BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF HAWAII

In the Matter of the Application of	)	
	)	
HAWAII ELECTRIC LIGHT COMPANY, INC.	)	Docket No. 05-0315
	)	
For Approval of Rate Increases and Revised Rate Schedules and Rules.	)	
	)	

HELCO
VOLUMINOUS RESPONSES TO
CONSUMER ADVOCATE
INFORMATION REQUESTS

BOOK 1 OF 15

January 12, 2007

(Revised July 5, 2006)

CA-IR-1

General Information Requests

For each of the HELCO witnesses who sponsor test period budgeted labor direct expense amounts, please provide the following information:

a. Identify each employee involved in preparation of budgeted staffing and associated labor direct expense amounts included in the witnesses' portion of the rate case test period budget.

b. Provide complete copies of all calculations, spreadsheet files, "pencil" workpapers, surveys and other analyses performed by each of the employees identified in response to part (a), documenting all work done to determine required staffing levels and overtime hours by Department, RA, Activity and NARUC Account.

c. Describe the actual force level that existed at the date the budget was prepared or otherwise served as a base for purposes of preparing the budget level.

d. For each budgeted employee position that is added to existing actual force levels (as the date the budget was prepared), **explain** the analyses undertaken to determine that each added position was necessary and should be filled in order to meet present or anticipated work requirements. Also, please explain how the anticipated work requirements were defined and determined.

e. Describe and, to the extent possible, quantify the backlog of work, unfinished projects, deferred maintenance and other labor requirements unfulfilled at present staffing levels, that will be satisfied by adding the employee positions identified in your response to part (d).

f. Provide complete copies of all studies, analyses, workpapers, projections, notes, correspondence, assumptions and other documents associated with your responses to parts (d) and (e) above.

HELCO Response:

The budgeted labor direct expense for Production Operations and Maintenance block of accounts is provided in HELCO-WP-101(F), pages 602 to 627. It is important to note that the labor budget information provided in the responses below is separated into projects and non-projects, for both Operations and Maintenance block of accounts. Planned outages in HELCO T-5, page 43, are budgeted as projects. This is distinguished from non-projects which capture the balance

(Revised July 5, 2006)

of O&M labor expenses. Therefore responses to this information request are organized into projects and non-projects. Attachment 5 breaks down the Operation and Maintenance direct labor totals in HELCO-WP-101(F) pages 602 to 627 respectively, into dollars for project and non-project labor direct expenses. This serves as the basis for responding to the various information requests below.

a. A list of employees involved in the preparation of budgeted labor direct expense included in the rate case test period budget and sponsored by HELCO witness T-5 is provided in Attachment 1. Note that some of the budget preparers have transferred to another area of the Company.

b. Attachment 5, page 4 provides a summary of the non-project labor direct expense based on estimated labor dollars for impacted responsibility areas ("RAs"). Worksheets used to derive the non-project labor direct hours for the various RAs are provided in Attachment 2. Attachment 5, page 3 provides a summary of the project labor direct expense based on estimated labor dollars for impacted RAs. Worksheets used to derive the project labor direct hours for the various RAs are provided in Attachment 3.

   The Pillar budgeting system calculates the associated dollars based on the input hours entered.

c. Attachment 4 compares the actual force level by position that existed on June 5, 2006 with the TY 2006 force level. Comments that explain the differences and hiring status are included in HELCO T-5, operations labor on page 60, line 6 through page 69, line 21 and HELCO-534 through 539; and maintenance labor on page 72, line 11 through page 79, line 2 and HELCO-541 through 543.

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d. HELCO T-5 describes the staffing increases in the 2006 test year forecast. The difference for each RA is explained as follows:

- For RA HGT (Technical Services), the one (1) resource planner position is a new addition to 2006 to support maintenance planning and increase predictive maintenance activities as recommended in Phase 1 of the Asset Optimization Program. See HELCO T-5, page 40, lines 17-19; page 63, lines 22-25; page 64, lines 22-24; and page 65, lines 8-10.
- For RA HGC (Keahole Plant Operations), the power plant supervisor position and the CT operator position were filled in 2005. As seen on Attachment 4, a CT operator position was vacated on June 5, 2006 due to a departmental transfer. The individual filled the maintenance supervisor position in RA HGX. See Attachment 6 for memo on Keahole manning.
- For RA HGW (Waiakea – Shipman Plant Operations), three (3) control and six (6) boiler operators are new positions added in 2006 for the staffing of the Shipman Power Plant. For the past several years, the Shipman Power Plant has been operated exclusively by operators from the Hill Power Plant and the Puna Steam Plant that worked 100% overtime. The Shipman Power Plant was made previously unmanned due to it being thought unnecessary to operate but with present fuel prices and loads it was justified to operate two shifts. The additional nine (9) operators at the Shipman Power Plant will help reduce the Production Department's overtime to more manageable and healthy levels and increase the respective Shipman unit availabilities to 14 eight hour shifts per

week. See HELCO-537 and HELCO-538 for an analysis of the actual overtime incurred in 2004 and 2005 to operate the Shipman Power Plant. As of June 5, 2006, eight (8) of the nine (9) positions have been filled. See also HELCO T-5, page 61, lines 16-19; page 62, line 4 to page 63, line 15; page 64, lines 11-21; page 65, line 11 to page 66, line 8; and page 66, line 24 to page 67, line 9 for further discussions about the need for the additional nine (9) positions.

- For RA HGK (Keahole Plant Maintenance), the one (1) maintenance supervisor position for combustion turbine and diesel maintenance ("CT&D) which was budgeted in 2005 and 2006 is still vacant and recruitment is in progress. See HELCO T-5, page 73, lines 11-15. The additional one (1) CT/Diesel Mechanic at Keahole is a new position added in 2006 and is vacant. See HELCO T-5, page 73, lines 6-8. See also HELCO T-5, page 73, line 17 to page 74, line 19 for discussion regarding the basis and reasons for the need for these added positions. See also Attachment 6 for memo regarding Keahole manning.
- For RA HGX (Kanoelehua Combustion Turbine and Diesel Maintenance), one (1) maintenance supervisor and one (1) CT/Diesel Mechanic positions were budgeted in 2005 and 2006, and were filled on June 5, 2006 and January 3, 2006, respectively. See HELCO T-5, page 73, lines 11 to page 74, line 19 for the basis and reason for the added positions.

e. As stated in HELCO T-5, page 76, "backlog" is a general term used to identify work that requires an outage and that is held in abeyance until it can be scheduled as part of an upcoming maintenance outage (MO) or planned outage (PO). Examples may include repairs

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that require a unit shutdown, but not an immediate threat to safety, environmental compliance or unit reliability, repairs awaiting materials and/or parts, labor resource availability, infrastructure repairs not directly impacting unit availability and/or system reliability. For instance, Hill 6 is having a major overhaul in 2006 which will include extensive O&M and capital work. The process began early in 2006 to plan this effort, and due to the extended length of the outage, many backlog items will be addressed. Further, the limited length of the outage, as well as staffing and material unavailability, often result in the backlog of items that do not get done and carryover to the next possible outage. Quantifying the backlog of work and unfinished projects is difficult due to the software program the Company uses and its limited reporting ability to create accurate lists of unfinished workorders by type (i.e., items that could be complete during a MO or PO). There are currently numerous unfinished workorders, each with varying degrees of complexity. Although adding the employee positions identified in response d. would reduce this "backlog," workorders are continuously added, and the work will not be fully caught up.

f. As stated in HELCO T-5, the approach used to determine staffing requirements was based on the following:

1. Replacements of vacancies attributed to retirements, resignations, job transfers and terminations. What's different today, versus in the past, is that to the extent plans for separations are known in advance, positions being vacated are requested and approved as soon as possible to provide as much lead time and/or overlap for transition as possible.
2. Analysis of actual overtime for 2004 year-end (HELCO-537) and 2005 year-end

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(HELCO-538) identified where high overtime was required to operate Shipman 3 and 4. These exhibits show the following responsibility areas: HGA-Administration, HGC-Keahole Operations, HGH-Hill Operations, HGK-Keahole Maintenance, HGM-Steam/Hydro Maintenance, HGP-Puna Operations, HGT-Technical, and HGX-Combustion Turbine/Diesel Maintenance. HGW-Shipman Operations will appear on the 2006 overtime reports as positions are filled. With the plan to operate Shipman 3 and 4 more in 2006 (and beyond) than in recent years, the Company has decided to hire additional operators and assign them to the Shipman Power Plant.

3. Increasing key resources to address critical requirements. As recommended in Phase 1 of the Asset Optimization Program, the Company will add an additional resource planner in 2006 to support maintenance planning and increased Predictive Maintenance ("PdM") activities.

CA-IR-1

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HELCO Response:

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projects and non-projects. Attachment 5 breaks down the Operation and Maintenance direct labor totals in HELCO-WP-101(F) pages 602 to 627 respectively, into dollars for project and non-project labor direct expenses. This serves as the basis for responding to the various information requests below.

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d. Response to be provided at a later date.

e. Response to be provided at a later date.

f. Response to be provided at a later date.

Budget Preparer: Non-Projects – Labor and Non-Labor

RA	Name	Title
HGA	Karie Klein	Fiscal Administrator – Production
HGC	Karie Klein	Fiscal Administrator – Production
HGH	Karie Klein	Fiscal Administrator – Production
HGK	Karie Klein	Fiscal Administrator – Production
HGM	Karie Klein	Fiscal Administrator – Production
HGP	Karie Klein	Fiscal Administrator – Production
HGT	Karie Klein	Fiscal Administrator – Production
HGW	Karie Klein	Fiscal Administrator – Production
HGX	Karie Klein	Fiscal Administrator – Production
H9P	Bev Abril (transferred out of H9P)	(former Executive Secretary)
HE0	Sandy Satake	Fiscal Administrator – Energy Services
HD0	Julie Payne	Fiscal Administrator – T&D
HA0	Paul Fujioka	Customer Service Manager
HL0	Karie Klein	Fiscal Administrator – Production
HN0	Norman Kawabata	Human Resources Administrator
HW0	Chris Harrison (transferred out of HW0)	(former Engineering Administrator)

Budget Preparer: Projects – Labor and Labor

Name	Title
Karie Klein	Fiscal Administrator

HGA labor 06-07.xls
6/6/2006

Hawaii Electric Light Company
Labor Forecast - GA
2006

	Empl #		Position	labor class	Available Hours	Holiday	Vacation	Sick	Other	184030 HGA 098 HEL ND NHGZZZZZ 107 NPL	Remain. Hours	OT Hours	A&G 925 HGA 797 HEL NE NHGZZZZZ 150 Safe Trng	A&G 925 HGA 789 HPO NS NHGZZZZZ 150 Training	Various Projects See: Proj. Files	Remaining Prod Hours 150	Total Product Hours	Total Hours	over/under
1	34069	dg	Manager	E	2,080	112	80	40	5	237	1,843	160	10	44	312	1,637	2,003	2,240	160
2	30250	cr	Statistical Clerk	BUOC	2,080	112	200	40	5	357	1,723	160	10	22	88	1,763	1,883	2,240	160
3	30295	sh	Purch Power Admin	TC	2,080	112	120	40	5	277	1,803	160	10	22		1,931	1,963	2,240	160
4			Prod Dept Admin	TC	2,080	112	80	40	5	237	1,843	160	10	22		1,971	2,003	2,240	160
			Total TC		**4,160**	**224**	**200**	**80**	**10**	**514**	**3,646**	**320**	**20**	**44**	**0**	**3,902**	**3,966**	**4,480**	**320**
5	30936	nv	Supt. Maintenance	FS	2,080	112	80	40	5	237	1,843	160	10	38		1,955	2,003	2,240	160
6	30349	td	Supt. Operations	FS	2,080	112	120	40	5	277	1,803	160	10	38		1,915	1,963	2,240	160
			Total FS		**4,160**	**224**	**200**	**80**	**10**	**514**	**3,646**	**320**	**20**	**76**	**0**	**3,870**	**3,966**	**4,480**	**320**
7	30277	mb	Asst Supt.	TCS	2,080	112	160	40	5	317	1,763	630	10	38	77	2,268	2,393	2,710	630
8	30175	cy	Asst Supt.	TCS	2,080	112	200	40	5	357	1,723	630	10	38	77	2,228	2,353	2,710	630
9	30835	nk	Shift Supervisor	TCS	2,080	112	200	40	5	357	1,723	630	40	98	77	2,138	2,353	2,710	630
10	30942	ra	Shift Supervisor	TCS	2,080	112	160	40	5	317	1,763	630	40	98	77	2,178	2,393	2,710	630
11	30858	rg	Shift Supervisor	TCS	2,080	112	160	40	5	317	1,763	630	40	98	77	2,178	2,393	2,710	630
12	30878	mj	Shift Supervisor	TCS	2,080	112	160	40	5	317	1,763	630	40	98	77	2,178	2,393	2,710	630
13	30877	dl	Shift Supervisor	TCS	2,080	112	160	40	5	317	1,763	630	40	98	77	2,178	2,393	2,710	630
			Total TCS		**14,560**	**784**	**1,200**	**280**	**35**	**2,299**	**12,261**	**4,410**	**220**	**566**	**540**	**15,345**	**16,671**	**18,970**	**4,410**
			Total		27,040	1,456	1,880	520	65	3,921	23,119	5,370	280	752	940	26,517	28,489	32,410	5,370
			Average		2,080	112	145	40	5	302	1,778	413	22	58	104	2,040	2,191	2,493	413

NOTE 1: Based On Historical 2002-2004 Averages As Follows -

Source: HWR82CA for GA

	Sick	Other	Injuries	Safety	OT (buoc)	extra ST (tcs)
2002	438	16	2	30	100	2,489
2003	624	40	342	98	125	2,919
2004	132	16	1	78	254	4,403
Average	398	24	115	68	159	3,270
-EEs	12	12	12	12	1	7
Avg Hrs/E	33	2	10	6	159	629
SAY	40	5	10	10	160	630

Per DG, use py OT amounts for budgeting

Safety Training - Use 8 hrs per year

Training - Includes annual environ training & 8 hr Hazwoper training

Shift Supervisors			Jan	883
Operational Days	365		Feb	811
Ssupv Hours per da	24		Mar	882
+ F-shift 32 hrs wee	1,664		Apr	859
Hours needed	10,424		May	883
est. ST avail	(8,775)		Jun	858
OT needed	1,649		Jul	883
	use 350 OT		Aug	883
			Sep	858
			Oct	883
			Nov	859
Shift Supv Training - per CY5/17/04			Dec	882
Safety Training - 40 hrs each - 200 hrs total				10,424
Other Training - 98 hrs each - 490 hrs total				

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA): HGA
Labor Class: E-V

Prepared by: kklein
Date: 06/05/06

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									(enter employee count in "Units tab card")												
Labor Supply	HGA	*Supply	*Supply	*Supply	*Supply	*Supply	_E-V	_ Available Hours	1	1	1	1	1	1	1	1	1	1	1	1	12
Labor Demand:									(enter hours in "Units tab card")												
								NPW subtotal	19	19	11	19	19	19	19	19	18	18	34	23	237
Holiday	HGA	098	HEL	ND	NHGZZZZZ	107	_E-V	_E-V	8	8	0	8	8	8	8	8	8	8	24	16	112
Vacation	HGA	098	HEL	ND	NHGZZZZZ	107	_E-V	_E-V	7	7	7	7	7	7	7	7	6	6	6	6	80
Other NPW	HGA	098	HEL	ND	NHGZZZZZ	107	_E-V	_E-V	4	4	4	4	4	4	4	4	4	4	4	1	45
Workers Comp	HGA	098	HEL	ND	NHGZZZZZ	108	_E-V	_E-V	0	0	0	0	0	0	0	0	0	0	0	0	0
See Project File									18	18	18	18	18	18	18	42	41	41	41	21	312
Safety Training	HGA	797	HEL	NE	NHGZZZZZ	150	_E-V	_E-V	1	1	1	1	1	1	1	1	1	1	0	0	10
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	150	_E-V	_E-V	4	4	4	4	4	4	4	4	3	3	3	3	44
Dev & Adm Bus Plans	HGA	700	HPM	NS	NHGZZZZZ	150	_E-V	_E-V	75	75	75	75	75	75	75	75	75	80	80	80	915
Dev & Adm Bus Plans	HGA	700	HPO	NS	NHGZZZZZ	150	_E-V	_E-V	51	51	51	51	51	51	51	51	51	51	51	53	614
Mng BU & Oth Lab Agre	HGA	805	HPM	NS	NHGZZZZZ	150	_E-V	_E-V	9	9	9	9	9	9	9	9	9	9	9	9	108
																			Total Prod Hours		1,691
							Total NonProj/Pgm Demand		177	177	169	177	177	177	177	201	198	203	218	189	2,240
							Total Supply		176	160	184	160	184	176	168	184	168	176	176	168	2,080
									1	17	-15	17	-7	1	9	17	30	27	42	21	160
Holidays - 2/21, 3/25, 5/30, 6/10, 7/4, 8/19, 9/5, 10/10, 11/11, 11/24, 12/23 (1/2), 12/26, 12/30 (1/2									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGA																Prepared by		kklein		
Labor Class	*BUOC*																Date		06/05/06		
	Dimension tab card							Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGA	"Supply	"Supply	"Supply	"Supply	"Supply	BUOC	_Available Hours	1	1	1	1	1	1	1	1	1	1	1	1	12
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	29	29	21	29	29	29	29	29	28	28	44	33	357
Holiday	HGA	098	HEL	ND	NHGZZZZZ	107	BUOC	BUOC	8	8	0	8	8	8	8	8	8	8	24	16	112
Vacation	HGA	098	HEL	ND	NHGZZZZZ	107	BUOC	BUOC	17	17	17	17	17	17	17	17	16	16	16	16	200
Other NPW	HGA	098	HEL	ND	NHGZZZZZ	107	BUOC	BUOC	4	4	4	4	4	4	4	4	4	4	4	1	45
Workers Comp	HGA	098	HEL	ND	NHGZZZZZ	108	BUOC	BUOC													0
See Project File									8	8	8	8	8	8	8	8	8	8	8		88
Safety Training	HGA	797	HPO	NS	NHGZZZZZ	150	BUOC	BUOC	1	1	1	1	1	1	1	1	1	1	0	0	10
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	150	BUOC	BUOC	2	2	2	2	2	2	2	2	2	2	1	1	22
Process Payroll	HGA	777	HPO	NS	NHGZZZZZ	150	BUOC	BUOC	22	22	22	22	22	22	22	22	22	22	22	21	263
Perform Fuel Accounting	HGA	816	HPO	NS	NHGZZZZZ	150	BUOC	BUOC	101	101	101	101	101	101	101	101	101	101	111	135	1,256
Prep/File Fin Rept Intern	HGA	835	HPO	NS	NHGZZZZZ	150	BUOC	BUOC	20	20	20	20	20	20	20	20	20	20	20	24	244
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																					0
																Total Prod Hours - Pillar Nonproject file					1,795
						Total NonProj/Pgm Demand			183	183	175	183	183	183	183	183	182	182	206	214	2,240
						Total Supply			176	160	184	160	184	176	168	184	168	176	176	168	2,080
									7	23	-9	23	-1	7	15	-1	14	6	30	46	160
Holidays - 2/21, 3/25, 5/30, 6/10, 7/4, 8/19, 9/5, 10/10, 11/11, 11/24, 12/23 (1/2), 12/26, 12/30 (1/2)									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

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Labor Class	TC																	Date	06/05/06					
	Dimension tab card							Rates tab card	Units tab card															
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
Labor Supply:									*(enter employee count in "Units tab card")*															
Labor Supply	HGA	*Supply	*Supply	*Supply	*Supply	*Supply	_TC	_Available Hours	2	2	2	2	2	2	2	2	2	2	2	2	24			
Labor Demand:									*(enter hours in "Units tab card")*															
								NPW subtotal	41	41	25	41	41	41	41	41	41	41	73	47	514			
Holiday	HGA	098	HEL	ND	NHGZZZZZ	107	_TC	_TC	16	16	0	16	16	16	16	16	16	16	48	32	224			
Vacation	HGA	098	HEL	ND	NHGZZZZZ	107	_TC	_TC	17	17	17	17	17	17	17	17	17	17	17	13	200			
Other NPW	HGA	098	HEL	ND	NHGZZZZZ	107	_TC	_TC	8	8	8	8	8	8	8	8	8	8	8	2	90			
Workers Comp	HGA	098	HEL	ND	NHGZZZZZ	108	_TC	_TC													0			
See Project Files																					0			
Safety Training	HGA	789	RST	NS	NHGZZZZZ	150	_TC	_TC	2	2	2	2	2	2	2	2	2	1	1		20			
Other Training	HGA	797	HEL	HPM	NHGZZZZZ	150	_TC	_TC	4	4	4	4	4	4	4	4	4	4	4	4	44			
Administer "Firm Capacit	HGA	121	HEL	NS	NHGZZZZZ	150	_TC	_TC			15	26									41			
Develop & Manage Fore	HGA	701	HPO	NS	NHGZZZZZ	150	_TC	_TC	22	22	22	22	22	22	22	22	22	22	22	16	258			
Prep & File Fin Rpts/Stat	HGA	835	HPO	NS	NHGZZZZZ	150	_TC	_TC	50	50	50	50	50	50	50	50	50	50	50	50	600			
Procure Materials & Serv	HGA	842	HPO	NS	NHGZZZZZ	150	_TC	_TC	50	50	50	50	50	50	50	50	50	50	50	50	600			
Procure Materials & Serv	HGA	843	HPO	NS	NHGZZZZZ	150	_TC	_TC	10	10	10	10	10	10	10	10	10	10	10	10	120			
Procure Materials & Serv	HGA	844	HPO	NS	NHGZZZZZ	150	_TC	_TC	26	26	26	26	26	26	26	26	26	26	26	26	312			
Order Materials, Equipm	HGA	842	CNS	NE	NHGZZZZZ	150	_TC	_TC	49	49	49	49	49	49	49	49	49	49	49	49	588			
Process Invoices and Ot	HGA	843	CNS	NE	NHGZZZZZ	150	_TC	_TC	10	10	10	10	10	10	10	10	10	10	10	10	120			
Process Materials & Tra	HGA	850	HEL	NC	NHGZZZZZ	150	_TC	_TC	79	79	79	79	79	79	79	79	79	79	79	79	948			
Perform Inventory Contro	HGA	853	HEL	NC	NHGZZZZZ	150	_TC	_TC	26	26	26	26	26	26	26	26	26	26	26	29	315			
																	Total Prod Hours - Pillar Nonproject file				3,902			
							Total NonProj/Pgm Demand		369	369	368	395	369	369	369	369	369	368	400	370	4,480			
							Total Supply		352	320	368	320	368	352	336	368	336	352	352	336	4,160			
									17	49	0	75	1	17	33	1	33	16	48	34	320	0		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22									8	8	0	8	8	8	8	8	8	8	24	16	112			
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080			

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGA																	Prepared by	kklein				
Labor Class	FS																	Date	06/05/06				
		Dimension tab card						Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGA	*Supply	*Supply	*Supply	*Supply	*Supply	FS	Available Hours	2	2	2	2	2	2	2	2	2	2	2	2	24		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	41	41	25	41	41	41	41	41	41	41	70	50	514		
Holiday	HGA	098	HEL	ND	NHGZZZZZ	107	FS	FS	16	16	0	16	16	16	16	16	16	16	48	32	224		
Vacation	HGA	098	HEL	ND	NHGZZZZZ	107	FS	FS	17	17	17	17	17	17	17	17	17	17	17	13	200		
Other NPW	HGA	098	HEL	ND	NHGZZZZZ	107	FS	FS	8	8	8	8	8	8	8	8	8	8	5	5	90		
Workers Comp	HGA	098	HEL	ND	NHGZZZZZ	108	FS	FS													0		
Safety Training	HGA	797	ANS	NS	NHGZZZZZ	150	FS	FS	2	2	2	2	2	2	2	2	2	2	0	0	20		
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	150	FS	FS	6	6	6	6	6	6	6	6	6	6	6	10	76		
Admin Firm Cap Contrac	HGA	121	HEL	NS	NHGZZZZZ	150	FS	FS	23	23	23	23	23	23	23	23	23	23	23	26	279		
Eval./Negot. Contracts	HGA	122	HEL	NS	NHGZZZZZ	150	FS	FS	20	20	20	20	20	20	20	20	20	20	20	15	235		
Dev & Maintn Policy & Pr	HGA	240	ANS	NS	NHGZZZZZ	150	FS	FS	9	9	9	9	9	9	9	9	9	9	9	13	112		
Dev & Maintn Policy & Pr	HGA	240	RST	NS	NHGZZZZZ	150	FS	FS	10	10	10	10	10	10	10	10	10	10	10	8	118		
Mt Trans SCADA Systen	HGA	354	HAK	NS	NHGZZZZZ	150	FS	FS	16	16	16	16	16	16	16	16	16	16	16	17	193		
Sched Gen Resources	HGA	375	HEL	NS	NHGZZZZZ	150	FS	FS	119	119	119	119	119	119	119	119	119	119	119	142	1,451		
Disp Mon Gen, Trans	HGA	376	HAH	NS	NHGZZZZZ	150	FS	FS	11	11	11	11	11	11	11	11	11	11	11	13	134		
Disp Mon Gen.	HGA	376	HAK	NS	NHGZZZZZ	150	FS	FS	11	11	11	11	11	11	11	11	11	11	11	16	137		
Dev & Admin Bus Plans	HGA	700	HPO	NS	NHGZZZZZ	150	FS	FS	18	18	18	18	18	18	18	18	18	18	18	21	219		
Improve Bus Process	HGA	720	HPO	NS	NHGZZZZZ	150	FS	FS	46	46	46	46	46	46	46	46	46	46	46	43	549		
Improve Bus Process	HGA	721	HPO	NS	NHGZZZZZ	150	FS	FS	6	6	6	6	6	6	6	6	6	6	6	10	76		
Research New Tech	HGA	730	HEL	NS	NHGZZZZZ	150	FS	FS	12	12	12	12	12	12	12	12	12	12	12	6	138		
Plan for and Determine B	HGA	785	HPO	NS	NHGZZZZZ	150	FS	FS	11	1	32	0	11	11	11	11	11	11	11	10	131		
Manage Bargaining Unit	HGA	805	HPO	NS	NHGZZZZZ	150	FS	FS	9	9	9	9	9	9	9	9	9	9	8	0	98		
																					0		
																		Total Prod Hours - Pillar Nonproject file			3,966		
							Total NonProj/Pgm Demand		370	360	375	359	370	370	370	370	370	370	396	400	4,480		
							Total Supply		352	320	368	320	368	352	336	368	336	352	352	336	4,160		
									18	40	7	39	2	18	34	2	34	18	44	64	320		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGA																	Prepared by	kklein					
Labor Class	TCS																	Date	06/05/06					
		Dimension tab card						Rates tab card	Units tab card															
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
Labor Supply:																								
									(enter employee count in "Units tab card")															
Labor Supply	HGA	*Supply	*Supply	*Supply	*Supply	*Supply	TCS	Available Hours	7	7	7	7	7	7	7	7	7	7	7	7	84			
Labor Demand:																								
									(enter hours in "Units tab card")															
								NPW subtotal	182	182	126	182	182	182	182	182	182	182	294	241	2,299			
Holiday	HGA	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	56	56	0	56	56	56	56	56	56	56	168	112	784			
Vacation	HGA	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	100	100	100	100	100	100	100	100	100	100	100	100	1,200			
Other NPW	HGA	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	26	26	26	26	26	26	26	26	26	26	26	29	315			
Workers Comp	HGA	098	HEL	ND	NHGZZZZZ	108	TCS	TCS													0			
See Project File:									45	45	45	45	45	45	45	45	45	45	45	45	540			
Safety Training	HGA	797	HEL	NE	NHGZZZZZ	150	TCS	TCS	18	18	18	18	18	18	18	18	18	18	18	22	220			
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	150	TCS	TCS	47	47	47	47	47	47	47	47	47	47	48	48	566			
Dev & Maint Policy/Proc	HGA	240	CNS	NS	NHGZZZZZ	150	TCS	TCS	29	29	29	29	29	29	29	29	29	29	29	14	333			
Dev & Maint Policy/Proc	HGA	240	P01	NS	NHGZZZZZ	150	TCS	TCS	31	31	31	31	31	31	31	31	31	31	31	31	372			
Dev & Maint Policy/Proc	HGA	240	RST	NS	NHGZZZZZ	150	TCS	TCS	31	31	31	31	31	31	31	31	31	31	31	31	372			
Dev & Maint Policy/Proc	HGA	240	SST	NS	NHGZZZZZ	150	TCS	TCS	22	22	22	22	22	22	22	22	22	22	22	22	264			
Mon Plt Opm - Blr Rel	HGA	245	P01	NS	NHGZZZZZ	150	TCS	TCS	205	205	205	205	205	205	205	205	205	205	205	205	2,460			
Mon Plt Opm - Blr Rel	HGA	245	RST	NS	NHGZZZZZ	150	TCS	TCS	256	256	256	256	256	256	256	256	256	256	256	256	3,072			
Mon Plt Opm - Blr Rel	HGA	245	SST	NS	NHGZZZZZ	150	TCS	TCS	172	172	172	172	172	172	172	172	172	172	172	172	2,064			
Mon Plt Opm - Non Stea	HGA	247	C04	NS	NHGZZZZZ	150	TCS	TCS	24	24	24	24	24	24	24	24	24	24	24	24	288			
Mon Plt Opm - Non Stea	HGA	247	P03	NS	NHGZZZZZ	150	TCS	TCS	148	148	148	148	148	148	148	148	148	148	148	148	1,776			
Maint Trans SCADA Sys	HGA	354	HAH	NS	NHGZZZZZ	150	TCS	TCS	36	36	36	36	36	36	36	36	36	36	36	36	432			
Sched Gen Resources	HGA	375	HEL	NS	NHGZZZZZ	150	TCS	TCS	172	172	172	172	172	172	172	172	172	172	172	172	2,064			
Disp Mon Gen	HGA	376	HAH	NS	NHGZZZZZ	150	TCS	TCS	154	154	154	154	154	154	154	154	154	154	154	154	1,848			
																Total Prod Hours - Pillar Nonproject file					16,131			
							Total NonProj/Pgm Demand		1,572	1,572	1,516	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,685	1,621	18,970			
							Total Supply		1,232	1,120	1,288	1,120	1,288	1,232	1,176	1,288	1,176	1,232	1,232	1,176	14,560			
									340	452	228	452	284	340	396	284	396	340	453	445	4,410			
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/2									8	8	0	8	8	8	8	8	8	8	24	16	112			
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080			

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGC labor 06-07.xls

06/06/06

Hawaii Electric Light Company

Labor Forecast - GC Operations

2006

	Emp #		Position	labor class	Available Hours	Holiday	Vac	Sick	Oth	184030 HGC 098 HEL ND NHGZZZZZ 107 NPL	A&G 925 HGC 098 HEL ND NHGZZZZZ 108 WC	Remain Hours	OT Hours	A&G 925 HGC 797 HEL NE NHGZZZZZ 150 Safe Trng	549280 HGC 789 CNS NE NHGZZZZZ 150 Training	Remaining Prod Hours 150		Total Product Hours	Total	over/under
1	30880	bs	CT Operator	butc	2,080	112	200	75	0	387	0	1,693	730	24	40	2,359		2,423	2,810	730
2	20668	jk	CT Operator	butc	2,080	112	120	75	0	307	0	1,773	730	24	40	2,439		2,503	2,810	730
3	34431	bk	CT Operator	butc	2,080	112	80	75	0	267	0	1,813	730	24	40	2,479		2,543	2,810	730
4	30944	th	CT Operator	butc	2,080	112	160	75	0	347	0	1,733	730	24	40	2,399		2,463	2,810	730
5	34776	gt	CT Operator	butc	2,080	112	80	75	0	267	0	1,813	730	24	40	2,479		2,543	2,810	730
6	vacant		CT Operator	butc	2,080	112	80	75	0	267	0	1,813	730	24	40	2,479		2,543	2,810	730
			Total		12,480	672	720	450	0	1,842	0	10,638	4,380	144	240	14,634		15,018	16,860	4,380
			Average		2,080	112	120	75	0	307	0	1,773	730	24	40	2,439		2,503	2,810	730

	Emp #		Position	labor class	Available Hours	Holiday	Vac	Sick	Oth	184030 HGC 098 HEL ND NHGZZZZZ 107 NPL	A&G 925 HGC 098 HEL ND NHGZZZZZ 108 WC	Remain Prod Hours	546290 HGC 247 C02 NS NHGZZZZZ 150 S.Supv	546310 HGC 247 C04 NS NHGZZZZZ 150 S.Supv	546320 HGC 247 C05 NS NHGZZZZZ 150 S.Supv	A&G 925 HGC 797 HEL NE NHGZZZZZ 150 Safe Trng	546280 HGC 789 CNS NS NHGZZZZZ 150 Training	Total Product Hours	Total	over/under
7	30848	wp	Shift Supv	tcs	2,080	112	200	75	0	387	0	1,693	209	1,569	521	24	100	2,423	2,810	730
8	vacant		Shift Supv	tcs	2,080	112	80	75	0	267	0	1,813	209	1,689	521	24	100	2,543	2,810	730
			Total		4,160	224	280	150	0	654	0	3,506	418	3,258	1,042	48	200	4,966	5,620	1,460
			Average		2,080	112	140	75	0	327	0	1,753	209	1,629	521	24	100	2,483	2,810	730

Prod Hrs	19,984
Non Prod	2,496
GC Total	22,480

Note:

Training:

2005 & 2006: CT Op trng- 2 @ 80hrs each

Safety trng 6 @ 24hrs each, startup/EMD 6 @ 40each

2 Shift Supv - 100hrs each

(Env - 14 hrs, Hazmat - 8 hrs)

NOTE 1:

Based On Historical 2002-2004 Averages As Follows -

	#ee	Sick	Other	Injuries	SafeTrng	Trng
2002	2	64	0	0	34	87
2003	4	42	0	0	19	87
2004	6	784	16	0	143	298
Avg	4	297	5	0	65	157
Avg hrs/ee		74	1	0	16	39
Say		75	0	0	20	see above

NOTE 2:

Based on Prior Year amounts per Dglovanni on 6/29/05

	OT	DT	Total	OT avg/ee
2002	477	432	909	454
2003	401	401	802	201
2004	2,221	2,145	4,366	728
Average	1,033	993	2,026	461
%-age	51%	49%	100%	
				Round to 730

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGC																	Prepared by		kklein			
Labor Class	BU_TC																	Date	6/5/2006 13:59				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									(enter employee count in "Units tab card")														
Labor Supply	HGC	*Supply	*Supply	*Supply	*Supply	*Supply	BU_TC	Available Hou	6	6	6	6	6	6	6	6	6	6	6	6	72		
Labor Demand:									(enter hours in "Units tab card")														
								NPW subtotal	146	146	96	146	146	146	146	146	146	146	242	188	1,842		
Holiday	HGC	098	HEL	ND	NHGZZZZZ	107	BU_TC	BU_TC	48	48	0	48	48	48	48	48	48	48	144	96	672		
Vacation	HGC	098	HEL	ND	NHGZZZZZ	107	BU_TC	BU_TC	60	60	60	60	60	60	60	60	60	60	60	60	720		
Other NPW	HGC	098	HEL	ND	NHGZZZZZ	107	BU_TC	BU_TC	38	38	38	38	38	38	38	38	38	38	38	32	450		
Workers Comp	HGC	098	HEL	ND	NHGZZZZZ	108	BU_TC	BU_TC	0	0	0	0	0	0	0	0	0	0	0	0	0		
Safety Training	HGC	797	HEL	NE	NHGZZZZZ	150	BU_TC	BU_TC	12	12	12	12	12	12	12	12	12	12	12	12	144		
Gen Training	HGC	789	CNS	NE	NHGZZZZZ	150	BU_TC	BU_TC	20	20	20	20	20	20	20	20	20	20	20	20	240		
CT2 Operator	HGC	244	C02	NE	NHGZZZZZ	150	BU_TC	BU_TC	64	64	64	64	64	64	64	64	64	64	64	82	786		
CT4 Operator	HGC	244	C04	NE	NHGZZZZZ	150	BU_TC	BU_TC	223	223	223	223	223	223	223	223	223	223	223	223	2,676		
CT5 Operator	HGC	244	C05	NE	NHGZZZZZ	150	BU_TC	BU_TC	186	186	186	186	186	186	186	186	186	186	186	186	2,232		
Operate and Monitor P	HGC	244	CNS	NE	NHGZZZZZ	150	BU_TC	BU_TC	142	142	142	142	142	142	142	142	142	142	142	142	1,704		
CT2 Water Trmt	HGC	248	C02	NE	NHGZZZZZ	150	BU_TC	BU_TC	316	316	316	316	316	316	316	316	316	316	316	316	3,792		
CT4 Water Trmt	HGC	248	C04	NE	NHGZZZZZ	150	BU_TC	BU_TC	156	156	156	156	156	156	156	156	156	156	156	156	1,872		
CT5 Water Trmt	HGC	248	C05	NE	NHGZZZZZ	150	BU_TC	BU_TC	131	131	131	131	131	131	131	131	131	131	131	131	1,572		
																Totoa Prod Hrs - Pillar Nonproject file					15,018		
							Total NonProj/Pgm Demand		1,396	1,396	1,348	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,492	1,456	16,860		
							Total Supply		1,056	960	1,104	960	1,104	1,056	1,008	1,104	1,008	1,056	1,056	1,008	12,480		
									340	436	244	436	292	340	388	292	388	340	436	448	4,380		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/2									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGC																	Prepared by		kklein			
Labor Class	TCS	Shift Supervisors																Date	6/5/2006 13:59				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGC	*Suppl	*Suppl	*Suppl	*Supply	*Suppl	TCS	Available Hou	2	2	2	2	2	2	2	2	2	2	2	2	24		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	52	52	36	52	52	52	52	52	52	52	84	66	654		
Holiday	HGC	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	16	16	0	16	16	16	16	16	16	16	48	32	224		
Vacation	HGC	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	23	23	23	23	23	23	23	23	23	23	23	27	280		
Sick/Other NPW	HGC	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	13	13	13	13	13	13	13	13	13	13	13	7	150		
Workers Comp	HGC	098	HEL	ND	NHGZZZZZ	108	TCS	TCS					0	0	0	0	0	0	0	0	0		
Safety Training	HGC	797	HEL	NS	NHGZZZZZ	150	TCS	TCS	4	4	4	4	4	4	4	4	4	4	4	4	48		
Gen Training	HGC	789	CNS	NS	NHGZZZZZ	150	TCS	TCS	17	17	17	17	17	17	17	17	17	17	17	13	200		
Supv CT2	HGC	247	C02	NS	NHGZZZZZ	150	TCS	TCS	35	35	35	35	35	35	35	35	35	35	35	37	422		
Supv CT4	HGC	247	C04	NS	NHGZZZZZ	150	TCS	TCS	179	179	179	179	179	179	179	179	179	179	179	179	2,148		
Supv CT5	HGC	247	C05	NS	NHGZZZZZ	150	TCS	TCS	179	179	179	179	179	179	179	179	179	179	179	179	2,148		
																Total Prod Hrs - Pillar Nonproject file					4,966		
						Total NonProj/Pgm Demand			466	466	450	466	466	466	466	466	466	466	498	478	5,620		
						Total Supply			352	320	368	320	368	352	336	368	336	352	352	336	4,160		
									114	146	82	146	98	114	130	98	130	114	146	142	1460		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/2									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGH labor 06-07.xls
6/6/2006

Hawaii Electric Light Company
Labor Forecast - GH
2006

	EE #	Position		Available Hours	Holiday	Vacation	Sick	Other	184030 HGH 098 HEL ND NHGZZZZZ NPL	A&G 925 HGH 098 HEL ND NHGZZZZZ WC	Remain Product Hours	506220 HGH 375 HEL NE NHGZZZZZ 150 Sys Op	TrOp 561 HGH 376 HAH NE NHGZZZZZ 150 Sys Op	505220 HGH 243 RST NE NHGZZZZZ 150 Cntl Op	502220 HGH 242 R06 NE NHGZZZZZ 150 Sr. Blr	502220 HGH 242 R05 NE NHGZZZZZ 150 Blr Op	548300 HGH 244 P03 NE NHGZZZZZ 150 Sr Blr(CT3)	Various Projects See: Project File
Labor Class: BUTC																		
1	30908	System Operator	P.Chai	2,080	112	160	90	5	367	25	1,688	1,228	1,000					
2	30914	System Operator	W.Castro	2,080	112	160	90	5	367	25	1,688	1,228	1,000					
3	30937	System Operator	F.Mulec	2,080	112	160	90	5	367	25	1,688	1,228	1,000					
4	30938	System Operator	G.Akimseu	2,080	112	160	90	5	367	25	1,688	1,228	1,000					
5	30939	System Operator	M.Gapol	2,080	112	160	90	5	367	25	1,688	1,228	1,000					
6	30496	Control Operator	A.Tavares	2,080	112	200	90	5	407	25	1,648			2,188				
7	30940	Control Operator	L.Gangano	2,080	112	160	90	5	367	25	1,688			2,228				
8	30844	Control Operator	R. Liwai	2,080	112	200	90	5	407	25	1,648			2,188				
9	30482	Control Operator	M.Carriaga	2,080	112	200	90	5	407	25	1,648			2,188				
10	30922	Control Operator	B.Santiago	2,080	112	160	90	5	367	25	1,688			2,228				
11	31009	Sr Boiler Operator CT3	C.Barroga	2,080	112	160	90	5	367	25	1,688						1,595	
12	30954	Sr Boiler Operator CT3	E.Kaupu	2,080	112	120	90	5	327	25	1,728						1,635	
13		Sr Boiler Operator CT3	vacant	2,080	112	0	90	5	207	25	1,848						1,754	
14	30921	Sr Boiler Operator	C. Palma	2,080	112	160	90	5	367	25	1,688				2,228			
15	31027	Sr Boiler Operator	T. Kaaihili	2,080	112	120	90	5	327	25	1,728				2,268			
16	31024	Sr Boiler Operator	P.Dally	2,080	112	120	90	5	327	25	1,728				2,268			
17	33344	Sr Boiler Operator	G.Horiuchi	2,080	112	120	90	5	327	25	1,728				2,268			
18	30952	Sr Boiler Operator	G.Alameda	2,080	112	160	90	5	367	25	1,688				2,228			
19	31016	Boiler Operator	V. Ventura	2,080	112	120	90	5	327	25	1,728					2,268		
20	30338	Boiler Operator	M. Mermod	2,080	112	120	90	5	327	25	1,728					2,268		
21	33345	Boiler Operator	R. Renz	2,080	112	80	90	5	287	25	1,768					2,308		
22	20996	Boiler Operator	B. Pacheco	2,080	112	120	90	5	327	25	1,728					2,268		
23	33740	Boiler Operator	L. Pajo	2,080	112	120	90	5	327	25	1,728					2,268		
24	30995	Boiler Operator	R.Otis	2,080	112	160	90	5	367	25	1,688							
		Total - BUTC		49,920	2,688	3,400	2,160	120	8,368	600	40,952	6,140	5,000	11,020	11,260	11,380	4,984	0
		Average		2,080	112	142	90	5	349	25	1,706	1,228	1,000	2,204	2,252	2,276	1,661	0
		TOTAL - GH		49,920	2,688	3,400	2,160	120	8,368	600	40,952	6,140	5,000	11,020	11,260	11,380	4,984	0
		AVG		2,080	112	142	90	5	349	25	1,706	256	208	459	469	474	208	0

NOTE 1:
Based On Historical 2002-2004 Averages As Follows -

	#ee	Sick	Other	Injuries	Safetrng	Trng
2002	23	2,587	72	1,074	148	1,028
2003	23	1,631	72	58	261	2,484
2004	23	1,530	8	478	417	3,013
3-yr avg	23	1,916	51	537	275	2,175
Avg / EE		83	2	23	12	95
SAY		90	5	25	20	100

	502220	502230	502230	A&G 925	506220			
	HGH 248	HGH 248	HGH 248	HGH 797	HGH 789			
	RST NE	P01 NE	SST NE	HEL NE	RST NE			
	NHGZZZZZ	NHGZZZZZ	NHGZZZZZ	NHGZZZZZ	NHGZZZZZ	Total		
Stores	150	150	150	150	150	Product		
Activities	Hil Env	Puna Env	Ship Env	Safe Trng	Trng	Hours	Total	over/under
				20	100	2,348	2,740	660
				20	100	2,348	2,740	660
				20	100	2,348	2,740	660
				20	100	2,348	2,740	660
				20	100	2,348	2,740	660
				20	100	2,308	2,740	660
				20	100	2,348	2,740	660
				20	100	2,308	2,740	660
				20	100	2,308	2,740	660
				20	100	2,348	2,740	660
	533	50	50	20	100	2,348	2,740	660
	533	50	50	20	100	2,388	2,740	660
	534	50	50	20	100	2,508	2,740	660
				20	100	2,348	2,740	660
				20	100	2,388	2,740	660
				20	100	2,388	2,740	660
				20	100	2,388	2,740	660
				20	100	2,348	2,740	660
				20	100	2,388	2,740	660
				20	100	2,388	2,740	660
				20	100	2,388	2,740	660
				20	100	2,428	2,740	660
				20	100	2,388	2,740	660
				20	100	2,388	2,740	660
1,968				20	100	2,088	2,480	400
1,968	1,600	150	150	480	2,400	56,532	65,500	15,580
1,968				20	100	2,356	2,729	649
1,968	1,600	150	150	480	2,400	56,532	65,500	15,580
82	67	6	6	20	100	2,356	2,729	649

NOTE 2: Hill operates baseloaded / 24 hours

	System Op	Control Op	Sr Blr Op	Boiler Op	Total
Operator hours/day	24	24	24	24	24
Hours needed	8,760	8,760	8,760	8,760	8,760
SAY - Round-up	**10,000**	**10,000**	**10,000**	**10,000**	**40,000**
Less hours from GH	(11,140)	(11,020)	(11,260)	(11,380)	(44,800)
Extra hrs needed	(1,140)	(1,020)	(1,260)	(1,380)	(4,800)

CT3 runs 736 hours in 2005 ~ Round 1,000 hours

CT3 runs 960 hours in 2006 ~ Round 1,000 hours

NOTE 3:

NOTE 3:

Based On Historical 2002-04 Averages As Follows -

Based On Historical 2002-04 Averages As Follows -

	ST	OT	DT	Total	OT avg/ee
2002	36,707	9,171	8,206	54,084	756
2003	44,521	7,471	5,440	57,432	561
2004	44,600	8,801	6,313	59,714	657
Total	125,827	25,444	19,959	171,230	
Average	41,942	8,481	6,653	57,077	658
%-age	73%	15%	12%	100%	

Use 660 OT hrs

Labor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) HGH
Labor Class BUTC

Prepared by kklein
Date 6/5/2006 13:59

Dimension tab card								Rates tab card	Units tab card													
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply :									*(enter employee count in "Units tab card")*												
Labor Supply	HGH	*Supply	*Supply	*Supply	*Supply	*Supply	BUTC	Available Hou	24	24	24	24	24	24	24	24	24	24	24	24	288
Labor Demand :									*(enter hours in "Units tab card")*												
								NPW subtotal	665	665	473	665	665	665	665	665	665	665	1,049	861	8,368
Holiday	HGH	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	192	192	0	192	192	192	192	192	192	192	576	384	2,688
Vacation	HGH	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	283	283	283	283	283	283	283	283	283	283	283	287	3,400
Other NPW	HGH	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	190	190	190	190	190	190	190	190	190	190	190	190	2,280
Workers Comp	HGH	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC	50	50	50	50	50	50	50	50	50	50	50	50	600
Safety Training	HGH	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	40	40	40	40	40	40	40	40	40	40	40	40	480
Environ Training	HGH	789	RST	NE	NHGZZZZZ	150	BUTC	BUTC	200	200	200	200	200	200	200	200	200	200	200	200	2,400
See Project File																					0
Sys Op	HGH	375	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	512	512	512	512	512	512	512	512	512	512	512	508	6,140
Sys Op	HGH	376	HAH	NE	NHGZZZZZ	150	BUTC	BUTC	417	417	417	417	417	417	417	417	417	417	417	413	5,000
Hill Cntl Op	HGH	243	RST	NE	NHGZZZZZ	150	BUTC	BUTC	918	918	918	918	918	918	918	918	918	918	918	922	11,020
Hill Sr. Blr Op	HGH	242	R06	NE	NHGZZZZZ	150	BUTC	BUTC	938	938	938	938	938	938	938	938	938	938	938	942	11,260
Hill Blr Op	HGH	242	R05	NE	NHGZZZZZ	150	BUTC	BUTC	948	948	948	948	948	948	948	948	948	948	948	952	11,380
CT3 Sr. Blr Op	HGH	244	P03	NE	NHGZZZZZ	150	BUTC	BUTC	415	415	415	415	415	415	415	415	415	415	415	419	4,984
Wwop - Hill Env	HGH	248	RST	NE	NHGZZZZZ	150	BUTC	BUTC	133	133	133	133	133	133	133	133	133	133	133	137	1,600
Wwop - Puna Env	HGH	248	P01	NE	NHGZZZZZ	150	BUTC	BUTC	13	13	13	13	13	13	13	13	13	13	13	7	150
Wwop - Ship Env	HGH	248	SST	NE	NHGZZZZZ	150	BUTC	BUTC	13	13	13	13	13	13	13	13	13	13	13	7	150
Process Matls & Tr*	HGH	850	HEL	NC	NHDZZZZZ	150	BUTC	BUTC	164	164	164	164	164	164	164	164	164	164	164	164	1,968
																Total Prod Hrs - Pillar Nonproject file					56,532
								Total NonProj/Pgm Demand	5,426	5,426	5,234	5,426	5,426	5,426	5,426	5,426	5,426	5,426	5,810	5,622	65,500
								Total Supply	4,224	3,840	4,416	3,840	4,416	4,224	4,032	4,416	4,032	4,224	4,224	4,032	49,920
									1202	1586	818	1586	1010	1202	1394	1010	1394	1202	1586	1590	15580
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25,									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

*Note: Major (850) activity recorded in 2002 at Stores-Distribution.

HGK labor 06-07.xls
6/6/2006

Hawaii Electric Light Company
Labor Forecast - GK Maintenance
2006

	Employee #		Position	Labor Cls	Available Hours	Holiday	Vacation	Sick	Other	184030 HGK 098 HEL ND NHGZZZZZ 107 NPL	A&G 925 HGK 098 HEL ND NHGZZZZZ 108 WC	ST Project Overhaul	A&G 925 HGK 797 HEL NE NHGZZZZZ 150 Safe Trng	HGK 789 CNS NE NHGZZZZZ 150 Trng	Remain Prod 150 Hours	Non Proj Hours	Total Hours	over/under
1	vacant		Maint. Supv.	TCS	2,080	112	80	190	10	392	0	0	20	40	2,403	2,463	2,855	775
2	30981	sd	WF-Mech	BUTC	2,080	112	160	190	10	472	0	480	20	40	1,843	1,903	2,855	775
3	31019	jb	WF-Elec	BUTC	2,080	112	120	190	10	432	0	480	20	40	1,883	1,943	2,855	775
4	34712	tk	WF-A.Cntl	BUTC	2,080	112	80	190	10	392	0	480	20	40	1,923	1,983	2,855	775
	Total BUTC				**6,240**	**336**	**360**	**570**	**30**	**1,296**	**0**	**1,440**	**60**	**120**	**5,649**	**5,829**	**8,565**	**2,325**
5	34693	sw	CT/Dsl Mec	G_Mechn	2,080	112	80	190	10	392	0	240	20	40	2,163	2,223	2,855	775
6			CT/Dsl Mec	G_Mechn	2,080	112	80	190	10	392	0	240	20	40	2,163	2,223	2,855	775
	Total G_Mechn				**4,160**	**224**	**160**	**380**	**20**	**784**	**0**	**480**	**40**	**80**	**4,326**	**4,446**	**5,710**	**1,550**
7		fh	Control Tech	G_Eleac	2,080	112	80	190	10	392	0	480	20	40	1,923	1,983	2,855	775
8	34175	dt	Electrician	G_Eleac	2,080	112	80	190	10	392	0	480	20	40	1,923	1,983	2,855	775
	Total G_Eleac				**4,160**	**224**	**160**	**380**	**20**	**784**	**0**	**960**	**40**	**80**	**3,846**	**3,966**	**5,710**	**1,550**
			Total		16,640	896	760	1,520	80	3,256	0	2,880	160	320	16,224	16,704	22,840	6,200
			Average		2,080	112	95	190	10	407	0	360	20	40	2,028	2,088	2,855	775
																	Prod hrs	19,584
																	NPL & WC	3,256
																	Total	22,840

NOTE 1:
Based On Historical 2001-2004 Averages As Follows -

	#' ee	Sick	Other	Injuries	Safety	Trng
2001	5	429.5	16	0	45	142
2002	4	1,336	74	0	161	182
2003	6	680	24	0	106	60
2004	5	1,213	11.5	0	74	142
Average		915	31	0	96	131
Avg # EE's		5	5	5	5	5
Avg Hrs/EE		188	6	0	20	27
SAY		190	10	0	20	40

NOTE 2:
Per Dgiovanni on 6/29/05, keep OT consistent with 2003-4.

	Prod ST	Extra ST	OT	DT	OT total	Total Hrs
2001	7,638	425	738	176	1,338	8,976
2002	5,754	1	1,172	444	1,617	7,371
2003	6,832	1	1,936	531	2,467	9,299
2004	10,890	345	2,733	682	3,760	14,650
Use 2004	10,890	345	2,733	682	3,760	14,650
- EEs	5	5	5	5	5	5
Avg hrs/EE	2,234	71	561	140	771	3,005

OT hrs based on 2004 year --- use 775 hours
OT hrs/ Total Hours

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGK																Prepared by	kklein		
Labor Class	TCS	Supv															Date	06/05/06		
	Dimension tab card							Rates tab card	Units tab card											
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGK	*Supply	*Supply	*Supply	*Supply	Suppl	TCS	Available Ho	1	1	1	1	1	1	1	1	1	1	1	1	12
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	32	32	24	32	32	32	32	32	31	31	43	39	392
Holiday	HGK	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	8	8	0	8	8	8	8	8	8	8	24	16	112
Vacation	HGK	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	7	7	7	7	7	7	7	7	6	6	6	6	80
Other NPW	HGK	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	17	17	17	17	17	17	17	17	17	17	13	17	200
Workers Comp	HGK	098	HEL	ND	NHGZZZZZ	108	TCS	TCS	0	0	0	0	0	0	0	0	0	0			0
Overhauls	See Projects/Programs					150	TCS	TCS													0
Safety Training	HGK	797	HEL	NS	NHGZZZZZ	150	TCS	TCS	2	2	2	2	2	2	2	2	2	2	0	0	20
Maint Training	HGK	789	ANS	NS	NHGZZZZZ	150	TCS	TCS	3	3	3	3	3	3	3	3	3	3	5	5	40
Maint Stn Common S	HGK	256	CNS	NS	NHGZZZZZ	150	TCS	TCS	200	200	200	200	200	200	200	200	200	200	200	203	2,403
																					2,463
						Total NonProj/Pgm Demand			237	237	229	237	237	237	237	237	236	236	248	247	2,855
						Total Supply			176	160	184	160	184	176	168	184	168	176	176	168	2,080
									61	77	45	77	53	61	69	53	68	60	72	79	775
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGK																	Prepared by		kklein			
Labor Class	BUT	WF																Date	06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:										*(enter employee count in "Units tab card")*													
Labor Supply	HGK	*Supply	*Supply	*Supply	*Supply	Suppl	BUTC	Available Ho	3	3	3	3	3	3	3	3	3	3	3	3	36		
Labor Demand:										*(enter hours in "Units tab card")*													
								NPW subtotal	104	104	80	104	104	104	104	104	104	104	152	128	1,296		
Holiday	HGK	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	24	24	0	24	24	24	24	24	24	24	72	48	336		
Vacation	HGK	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	30	30	30	30	30	30	30	30	30	30	30	30	360		
Other NPW	HGK	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	50	50	50	50	50	50	50	50	50	50	50	50	600		
Workers Comp	HGK	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC	0	0	0	0	0	0	0	0	0	0	0	0	0		
Overhauls	See Projects/Programs					150	BUTC	BUTC		288	576		288				288				1,440		
Safety Training	HGK	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	5	5	5	5	5	5	5	5	5	5	5	5	60		
Maint Training	HGK	789	CNS	NE	NHGZZZZZ	150	BUTC	BUTC	10	10	10	10	10	10	10	10	10	10	10	10	120		
Op & Mon Plt Eq (Ma	HGK	244	CNS	NE	NHGZZZZZ	150	BUTC	BUTC	55	55	55	55	55	55	55	55	55	55	55	55	660		
Maint Stn Common S	HGK	263	CNS	NE	NHGZZZZZ	150	BUTC	BUTC	158	158	158	258	158	258	158	243	158	158	158	158	2,181		
Maint Stn Common S	HGK	263	CWT	NE	NHGZZZZZ	150	BUTC	BUTC	30	30	30	30	30	30	30	30	30	30	30	30	360		
Maint Stn Common S	HGK	264	CWT	NE	NHGZZZZZ	150	BUTC	BUTC	52	52	52	52	52	52	52	52	52	52	52	52	624		
Maint Combust Turbi	HGK	272	C04	NE	NHGZZZZZ	150	BUTC	BUTC	32	32	32	32	32	32	32	32	32	32	32	32	384		
Maint Combust Turbi	HGK	273	C02	NE	NHGZZZZZ	150	BUTC	BUTC	54	54	54	54	54	54	54	54	54	54	54	54	648		
Maint Int Combust En	HGK	276	C22	NE	NHGZZZZZ	150	BUTC	BUTC	33	33	33	33	33	33	33	33	33	33	33	33	396		
Maint Int Combust En	HGK	276	C23	NE	NHGZZZZZ	150	BUTC	BUTC	33	33	33	33	33	33	33	33	33	33	33	33	396		
																Total Prod Hours - Pillar Nonprol					5,829		
						Total NonProj/Pgm Demand			566	854	1,118	666	854	666	566	651	854	566	614	590	8,565		
						Total Supply			528	480	552	480	552	528	504	552	504	528	528	504	6,240		
									38	374	566	186	302	138	62	99	350	38	86	86	2,325		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGK																	Prepared by		kklein			
Labor Class	G_Eleac																	Date	06/05/06				
	Dimension tab card							Rates tab ca	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGK	*Supply	*Supply	*Supply	*Supply	Suppl	G_Eleac	Available	2	2	2	2	2	2	2	2	2	2	2	2	24		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtot	63	63	47	63	63	63	63	63	63	63	91	79	784		
Holiday	HGK	098	HEL	ND	NHGZZZZZ	107	G_Eleac	G_Eleac	16	16	0	16	16	16	16	16	16	16	48	32	224		
Vacation	HGK	098	HEL	ND	NHGZZZZZ	107	G_Eleac	G_Eleac	14	14	14	14	14	14	14	14	14	14	10	10	160		
Other NPW	HGK	098	HEL	ND	NHGZZZZZ	107	G_Eleac	G_Eleac	33	33	33	33	33	33	33	33	33	33	33	37	400		
Workers Comp	HGK	098	HEL	ND	NHGZZZZZ	108	G_Eleac	G_Eleac													0		
Overhauls	See Projects/Programs					150	G_Eleac	G_Eleac		192	384		192				192				960		
Safety Training	HGK	797	HEL	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	3	3	3	3	3	3	3	3	3	3	3	7	40		
Maint Training	HGK	789	CNS	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	7	7	7	7	7	7	7	7	7	7	7	3	80		
Maint Stn Common S	HGK	263	CNS	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	168	168	168	168	168	168	168	168	168	168	168	171	2,019		
Maint Stn Common S	HGK	263	CWT	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	25	25	5	50	5	50	25	0	25	50	25	21	306		
Maint Stn Common S	HGK	264	CWT	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	21	21	21	21	21	21	21	21	21	21	21	18	249		
Maint Combust Turbi	HGK	273	C02	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	22	22	22	22	22	22	22	22	22	22	22	22	264		
Maint Int Combust En	HGK	276	C21	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	15	15	15	15	15	15	15	15	15	15	15	12	177		
Maint Int Combust En	HGK	276	C22	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	35	35	35	35	35	35	35	35	35	35	35	29	414		
Maint Int Combust En	HGK	276	C23	NE	NHGZZZZZ	150	G_Eleac	G_Eleac	35	35	35	35	35	35	35	35	35	35	35	32	417		
							G_Eleac	G_Eleac													0		
							G_Eleac	G_Eleac													0		
																		Total Nonproj hrs			3,966		
						Total NonProj/Pgm Demand			394	586	742	419	566	419	394	369	586	419	422	394	5,710		
						Total Supply			352	320	368	320	368	352	336	368	336	352	352	336	4,160		
									42	266	374	99	198	67	58	1	250	67	70	58	1550		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGK																	Prepared by		kklein			
Labor Class	G_Mech																	Date	06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:										*(enter employee count in "Units tab card")*													
Labor Supply	HGK	*Supply	*Supply	*Supply	*Supply	*Suppl	G_Mech	Available Ho	2	2	2	2	2	2	2	2	2	2	2	2	24		
Labor Demand:										*(enter hours in "Units tab card")*													
								NPW subtotal	64	64	48	64	64	64	64	64	64	64	92	68	784		
Holiday	HGK	098	HEL	ND	NHGZZZZZ	107	G_Mech	G_Mech	16	16	0	16	16	16	16	16	16	16	48	32	224		
Vacation	HGK	098	HEL	ND	NHGZZZZZ	107	G_Mech	G_Mech	14	14	14	14	14	14	14	14	14	14	10	10	160		
Other NPW	HGK	098	HEL	ND	NHGZZZZZ	107	G_Mech	G_Mech	34	34	34	34	34	34	34	34	34	34	34	26	400		
Workers Comp	HGK	098	HEL	ND	NHGZZZZZ	108	G_Mech	G_Mech	0	0	0	0	0	0	0	0	0	0	0	0	0		
Overhauls	See Projects/Programs					150	G_Mech	G_Mech		96	192		96				96				480		
Safety Training	HGK	797	HEL	NE	NHGZZZZZ	150	G_Mech	G_Mech	4	4	4	4	4	4	4	4	4	2	1	1	40		
Maint Training	HGK	789	CNS	NE	NHGZZZZZ	150	G_Mech	G_Mech	6	6	6	6	6	6	6	6	6	6	9	11	80		
Oper & Monitor Plan	HGK	244	CNS	NE	NHGZZZZZ	150	G_Mech	G_Mech	111	111	111	111	111	111	111	111	111	111	111	111	1,332		
Maint Stn Common	HGK	263	CNS	NE	NHGZZZZZ	150	G_Mech	G_Mech	122	122	122	122	122	122	122	122	122	122	122	122	1,464		
Maint Stn Common	HGK	263	CWT	NE	NHGZZZZZ	150	G_Mech	G_Mech	6	6	6	6	6	6	6	6	6	6	6	6	72		
Maint Stn Common	HGK	269	CNS	NE	NHGZZZZZ	150	G_Mech	G_Mech	26	26	26	26	26	26	26	26	26	26	26	26	312		
Maint Combust Turb	HGK	272	C02	NE	NHGZZZZZ	150	G_Mech	G_Mech	22	22	22	22	22	22	22	22	22	22	22	22	264		
Maint Combust Turb	HGK	273	C02	NE	NHGZZZZZ	151	G_Mech	G_Mech	35	35	35	35	35	35	35	35	35	35	35	35	420		
Maint Int Combust E	HGK	276	C22	NE	NHGZZZZZ	150	G_Mech	G_Mech	23	23	23	23	23	23	23	23	23	23	23	23	276		
Maint Int Combust E	HGK	276	C23	NE	NHGZZZZZ	150	G_Mech	G_Mech	16	16	16	16	16	16	16	16	16	16	16	10	186		
																		Total Non-prod hrs			4,446		
						Total NonProj/Pgm Demand			435	531	611	435	531	435	435	435	531	433	463	435	5,710		
						Total Supply			352	320	368	320	368	352	336	368	336	352	352	336	4,160		
									83	211	243	115	163	83	99	67	195	81	111	99	1,550		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGM labor 06-07.xls		Hawaii Electric Light Company						184030	A&G 925		A&G 925	549260					
	6/6/2006	Labor Forecast - GM Maintenance						HGM 098	HGM 098		HGM 797	HGM 789					Total
		2006						HEL ND	HEL ND		HEL NE	ANS NE					Proj &
								NHGZZZZZ	NHGZZZZZ		NHGZZZZZ	NHGZZZZZ					Nonproj
Empl.			Avail					107	108	Project	150	150	Remain	OT	Non Proj	Total	over/
#	Position		Hours	Holiday	Vacation	Sick	Other	NPL	WC	Overhaul	Safe Trng	Trng	Hours	Hours	Hours	Hours	under
30351	Maint. Supv., S&H	A. Ho	2,080	112	160	40	10	322	25	245	10	35	1443	550	2038	2,630	550
30730	Mech. Supv	S. Robertsor	2,080	112	200	40	10	362	25	245	10	35	1403	550	1998	2,630	550
30346	Elect. Supv	E. Lacro	2,080	112	120	40	10	282	25	246	10	35	1482	550	2077	2,630	550
TCS Total		3	6,240	336	480	120	30	966	75	736	30	105	4,328	1,650	6,113	7,890	1,650
30481	WF (mech)	M.Bello	2,080	112	200	40	10	362	25	736	10	35	912	550	1507	2,630	550
30916	WF (mech)	C. Yoneda	2,080	112	160	40	10	322	25	736	10	35	952	550	1547	2,630	550
30941	WF (mech)	T. Ayap	2,080	112	160	40	10	322	25	736	10	35	952	550	1547	2,630	550
33863	Welder	R.Rasse	2,080	112	120	40	10	282	25	736	10	35	992	550	1587	2,630	550
34515	Welder	S. Nozaki	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
30336	WF (Elec)	M.Day	2,080	112	120	40	10	282	25	736	10	35	992	550	1,587	2,630	550
	WF (ac)	vacant	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
BUTC Total		7	14,560	784	920	280	70	2,054	175	5,152	70	245	6,864	3,850	11,029	18,410	3,850
	Machinist	vacant	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
30344	Machinist	D.Decambra	2,080	112	120	40	10	282	25	736	10	35	1032	550	1627	2,670	590
33972	Machinist	R.Harrington	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
	Machinist/Mech	vacant	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
34099	Machinist/Mech	L.Iwata	2,080	112	80	40	10	242	25	736	10	35	1032	550	1627	2,630	550
G_Mech Total		5	10,400	560	440	200	50	1,250	125	3,680	50	175	5,160	2,750	8,135	13,190	2,790
34304	Sr. Electrician	B. Mills	2,080	112	80	40	10	242	25	736	10	35	1032	550	1,627	2,630	550
30947	Sr. Electrician	R.Chung	2,080	112	200	40	10	362	25	736	10	35	912	550	1,507	2,630	550
30945	Sr Auto Contr	N.Lopez	2,080	112	160	40	10	322	25	736	10	35	952	550	1,547	2,630	550
G_Eleac Total		3	6,240	336	440	120	30	926	75	2,208	30	105	2,896	1,650	4,681	7,890	1,650
	Total	18	37,440	2,016	2,280	720	180	5,196	450	11,776	180	630	19,248	9,900	29,958	47,380	9,940
	Average		2,080	112	127	40	10	289	25	654	10	35	1,069	550	1,664	2,632	552

NOTE 1:

Based On Historical 2001-2004 Averages As Follows -

	Sick	Other	Injuries	act 797 Safe Tr	act 789 Training
2001	288	64	1,398	162	534
2002	1,223	88	180	116	452
2003	686	168	0	68	283
2004	680	358	0	300	622
Average	719	170	394	161	473
# EE's	18	18	18	18	18
Avg Hrs/EE	40	9	22	9	26
SAY	40	10	25	10	35

NOTE 2:

Based On Historical 2001-2004 Averages As Follows -

	Prod ST	Extra ST	OT	DT	OT total	Total hrs
2001	40,877	1,069	5,830	1,710	8,609	49,485
2002	40,691	720	8,388	2,833	11,942	52,633
2003	37,547	976	8,032	2,511	11,519	49,066
2004	32,423	479	5,139	1,645	7,263	39,686
Average	37,884	811	6,847	2,175	9,833	47,717
- EE's	18	18	18	18	18	18
Avg hrs/ee	2,105	45	380	121	546	2,651

Rounded $550

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGM																	Prepared by	kklein				
Labor Class	TCS	Supv																Date	06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGM	*Supply	*Supply	*Supply	*Supply	Suppl	TCS	Available Ho	3	3	3	3	3	3	3	3	3	3	3	3	36		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	77	77	53	77	77	77	77	77	77	77	125	95	966		
Holiday	HGM	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	24	24	0	24	24	24	24	24	24	24	72	48	336		
Vacation	HGM	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	40	40	40	40	40	40	40	40	40	40	40	40	480		
Other NPW	HGM	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	13	13	13	13	13	13	13	13	13	13	13	7	150		
Workers Comp	HGM	098	HEL	ND	NHGZZZZZ	108	TCS	TCS	6	6	6	6	6	6	6	6	6	6	6	9	75		
Overhauls	See Projects/Programs					150	TCS	TCS			96	200	152		56	208	24				736		
Safety Training	HGM	797	RST	NS	NHGZZZZZ	150	TCS	TCS	3	3	3	3	3	3	3	3	3	1	1	1	30		
Maint Training	HGM	789	RST	NS	NHGZZZZZ	150	TCS	TCS	9	9	9	9	9	9	9	9	9	9	9	6	105		
Plan/Schedule Mainten	HGM	256	CNS	NS	NHGZZZZZ	150	TCS	TCS	233	133	133	33	33	233	133	133	133	133	133	128	1,591		
Maint Boiler Plt & Rel E	HGM	259	P01	NS	NHGZZZZZ	150	TCS	TCS	143	143	143	143	143	143	143	143	143	143	143	147	1,720		
Maint Boiler Plt & Rel E	HGM	259	R05	NS	NHGZZZZZ	150	TCS	TCS	82	82	82	82	82	82	82	82	82	82	82	82	984		
Maint Boiler Plt & Rel E	HGM	259	R06	NS	NHGZZZZZ	150	TCS	TCS	55	55	55	55	55	55	55	55	55	55	55	55	660		
Maint Boiler Plt & Rel E	HGM	259	S03	NS	NHGZZZZZ	150	TCS	TCS	28	28	28	28	28	28	28	28	28	28	28	28	336		
Maint SteamTurbo Gen	HGM	262	P01	NS	NHGZZZZZ	150	TCS	TCS	10	10	10	10	10	10	10	10	10	10	10	10	120		
Maint SteamTurbo Gen	HGM	262	R05	NS	NHGZZZZZ	150	TCS	TCS	23	23	23	23	23	23	23	23	23	23	23	23	276		
Maint Com Turb Gen E	HGM	274	P03	NS	NHGZZZZZ	150	TCS	TCS	25	25	25	25	25	25	25	25	25	25	25	16	291		
																					6,113		
						Total NonProj/Pgm Demand			694	594	666	694	646	694	650	802	618	592	640	600	7,890		
						Total Supply			528	480	552	480	552	528	504	552	504	528	528	504	6,240		
									166	114	114	214	94	166	146	250	114	64	112	96	1,650		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGM																	Prepared by		kklein			
Labor Class	BUTC																	Date	06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Cls	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGM	*Supply	*Supply	*Supply	*Supply	Suppl	BUTC	Available Hours	7	7	7	7	7	7	7	7	7	7	7	7	84		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	162	162	106	162	162	162	162	162	162	162	274	216	2,054		
Holiday	HGM	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	56	56	0	56	56	56	56	56	56	56	168	112	784		
Vacation	HGM	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	77	77	77	77	77	77	77	77	77	77	77	73	920		
Other NPW	HGM	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	29	29	29	29	29	29	29	29	29	29	29	31	350		
Workers Comp	HGM	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC	15	15	15	15	15	15	15	15	15	15	15	10	175		
Overhauls	See Projects/Programs					150	BUTC	BUTC			672	1,400	1,064		392	1,456	168				5,152		
Safety Training	HGM	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	6	6	6	6	6	6	6	6	6	6	6	4	70		
Maint Training	HGM	789	RST	NE	NHGZZZZZ	150	BUTC	BUTC	20	20	20	20	20	20	20	20	20	20	20	25	245		
Plan/Schedule Mainte	HGM	256	P01	NS	NHGZZZZZ	150	BUTC	BUTC	86	50	5			100	50		100	555		80	1,026		
Plan/Schedule Mainte	HGM	256	RST	NS	NHGZZZZZ	150	BUTC	BUTC	407	407				307	207		307	307	307	240	2,489		
Plan/Schedule Mainte	HGM	256	SST	NS	NHGZZZZZ	150	BUTC	BUTC	57	57	57	57	57	57	57	57	57	57	57	55	682		
Maint Boiler Plt & Rel	HGM	259	P01	NE	NHGZZZZZ	150	BUTC	BUTC	208	208	208	208	208	208	208	208	208	208	208	208	2,496		
Maint Boiler Plt & Rel	HGM	259	R05	NE	NHGZZZZZ	150	BUTC	BUTC	94	130	120			150	150		140	140	140	84	1,128		
Maint Boiler Plt & Rel	HGM	259	R06	NE	NHGZZZZZ	150	BUTC	BUTC	95	95	95			95	95	95	95	95	95	279	1,134		
Maint Boiler Plt & Rel	HGM	259	S03	NE	NHGZZZZZ	150	BUTC	BUTC	46	46	46	46	46	46	46	46	46	46	46	47	553		
Maint Boiler Plt & Rel	HGM	259	S04	NE	NHGZZZZZ	150	BUTC	BUTC	53	53	53	53	53	53	53	53	53	53	53	47	630		
Maint Steam TurboG	HGM	262	SST	NE	NHGZZZZZ	150	BUTC	BUTC	48	48	48	48	48	48	48	48	48	48	48	48	576		
															Total Prod Hours - Pillar Nonproj file						11,029		
						Total NonProj/Pgm Demand			1,297	1,297	1,451	2,015	1,679	1,267	1,509	2,166	1,425	1,712	1,269	1,323	18,410		
						Total Supply			1,232	1,120	1,288	1,120	1,288	1,232	1,176	1,288	1,176	1,232	1,232	1,176	14,560		
									65	177	163	895	391	35	333	878	249	480	37	147	3,850		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGM																Prepared by		kklein				
Labor Class	G Mech																Date		06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGM	*Supply	*Supply	*Supply	*Supply	Suppl	G Mech	Available Ho	5	5	5	5	5	5	5	5	5	5	5	5	60		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	98	98	58	98	98	98	98	98	98	98	178	132	1,250		
Holiday	HGM	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	40	40	0	40	40	40	40	40	40	40	120	80	560		
Vacation	HGM	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	37	37	37	37	37	37	37	37	37	37	37	33	440		
Other NPW	HGM	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	21	21	21	21	21	21	21	21	21	21	21	19	250		
Workers Comp	HGM	098	HEL	ND	NHGZZZZZ	108	G Mech	G Mech	10	10	10	10	10	10	10	10	10	10	10	15	125		
Overhauls	See Projects/Programs					150	G Mech	G Mech			480	1,000	760		280	1,040	120				3,680		
Safety Training	HGM	797	HEL	NE	NHGZZZZZ	150	G Mech	G Mech	4	4	4	4	4	4	4	4	4	4	4	6	50		
Maint Training	HGM	789	RST	NE	NHGZZZZZ	150	G Mech	G Mech	15	15	15	15	15	15	15	15	15	15	15	10	175		
Plan/Schedule Mainte	HGM	256	P01	NS	NHGZZZZZ	150	G Mech	G Mech	18	18	18	18	18	18	18	18	18	18	18	18	216		
Plan/Schedule Mainte	HGM	256	RST	NS	NHGZZZZZ	150	G Mech	G Mech	20	20	20	20	20	20	20	20	20	20	20	20	240		
Plan/Schedule Mainte	HGM	256	SST	NS	NHGZZZZZ	150	G Mech	G Mech	14	14	14	14	14	14	14	14	14	14	14	14	168		
Maint Boiler Plt & Rel	HGM	259	P01	NE	NHGZZZZZ	150	G Mech	G Mech	105	105				105	105		100	350	310	78	1,258		
Maint Boiler Plt & Rel	HGM	259	R05	NE	NHGZZZZZ	150	G Mech	G Mech	300	210	300	300	300	150	150	50	150	50	150	150	2,260		
Maint Boiler Plt & Rel	HGM	259	R05	NS	NHGZZZZZ	150	G Mech	G Mech	20	20	20	20	20	20	20	20	20	20	20	20	240		
Maint Boiler Plt & Rel	HGM	259	R06	NE	NHGZZZZZ	150	G Mech	G Mech	54	54	54			54	54		54	54	54	216	648		
Maint Boiler Plt & Rel	HGM	259	S03	NE	NHGZZZZZ	150	G Mech	G Mech	39	39	39			39	39		39	39	39	156	468		
Maint Boiler Plt & Rel	HGM	259	S04	NE	NHGZZZZZ	150	G Mech	G Mech	26	26	26	26	26	26	26	26	26	26	26	26	312		
Maint Boiler Plt & Rel	HGM	259	S04	NS	NHGZZZZZ	150	G Mech	G Mech	7	7	7	7	7	7	7	7	7	7	7	7	84		
Maint Steam TurboG	HGM	262	R05	NE	NHGZZZZZ	150	G Mech	G Mech	18	18	18	18	18	18	18	18	18	18	18	18	216		
Maint Steam TurboG	HGM	262	SST	NE	NHGZZZZZ	150	G Mech	G Mech	33	33	33	33	33	33	33	33	33	33	33	33	396		
Maint Stn Common S	HGM	263	ANS	NE	NHGZZZZZ	150	G Mech	G Mech	28	28	28	28	28	28	28	28	28	28	28	28	336		
Maint Stn Common S	HGM	265	VHY	NE	NHGZZZZZ	150	G Mech	G Mech	26	26	26	26	26	26	26	26	26	26	26	26	312		
Maint Stn Common S	HGM	265	UHY	NE	NHGZZZZZ	150	G Mech	G Mech	41	41	41	41	41	41	41	41	41	41	41	41	492		
Maint Fuel Feed Syst	HGM	271	RST	NE	NHGZZZZZ	150	G Mech	G Mech	23	23	23	23	23	23	23	23	23	23	23	11	264		
															Total Prod Hours - Pillar Nonproject file						8,135		
						Total NonProj/Pgm Demand			899	809	1,234	1,701	1,461	749	1,029	1,491	864	894	1,034	1,025	13,190		
						Total Supply			880	800	920	800	920	880	840	920	840	880	880	840	10,400		
									19	9	314	901	541	-131	189	571	24	14	154	185	2790		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/15, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (1/									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGM																	Prepared by		kklein			
Labor Class	G Elec																	Date	06/05/06				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply :									*(enter employee count in "Units tab card")*														
Labor Supply	HGM	*Supply	*Supply	*Supply	*Supply	*Suppl	G Elec	Available Hou	3	3	3	3	3	3	3	3	3	3	3	3	36		
Labor Demand :									*(enter hours in "Units tab card")*														
								NPW subtotal	74	74	50	74	74	74	74	74	74	74	122	88	926		
Holiday	HGM	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	24	24	0	24	24	24	24	24	24	24	72	48	336		
Vacation	HGM	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	37	37	37	37	37	37	37	37	37	37	37	33	440		
Other NPW	HGM	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	13	13	13	13	13	13	13	13	13	13	13	7	150		
Workers Comp	HGM	098	HEL	ND	NHGZZZZZ	108	G Elec	G Elec	6	6	6	6	6	6	6	6	6	6	6	9	75		
Overhauls	See Projects/Programs					150	G Elec	G Elec			288	600	456		168	624	72				2,208		
Safety Training	HGM	797	HEL	NE	NHGZZZZZ	150	G Elec	G Elec	3	3	3	3	3	3	3	3	3	1	1	1	30		
Maint Training	HGM	789	ANS	NE	NHGZZZZZ	150	G Elec	G Elec	9	9	9	9	9	9	9	9	9	9	9	6	105		
Maint Boiler Plt & Rel	HGM	257	P01	NE	NHGZZZZZ	150	G Elec	G Elec	15	15	15	15	15	15	15	15	15	15	15	22	187		
Maint Boiler Plt & Rel	HGM	259	P01	NE	NHGZZZZZ	150	G Elec	G Elec	80	80	80	80	80	80	80	80	80	80	80	77	957		
Maint Boiler Plt & Rel	HGM	259	R05	NE	NHGZZZZZ	150	G Elec	G Elec	101	101	101	101	101	101	101	101	101	101	101	95	1,206		
Maint Boiler Plt & Rel	HGM	259	R06	NE	NHGZZZZZ	150	G Elec	G Elec	34	34	34	34	34	34	34	34	34	34	34	34	408		
Maint Boiler Plt & Rel	HGM	259	S03	NE	NHGZZZZZ	150	G Elec	G Elec	18	18	18	18	18	18	18	18	18	18	18	18	216		
Maint Boiler Plt & Rel	HGM	259	S04	NE	NHGZZZZZ	150	G Elec	G Elec	14	14	14	14	14	14	14	14	14	14	14	14	168		
Maint Steam TurboG	HGM	262	R05	NE	NHGZZZZZ	150	G Elec	G Elec	17	17	17	17	17	17	17	17	17	17	17	17	204		
Maint Stn Common S	HGM	265	RST	NE	NHGZZZZZ	150	G Elec	G Elec	23	23	23	23	23	23	23	23	23	23	23	23	276		
Maint Stn Common S	HGM	265	SST	NE	NHGZZZZZ	150	G Elec	G Elec	15	15	15	15	15	15	15	15	15	15	15	15	180		
Maint CT Gen & Elec	HGM	274	P03	NE	NHGZZZZZ	150	G Elec	G Elec	30	30	30	30	30	30	30	30	30	30	30	30	360		
Maint Renew Energy	HGM	278	U02	NE	NHGZZZZZ	150	G Elec	G Elec	11	11	11	11	11	11	11	11	11	11	11	11	132		
Maint Renew Energy	HGM	278	V01	NE	NHGZZZZZ	150	G Elec	G Elec	13	13	13	13	13	13	13	13	13	13	13	13	156		
Maint Renew Energy	HGM	278	V02	NE	NHGZZZZZ	150	G Elec	G Elec	8	8	8	8	8	8	8	8	8	8	8	8	96		
																Total Prod Hrs - Pillar Nonproj file					4,681		
						Total NonProj/Pgm Demand			471	471	735	1,071	927	471	639	1,095	543	469	517	481	7,890		
						Total Supply			528	480	552	480	552	528	504	552	504	528	528	504	6,240		
									-57	-9	183	591	375	-57	135	543	39	-59	-11	-23	1650		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGP labor 06-07.xls

6/6/2006

Hawaii Electric Light Company

Labor Forecast - GP

2006

Labor Class: BUTC

	EE #	Position		Available Hours	Holiday	Vacation	Sick	Other	184030 HGP 098 HEL NC NHGZZZZZ 107 NPL	925 HGP 098 HEL ND NHGZZZZZ 108 WC	Remaining Hours	505230 HGP 243 P01 NE NHGZZZZZ 150 Cntr Op	502230 HGP 242 P01 NE NHGZZZZZ 150 Blr Op	505210 HGP 243 SST NE NHGZZZZZ 150 Cntl (Shp)	502210 HGP 242 S03 / S04 NHGZZZZZ 150 Blr Op	502210 HGP 244 P03 NHGZZZZZ 150 Opr (CT3)	Various Projects See: Project File	925 HGP 797 HEL NE NHGZZZZZ 150 SafeTmg	506230 HGP 789 PST NE NHGZZZZZ 150 Training	Total Product Hours	over/under
1	30944	Control Operator	F.Hoohuli	2080	112	160	60	10	342	0	1,738	1,981		100			32	25	300	2,438	700
2	30478	Control Operator	C.Camacho	2080	112	200	60	10	382	0	1,698	1,941		100			32	25	300	2,398	700
3	30948	Control Operator	C. Matsu	2080	112	160	60	10	342	0	1,738	1,981		100			32	25	300	2,438	700
4	30949	Control Operator	Kanui, A.	2080	112	160	60	10	342	0	1,738	1,981		100			32	25	300	2,438	700
5	30615	Control Operator	A.Alatan	2080	112	200	60	10	382	0	1,698	1,941		100			32	25	300	2,398	700
6	30671	Boiler Operator	F. Burgess	2080	112	200	60	10	382	0	1,698		1,501		200	340	32	25	300	2,398	700
7	20996	Boiler Operator	A. Kanaehol	2080	112	160	60	10	342	0	1,738		1,541		200	340	32	25	300	2,438	700
8		Boiler Operator	vacant	2080	112	80	60	10	262	0	1,818		1,621		200	340	32	25	300	2,518	700
9	34522	Boiler Operator	M. Pohina	2080	112	80	60	10	262	0	1,818		1,621		200	340	32	25	300	2,518	700
10	33815	Op Trainee	K. Shimabur	2080	112	80	60	10	262	0	1,818		1,621		200	340	32	25	300	2,518	700
				20,800	1,120	1,480	600	100	3,300	0	17,500	9,825	7,905	500	1,000	1,700	320	250	3,000	24,500	7,000
		Average		2,080	112	148	60	10	330	0	1,750	1,965	1,581	100	200	340	32	25	300	2,450	700

NOTE 1:

Based On Historical 2002-2004 Averages As Follows -

	Sick	Other	Injuries	SafeTmg	Trng
2002	316	40	0	123	2288
2003	400	96	0	266	3543
2004	931	32	0	247	2837
Average	549	56	0	212	2889
-EEs	10	10	10	10	10
Avg hrs/ee	55	6	0	21	289
SAY	60	10	0	25	300

NOTE 2:

Based On Historical 2002-2004 Averages As Follows -

	#ee's	ST	OT	DT	Total	OT avg/ee
2002	10	16,686	4,162	4,206	25,055	837
2003	10	23,956	4,689	3,962	32,607	865
2004	10	17,854	3,934	3,033	24,821	697
6 yr Avg		19,499	4,262	3,734	27,494	800
%-age		71%	16%	14%	100%	Say 700 hrs OT

NOTE 3:

Puna operates baseload 24 hours	Cntl Op	Blr Op
Base loaded Operational days	365	365
Operator hours/day	24	24
Hours needed	8,760	8,760
SAY - Round Up	9,000	9,000
Less GP Hours	(9,825)	(7,905)
	(825)	1,095

Shipman operates: 2 shifts per week 2005 only; 2006 5 shifts with 9 staff

52 wksx2 daysx8 hrs/day=832 hrs : Round ~ 1,000 hours

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGP																	Prepared by	kklein				
Labor Class	BUTC																	Date	6/5/2006 14:00				
	Dimension tab card							Rates tab card	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGP	*Suppl	*Suppl	*Suppl	*Supply	*Suppl	BUTC	*Available Hour	10	10	10	10	10	10	10	10	10	10	10	10	120		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtotal	261	261	181	261	261	261	261	261	261	261	421	349	3,300		
Holiday	HGP	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	80	80	0	80	80	80	80	80	80	80	240	160	1,120		
Vacation	HGP	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	123	123	123	123	123	123	123	123	123	123	123	127	1,480		
Other NPW	HGP	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	58	58	58	58	58	58	58	58	58	58	58	62	700		
Workers Comp	HGP	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC	0	0	0	0	0	0	0	0	0	0	0	0	0		
See Project File									27	27	27	27	27	27	27	27	27	27	27	23	320		
Safety Training	HGP	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	21	21	21	21	21	21	21	21	21	21	21	19	250		
Othr/Environ Training	HGP	789	PST	NE	NHGZZZZZ	150	BUTC	BUTC	250	250	250	250	250	250	250	250	250	250	250	250	3,000		
Puna Control Op	HGP	243	P01	NE	NHGZZZZZ	150	BUTC	BUTC	819	819	819	819	819	819	819	819	819	819	819	816	9,825		
Puna Boiler Op	HGP	242	P01	NE	NHGZZZZZ	150	BUTC	BUTC	659	659	659	659	659	659	659	659	659	659	659	656	7,905		
Puna CT3 Op	HGP	242	P03	NE	NHGZZZZZ	150	BUTC	BUTC	142	142	142	142	142	142	142	142	142	142	142	138	1,700		
Shp Control Op	HGP	243	SST	NE	NHGZZZZZ	150	BUTC	BUTC	42	42	42	42	42	42	42	42	42	42	42	38	500		
Shp Blr Op	HGP	242	S03	NE	NHGZZZZZ	150	BUTC	BUTC	42	42	42	42	42	42	42	42	42	42	42	38	500		
Shp Blr Op	HGP	242	S04	NE	NHGZZZZZ	150	BUTC	BUTC	42	42	42	42	42	42	42	42	42	42	42	38	500		
																Total Prod Hrs - Pillar Nonproject file					24,180		
						Total NonProj/Pgm Demand			2,305	2,305	2,225	2,305	2,305	2,305	2,305	2,305	2,305	2,305	2,465	2,365	27,800		
						Total Supply			1,760	1,600	1,840	1,800	1,840	1,760	1,680	1,840	1,680	1,760	1,760	1,680	20,800		
									545	705	385	705	465	545	625	465	625	545	705	685	7000		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25,									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080		

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGT labor 06-07.xls
6/6/2006

Hawaii Electric Light Company
Labor Forecast - GT
2006

FY 2006

	Empl #		Position	labor class	Available Hours	Holiday	Vacation	Sick	Other	184030 HGT 098 HEL ND NHGZZZZZ 107 NPL	A&G 925 HGT 098 HEL ND NHGZZZZZ 108 WC	Remain. Hours	OT Hours	A&G 925 HGA 797 HEL NE NHGZZZZZ 150 Safe Trng	A&G 925 HGA 789 HPO NS NHGZZZZZ 150 Training	Various Projects See: Proj. Files	Remaining Prod Hours 150	Total Product Hours	Total Hours	over/under
1	30269	nu	Technical Supt	FS	2,080	112	200	20	0	332	0	1,748	125	8	92	176	1,597	1,873	2,205	125
2	30280	dh	Staff Engineer	TC	2,080	112	160	20	0	292	0	1,788	100	8	92	98	1,690	1,888	2,180	100
3	30902	db	Env. Compl Coord.	TC	2,080	112	200	20	0	332	0	1,748	100	8	88	5	1,747	1,848	2,180	100
4	34430	dm	Resource Planner	TC	2,080	112	80	20	0	212	0	1,868	100	8	88	5	1,867	1,968	2,180	100
5	vacant		Resource Planner	TC	2,080	112	80	20	0	212	0	1,868	100	8	88		1,872	1,968	2,180	100
			Total TC		8,320	448	520	80	0	1,048	0	7,272	400	32	356	108	7,176	7,672	8,720	400
			Total		10,400	560	720	100	0	1,380	0	9,020	525	40	448	284	8,773	9,545	10,925	525
			Average		2,080	112	144	20	0	276	0	1,804	105	8	90	71	1,755	1,909	2,185	105

NOTE 1: Based On Historical 2002-2004 Averages As Follows -

Source: HWR82CA for GT

	Sick	Other	Injuries	Safety	(tcs) extra ST
2002					
2003	32	0	0	26	129
2004	128	0	0	0	398
Average	80	0	0	13	263
-EEs	4	4	4	4	4
Avg Hrs/E	20	0	0	3	66
SAY	20	0	0	5	70

Safety Training - Use 8 hrs per year

Training - Includes annual environmental & 8 hrs Hazwoper refresher

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGT																	Prepared by	kklein				
Labor Class	FS																	Date	4/7/05				
		Dimension tab card						Rates tab car	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Clas	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGT	*Supply	*Supply	*Supply	*Supply	Suppl	FS	Available H	1	1	1	1	1	1	1	1	1	1	1	1	12		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtota	27	27	19	27	27	27	27	27	26	25	41	32	332		
Holiday	HGT	098	HEL	ND	NHGZZZZZ	107	FS	FS	8	8	0	8	8	8	8	8	8	8	24	16	112		
Vacation	HGT	098	HEL	ND	NHGZZZZZ	107	FS	FS	17	17	17	17	17	17	17	17	16	16	16	16	200		
Other NPW	HGT	098	HEL	ND	NHGZZZZZ	107	FS	FS	2	2	2	2	2	2	2	2	2	1	1	0	20		
Workers Comp	HGT	098	HEL	ND	NHGZZZZZ	108	FS	FS	0	0	0	0	0	0	0	0	0	0	0	0	0		
SEE PROJECTS / PROGRAM FILES						150	FS	FS	16	16	16	16	16	16	16	16	16	16	16		176		
Safety Training	HGT	797	ANS	NS	NHGZZZZZ	150	FS	FS	1	1	1	1	1	1	1	1	0	0	0	0	8		
Maint Training	HGT	789	HPM	NS	NHGZZZZZ	150	FS	FS	7	7	7	7	8	8	8	8	8	8	8	8	92		
Develop Outage &	HGT	255	ANS	NS	NHGZZZZ	150	FS	FS	25	25	25	25	25	25	25	25	25	25	25	25	300		
Develop Outage &	HGT	255	P01	NS	NHGZZZZ	150	FS	FS	25	25	25	25	25	25	25	25	25	25	25	25	300		
Develop Outage &	HGT	255	SST	NS	NHGZZZZ	150	FS	FS	24	24	24	24	24	24	24	24	24	24	24	29	293		
Maint Stm Trub G	HGT	262	R05	NE	NHGZZZZ	150	FS	FS	41	41	41	41	41	41	41	41	41	41	41	46	497		
Maint Int Combust	HGT	276	ANS	NE	NHGZZZZ	150	FS	FS	15	15	30	0	17	13	15	17	13	15	15	19	184		
Provide & Mnge R	HGT	950	HEL	NS	NHGZZZZ	150	FS	FS	16	7	0	0	0	0	0	0	0	0	0	0	23		
															Total Prod Hours - Pillar Nonproject fil						1,697		
						Total NonProj/Pgm Demand			197	188	188	166	184	180	182	184	178	179	195	184	2,205		
						Total Supply			176	160	184	160	184	176	168	184	168	176	176	168	2,080		
									21	28	4	6	0	4	14	0	10	3	19	16	125		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080		

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGT																	Prepared by	kklein				
Labor Class	TC																	Date	11/15/05				
		Dimension tab card						Rates tab ca	Units tab card														
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link T	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
Labor Supply:									*(enter employee count in "Units tab card")*														
Labor Supply	HGT	Supply	Supply	Suppl	Supply	Suppl	TC	Available H	4	4	4	4	4	4	4	4	4	4	4	4	48		
Labor Demand:									*(enter hours in "Units tab card")*														
								NPW subtot	82	82	50	82	82	82	82	82	82	82	146	110	1,048		
Holiday	HGT	098	HEL	ND	NHGZZZZZ	107	TC	TC	32	32	0	32	32	32	32	32	32	32	96	64	448		
Vacation	HGT	098	HEL	ND	NHGZZZZZ	107	TC	TC	43	43	43	43	43	43	43	43	43	43	43	43	520		
Other NPW	HGT	098	HEL	ND	NHGZZZZZ	107	TC	TC	7	7	7	7	7	7	7	7	7	7	7	3	80		
Workers' Comp	HGT	098	HEL	ND	NHGZZZZZ	108	TC	TC													0		
See Project Files									10	10	10	10	10	10	10	10	9	9	9	1	108		
Safety Training	HGT	789	RST	NS	NHGZZZZZ	150	TC	TC	3	3	3	3	3	3	3	3	2	2	2	2	32		
Other Training	HGT	797	HEL	HPM	NHGZZZZZ	150	TC	TC	30	30	30	30	30	30	30	30	30	30	30	26	356		
Manage Oper & Maint fo	HGT	230	RST	NS	NHGZZZZZ	150	TC	TC	22	22	22	22	22	22	22	22	22	22	22	20	262		
Dev Outage & Proj Plans	HGT	255	P01	NS	NHGZZZZZ	150	TC	TC	28	28	28	28	28	28	28	28	28	28	28	29	337		
Dev Outage & Proj Plans	HGT	255	RST	NS	NHGZZZZZ	150	TC	TC	30	30	30	30	30	30	30	30	30	30	30	25	355		
Dev Outage & Proj Plans	HGT	255	SST	NS	NHGZZZZZ	150	TC	TC	47	47	47	47	47	47	47	47	47	47	47	43	560		
Prep & File Fin Rpts/Stat	HGT	835	HPO	NS	NHGZZZZZ	150	TC	TC	311	311	311	311	311	311	311	311	311	311	311	314	3,735		
Comply Ongoing Permit/	HGT	875	RST	NS	NHGZZZZZ	150	TC	TC	44	44	44	44	44	44	44	44	44	44	44	47	531		
Comply Ongoing-Wastev	HGT	876	RST	NS	NHGZZZZZ	150	TC	TC	54	54	54	54	54	54	54	54	54	54	54	49	643		
Comply Ongoing-Wastev	HGT	876	SST	NS	NHGZZZZZ	150	TC	TC	28	28	28	28	28	28	28	28	28	28	28	32	340		
Comply Ongoing-Solid &	HGT	877	RST	NS	NHGZZZZZ	150	TC	TC	42	42	84	0	52	32	42	52	32	25	5	5	413		
																Total Prod Hours - Pillar Nonproject file					7,176		
							Total NonProj/Pgm Demand		731	731	741	689	741	721	731	741	719	712	756	703	8,720		
							Total Supply		704	640	736	640	736	704	672	736	672	704	704	672	8,320		
									27	91	5	49	5	17	59	5	47	8	52	31	400		
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12									8	8	0	8	8	8	8	8	8	8	24	16	112		
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2,080		

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGW labor 05-06.xls

6/5/2006

Hawaii Electric Light Company

Labor Forecast - GW

2006

Labor Class: BUTC

	EE #	Position		Available Hours	Holiday	Vacation	Sick	Other	184030 HGW 098 HEL NC NHGZZZZZ 107 NPL	925 HGW 098 HEL ND NHGZZZZZ 108 WC	Remaining Hours	505210 HGW 243 SST NE NHGZZZZZ 150 Cntr Op	502210 HGW 242 S03 / S04 NHGZZZZZ 150 Blr Op	925 HGW 797 HEL NE NHGZZZZZ 150 SafeTmg	506230 HGW 789 SST NE NHGZZZZZ 150 Training	Total Product Hours	over/under
1		Control Operator	Vacant	2080	112	80	40	5	237	0	1,843	2,118		25	400	2,543	700
2		Control Operator	Vacant	2080	112	80	40	5	237	0	1,843	2,118		25	400	2,543	700
3		Control Operator	Vacant	2080	112	80	40	5	237	0	1,843	2,118		25	400	2,543	700
4		Boiler Operator	Vacant	2080	112	80	40	5	237	0	1,843		2,118	25	400	2,543	700
5		Boiler Operator	Vacant	2080	112	80	40	5	237	0	1,843		2,118	25	400	2,543	700
6		Boiler Operator	Vacant	2080	112	80	40	5	237	0	1,843		2,118	25	400	2,543	700
7		Boiler Operator	Vacant	2080	112	80	40	5	237	0	1,843		2,118	25	400	2,543	700
8		Boiler Operator	Vacant	2080	112	80	40	5	237	0	1,843		2,118	25	400	2,543	700
				16,640	896	640	320	40	1,896	0	14,744	6,354	10,590	200	3,200	20,344	5,600
		Average		2,080	112	80	40	5	237	0	1,843	2,118	2,118	25	400	2,543	700

NOTE 1:

Based On GP's Historical 2002-2004 Averages As Follows -

	Sick	Other	Injuries	SafeTmg	Trng
2002	316	40	0	123	2288
2003	400	96	0	266	3543
2004	931	32	0	247	2837
Average	549	56	0	212	2889
-EEs	10	10	10	10	10
Avg hrs/ee	55	6	0	21	289
SAY	40	5	0	25	

Will use 400 hrs training per LD

NOTE 2:

Based On GP's Historical 2002-2004 Averages As Follows -

	#ee's	ST	OT	DT	Total	OT avg/ee
2002	10	16,686	4,162	4,206	25,055	837
2003	10	23,956	4,689	3,962	32,607	865
2004	10	17,854	3,934	3,033	24,821	697
3 yr Avg		19,499	4,262	3,734	27,494	800
%-age		71%	16%	14%	100%	Say 700hrs

Labor Input Sheet - NonProject/NonProgram

2006

Resp Area (RA)	HGW	Prepared by	kklein
Labor Class	BUTC	Date	6/5/2006 14:00

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGW	*Suppl	*Suppl	*Suppl	*Supply	*Suppl	BUTC	Available Hou	8	8	8	8	8	8	8	8	8	8	8	8	96
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	147	147	83	147	147	147	147	147	147	147	275	215	1,896
Holiday	HGW	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	64	64	0	64	64	64	64	64	64	64	192	128	896
Vacation	HGW	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	53	53	53	53	53	53	53	53	53	53	53	57	640
Other NPW	HGW	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	30	30	30	30	30	30	30	30	30	30	30	30	360
Workers Comp	HGW	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC													0
Safety Training	HGW	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	17	17	17	17	17	17	17	17	17	17	17	13	200
Other Training	HGW	789	SST	NE	NHGZZZZZ	150	BUTC	BUTC	267	267	267	267	267	267	267	267	267	267	267	263	3,200
Shp Control Op	HGW	243	SST	NE	NHGZZZZZ	150	BUTC	BUTC	530	530	530	530	530	530	530	530	530	530	530	524	6,354
Shp Blr Op	HGW	242	S03	NE	NHGZZZZZ	150	BUTC	BUTC	441	441	441	441	441	441	441	441	441	441	441	444	5,295
Shp Blr Op	HGW	242	S04	NE	NHGZZZZZ	150	BUTC	BUTC	441	441	441	441	441	441	441	441	441	441	441	444	5,295
																Total Prod Hrs - Pillar Nonproject file					20,344
						Total NonProj/Pgm Demand			1,843	1,843	1,779	1,843	1,843	1,843	1,843	1,843	1,843	1,843	1,971	1,903	22,240
						Total Supply			1,408	1,280	1,472	1,280	1,472	1,408	1,344	1,472	1,344	1,408	1,408	1,344	16,640
									435	563	307	563	371	435	499	371	499	435	563	559	5600
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/2									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

HGX labor 06-07.xls		Hawaii Electric Light Company						184030	A&G 925		A&G 925	549260					
	6/6/2006 15:17	Labor Forecast - GX Maintenance						HGM 098	HGM 098		HGM 797	HGM 789					Total
		2006						HEL ND	HEL ND		HEL NE	ANS NE					Proj &
								NHGZZZZZ	NHGZZZZZ		NHGZZZZZ	NHGZZZZZ					Nonproj
Empl.			Avail					107	108	Project	150	150	Remain	OT	Non Proj	Total	over/
#	Position		Hours	Holiday	Vacation	Sick	Other	NPL	WC	Overhaul	Safe Trng	Trng	Hours	Hours	Hours	Hours	under
30910	Mech. Supv	K.Yoneda	2,080	112	160	100	10	382	0	912	8	40	738	970	1,756	3,050	970
TCS Total		1	2,080	112	160	100	10	382	0	912	8	40	738	970	1,756	3,050	970
31015	WF (mech)	J.Nooney	2,080	112	120	100	10	342	0	552	8	40	1,138	970	2,156	3,050	970
30319	WF (elec)	R.Whittingto	2,080	112	200	100	10	422	0	552	8	40	1,058	970	2,076	3,050	970
BUTC Total		2	4,160	224	320	200	20	764	0	1104	16	80	2,196	1,940	4,232	6,100	1940
vac	Sr. Mechanic	vacant	2,080	112	80	100	10	302	0	208	8	40	1,522	970	2,540	3,050	970
33984	Mach/Mechanic	Cann, P.	2,080	112	80	100	10	302	0	208	8	40	1,522	970	2,540	3,050	970
30308	Sr. Mechanic	K.Muranaka	2,080	112	120	100	10	342	0	208	8	40	1,482	970	2,500	3,050	970
G_Mech Total		3	6,240	336	280	300	30	946	0	624	24	120	4,526	2,910	7,580	9,150	2910
??	Control Tech	Brian Rice	2,080	112	80	100	10	302	0	336	8	40	1,394	970	2,412	3,050	970
33958	Sr. Electrician	N.Roloos	2,080	112	80	100	10	302	0	336	8	40	1,394	970	2,412	3,050	970
G_Eleac Total		2	4,160	224	160	200	20	604	0	672	16	80	2,788	1,940	4,824	6,100	1,940
	Total	8	16,640	896	920	800	80	2,696	0	3,312	64	320	10,248	7,760	18,392	24,400	7,760
	Average		2,080	112	115	100	10	337	0	414	8	40	1,281	970	2,299	3,050	970
	NOTE 1:								NOTE 2:								
	Based On 2003-2004 Average -				act 797	act 789			Based On 2003-2004 Average -								
		Sick	Other	Injuries	Safe Tr	Training					Prod ST	Extra ST	OT	DT		OT total	Total hrs
															-	- 0	0
	2003 Annualized	246	80	0	54	18			2003 Annualized		26,880	1,208	8,284	2,124		11,616	38,496
	2004	1,213	12	0	39	195			2004		10,890	345	2,733	682		3,760	14,650
	Average	730	46	0	47	106			Average		18,885	777	5,508	1,403		7,688	26,573
	# EE's	8	8	8	8	8			- EE's		8	8	8	8		8	8
	Avg Hrs/EE	91	6	0	6	13			Avg hrs/ee		2,361	97	689	175		961	3,322
	SAY	100	10	0	8	40									Rounded 970		

Labor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) HGX
Labor Class TCS Supv

Prepared by kklein
Date 06/06/06

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGX	*Supply	*Supply	*Supply	*Supply	*Supply	TCS	Available Hrs	1	1	1	1	1	1	1	1	1	1	1	1	12
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	30	30	22	30	30	30	30	30	30	30	46	44	382
Holiday	HGX	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	8	8	0	8	8	8	8	8	8	8	24	16	112
Vacation	HGX	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	13	13	13	13	13	13	13	13	13	13	13	17	160
Other NPW	HGX	098	HEL	ND	NHGZZZZZ	107	TCS	TCS	9	9	9	9	9	9	9	9	9	9	9	11	110
Workers Comp	HGX	098	HEL	ND	NHGZZZZZ	108	TCS	TCS	0	0	0	0	0	0	0	0	0	0	0	0	0
Overhauls	See Projects/Programs					150	TCS	TCS	96	192	192		96				96	176	64		912
Safety Training	HGX	797	HEL	NS	NHGZZZZZ	150	TCS	TCS	1	1	1	1	1	1	1	1	0	0	0	0	8
Maint Training	HGX	789	ANS	NS	NHGZZZZZ	150	TCS	TCS	3	3	3	3	3	3	3	3	3	3	5	5	40
Plan/Schedule Maintena	HGX	256	ANS	NS	NHGZZZZZ	150	TCS	TCS	98	98	36	98	98	110	108	108	108	108	108	96	1,174
Plan/Schedule Maintena	HGX	256	CNS	NS	NHGZZZZZ	150	TCS	TCS	40	10	10	40	30	30	30	60	40	20	60	110	480
Maint Combust Turbine	HGX	274	P03	NE	NHGZZZZZ	150	TCS	TCS	4	4	4	4	4	4	4	4	4	4	4	10	54
																					1,756
								Total NonProj/Pgm Demand	272	338	268	176	262	178	176	206	281	341	287	265	3,050
								Total Supply	176	160	184	160	184	176	168	184	168	176	176	168	2,080
									96	178	84	16	78	2	8	22	113	165	111	97	970
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (1									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) HGX
Labor Class BUTC

Prepared by kklein
Date 06/06/06

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Cls	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGX	*Supply	*Supply	*Supply	*Supply	*Suppl	BUTC	Available Hours	2	2	2	2	2	2	2	2	2	2	2	2	24
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	61	61	45	61	61	61	61	61	61	61	93	77	764
Holiday	HGX	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	16	16	0	16	16	16	16	16	16	16	48	32	224
Vacation	HGX	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	27	27	27	27	27	27	27	27	27	27	27	23	320
Other NPW	HGX	098	HEL	ND	NHGZZZZZ	107	BUTC	BUTC	18	18	18	18	18	18	18	18	18	18	18	22	220
Workers Comp	HGX	098	HEL	ND	NHGZZZZZ	108	BUTC	BUTC	0	0	0	0	0	0	0	0	0	0	0	0	0
Overhauls	See Projects/Programs					150	BUTC	BUTC	192	192								528	192		1,104
Safety Training	HGX	797	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	1	1	1	1	1	1	1	1	2	2	2	2	16
Maint Training	HGX	789	RST	NE	NHGZZZZZ	150	BUTC	BUTC	7	7	7	7	7	7	7	7	7	7	7	3	80
Plan/Schedule Mainte	HGX	256	P01	NS	NHGZZZZZ	150	BUTC	BUTC	22	22	22	22	22	22	22	42	42	2	2	16	258
Plan/Schedule Mainte	HGX	256	RST	NS	NHGZZZZZ	150	BUTC	BUTC	88	88	88	88	88	88	88	88	88	88	88	88	1,056
Maint Boiler Plt & Rel	HGX	259	P01	NE	NHGZZZZZ	150	BUTC	BUTC	95	95	95	95	95	95	95	95	95	95	95	93	1,138
Maint Boiler Plt & Rel	HGX	259	R05	NE	NHGZZZZZ	150	BUTC	BUTC	20	20	20	20	20	20	56	20	20	2	2	19	239
Maint Boiler Plt & Rel	HGX	259	R06	NE	NHGZZZZZ	150	BUTC	BUTC	33	33	33	33	33	33	33	63	63	3	3	31	394
Maint Boiler Plt & Rel	HGX	259	S03	NE	NHGZZZZZ	150	BUTC	BUTC	12	12	12	12	12	12	22	12	12	2	12	14	146
Maint Boiler Plt & Rel	HGX	259	S04	NE	NHGZZZZZ	150	BUTC	BUTC	13	13	13	13	13	23	13	13	13	3	13	17	160
Maint Steam TurboGe	HGX	262	SST	NE	NHGZZZZZ	150	BUTC	BUTC	11	11	11	11	11	11	22	11	11	0	11	16	137
Order Matls Equp Sup	HGX	842	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	20	20	20	20	60	5	5	40	20	5	5	21	241
Process Invoices & Ot	HGX	843	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	7	7	7	7	7	7	7	7	7	7	7	6	83
Process Matls & Trans	HGX	850	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	17	17	17	17	17	17	41	17	17	5	5	21	208
Perf Inven Contrl fr Ma	HGX	853	HEL	NE	NHGZZZZZ	150	BUTC	BUTC	6	6	6	6	6	6	6	6	7	7	7	7	76
															Total Prod Hours - Pillar Nonproj file						4,232
								Total NonProj/Pgm Demand	605	605	397	413	453	408	479	483	465	817	544	431	6,100
								Total Supply	352	320	368	320	368	352	336	368	336	352	352	336	4,160
									253	285	29	93	85	56	143	115	129	465	192	95	1,940
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) HGX
Labor Class G Mech

Prepared by kklein
Date 06/06/06

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGX	*Supply	*Supply	*Supply	*Supply	*Suppl	G Mech	Available Hou	3	3	3	3	3	3	3	3	3	3	3	3	36
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	75	75	51	75	75	75	75	75	75	75	123	97	946
Holiday	HGX	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	24	24	0	24	24	24	24	24	24	24	72	48	336
Vacation	HGX	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	23	23	23	23	23	23	23	23	23	23	23	27	280
Other NPW	HGX	098	HEL	ND	NHGZZZZZ	107	G Mech	G Mech	28	28	28	28	28	28	28	28	28	28	28	22	330
Workers Comp	HGX	098	HEL	ND	NHGZZZZZ	108	G Mech	G Mech	0	0	0	0	0	0	0	0	0	0	0	0	0
Overhauls	See Projects/Programs					150	G Mech	G Mech	192	192								176	64		624
Safety Training	HGX	797	HEL	NE	NHGZZZZZ	150	G Mech	G Mech	2	2	2	2	2	2	2	2	2	2	2	2	24
Maint Training	HGX	789	ANS	NE	NHGZZZZZ	150	G Mech	G Mech	10	10	10	10	10	10	10	10	10	10	10	10	120
Oper & Monitor Plant	HGX	244	CNS	NE	NHGZZZZZ	150	G Mech	G Mech	163	163	163	163	163	163	163	163	163	163	163	163	1,958
Plan/Schedule Mainter	HGX	256	ANS	NS	NHGZZZZZ	150	G Mech	G Mech	58	58	58	58	58	58	58	58	58	58	58	58	696
Maint Stn Common St	HGX	263	ANS	NE	NHGZZZZZ	150	G Mech	G Mech	154	154	154	154	154	154	154	154	154	154	154	160	1,854
Maint Stn Common St	HGX	263	BNS	NE	NHGZZZZZ	150	G Mech	G Mech	48	48	48	48	48	48	48	48	48	48	48	48	576
Maint Stn Common St	HGX	263	CNS	NE	NHGZZZZZ	150	G Mech	G Mech	40	40	40	40	40	40	40	40	40	40	40	40	480
Maint Stn Common St	HGX	263	P03	NE	NHGZZZZZ	150	G Mech	G Mech	76	76	76	76	76	76	76	76	76	76	76	76	912
Maint Combust Turbin	HGX	272	A01	NE	NHGZZZZZ	150	G Mech	G Mech	52	2	102	32	72	52	52	72	32	52	52	52	624
Maint Combust Turbin	HGX	274	P03	NE	NHGZZZZZ	150	G Mech	G Mech	29	29	29	29	29	29	29	29	29	29	29	19	338
									0	0	0	0	0	0	0	0	0	0	0	0	
															Total Prod Hours - Pillar Nonproject file						7,580
								Total NonProj/Pgm Demand	899	849	733	687	727	707	707	727	687	883	819	725	9,150
								Total Supply	528	480	552	480	552	528	504	552	504	528	528	504	6,240
									371	369	181	207	175	179	203	175	183	355	291	221	2910
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29 (1									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may *NOT* equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Labor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) HGX
Labor Class G Elec

Prepared by kklein
Date 06/06/06

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Labor Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Labor Supply:									*(enter employee count in "Units tab card")*												
Labor Supply	HGX	*Supply	*Supply	*Supply	*Supply	*Supply	G Elec	Available Hours	2	2	2	2	2	2	2	2	2	2	2	2	24
Labor Demand:									*(enter hours in "Units tab card")*												
								NPW subtotal	47	47	31	47	47	47	47	47	47	47	79	71	604
Holiday	HGX	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	16	16	0	16	16	16	16	16	16	16	48	32	224
Vacation	HGX	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	13	13	13	13	13	13	13	13	13	13	13	17	160
Other NPW	HGX	098	HEL	ND	NHGZZZZZ	107	G Elec	G Elec	18	18	18	18	18	18	18	18	18	18	18	22	220
Workers Comp	HGX	098	HEL	ND	NHGZZZZZ	108	G Elec	G Elec	0	0	0	0	0	0	0	0	0	0	0	0	0
Overhauls	See Projects/Programs					150	G Elec	G Elec	96	96								352	128		672
Safety Training	HGX	797	HEL	NE	NHGZZZZZ	150	G Elec	G Elec	1	1	1	1	1	1	1	1	2	2	2	2	16
Maint Training	HGX	789	ANS	NE	NHGZZZZZ	150	G Elec	G Elec	7	7	7	7	7	7	7	7	7	7	7	3	80
Maint Stn Commo	HGX	263	ANS	NE	NHGZZZZZ	150	G Elec	G Elec	19	19	19	19	19	19	19	19	19	19	19	19	228
Maint Stn Commo	HGX	263	BNS	NE	NHGZZZZZ	150	G Elec	G Elec	10	10	10	10	10	10	10	10	10	10	10	10	120
Maint Stn Commo	HGX	263	CNS	NE	NHGZZZZZ	150	G Elec	G Elec	15	15	15	15	15	15	15	15	15	15	15	15	180
Maint Stn Commo	HGX	263	P03	NE	NHGZZZZZ	150	G Elec	G Elec	86	86	86	86	86	86	86	86	86	86	86	86	1,032
Maint Stn Commo	HGX	265	ANS	NE	NHGZZZZZ	150	G Elec	G Elec	12	12	12	12	12	12	12	12	12	12	12	12	144
Maint Stn Commo	HGX	265	PT2	NE	NHGZZZZZ	150	G Elec	G Elec	111	111	111	111	111	111	111	111	111	111	111	119	1,340
Maint Combust Tu	HGX	272	A01	NE	NHGZZZZZ	150	G Elec	G Elec	31	31	31	31	31	31	31	31	31	31	31	31	372
Maint Combust Tu	HGX	274	A01	NE	NHGZZZZZ	150	G Elec	G Elec	32	32	32	32	32	32	32	32	32	32	32	32	384
Maint Combust Tu	HGX	274	P03	NE	NHGZZZZZ	150	G Elec	G Elec	9	49	129	69	99	89	69	99	69	9	69	69	628
Maint Int Combust	HGX	277	A15	NE	NHGZZZZZ	150	G Elec	G Elec	9	9	9	9	9	9	9	9	9	9	9	1	100
																Total Prod Hrs - Pillar Nonproj file					4,824
								Total NonProj/Pgm Demand	485	525	493	449	479	469	449	479	450	742	610	470	6,100
								Total Supply	352	320	368	320	368	352	336	368	336	352	352	336	4,160
									133	205	125	129	111	117	113	111	114	390	258	134	1940
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/25, 12/29									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

NOTE: Total NonProject/NonProgram Demand hours may NOT equal Total Supply hours due to Project/Program Demand hours (which are budgeted in the Project model)

Project Labor Hours
2006

Resp Area (RA) ____

Prepared by KK

Date 5/31/2006

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Oil Spill Prog - GA E labor	HGA	877	RST	NS	H0000354	150	E		2	2	2	2	2	2	2	2	1	1	1	1	20
Oil Spill Prog - GA TCS labor	HGA	877	RST	NS	H0000354	150	TCS		45	45	45	45	45	45	45	45	45	45	45	45	540
Oil Spill Prog - GP BUTC labor	HGP	877	RST	NE	H0000354	150	BUTC		27	27	27	27	27	27	27	27	27	27	27	23	320
CT5 Hot Section 2006 - WF(m) labor	HGK	272	C05	NE	Kklein16	150	BUTC		-	-	-	-	96	-	-	-	-	-	-	-	96
CT5 Hot Section 2006 - WF(e) labor	HGK	272	C05	NE	Kklein16	150	BUTC		-	-	-	-	96	-	-	-	-	-	-	-	96
CT5 Hot Section 2006 - WF(a) labor	HGK	272	C05	NE	Kklein16	150	BUTC		-	-	-	-	96	-	-	-	-	-	-	-	96
CT2 Major Field Insp 2006 - WF(e) labor	HGK	272	C02	NE	Kklein03	150	BUTC		-	96	192	-	-	-	-	-	-	-	-	-	288
CT2 Major Field Insp 2006 - WF(a) labor	HGK	272	C02	NE	Kklein03	150	BUTC		-	96	192	-	-	-	-	-	-	-	-	-	288
CT4 Hot Section 2006 - WF(m) labor	HGK	272	C04	NE	Kklein13	150	BUTC		-	-	-	-	-	-	-	-	96	-	-	-	96
CT4 Hot Section 2006 - WF(e) labor	HGK	272	C04	NE	Kklein13	150	BUTC		-	-	-	-	-	-	-	-	96	-	-	-	96
CT4 Hot Section 2006 - WF(a) labor	HGK	272	C04	NE	Kklein13	150	BUTC		-	-	-	-	-	-	-	-	96	-	-	-	96
CT2 Major Field Insp 2006 - WF(m) labor	HGK	272	C02	NE	Kklein03	150	BUTC		-	96	192	-	-	-	-	-	-	-	-	-	288
	HGK						BUTC		-	288	576	-	288	-	-	-	288	-	-	-	1,440
CT5 Hot Section 2006 - Gmech	HGK	272	C05	NE	Kklein16	150	Gmech		-	-	-	-	96	-	-	-	-	-	-	-	96
CT2 Major Field Insp 2006 - Gmech	HGK	272	C02	NE	Kklein03	150	Gmech		-	96	192	-	-	-	-	-	-	-	-	-	288
CT4 Hot Section 2006 - Gmech	HGK	272	C04	NE	Kklein13	150	Gmech		-	-	-	-	-	-	-	-	96	-	-	-	96
	HGK						Gmech		-	96	192	-	96	-	-	-	96	-	-	-	480
CT5 Hot Section 2006 - Elec labor	HGK	272	C05	NE	Kklein16	150	Geleac		-	-	-	-	192	-	-	-	-	-	-	-	192
CT2 Major Field Insp 2006 - Elec labor	HGK	272	C02	NE	Kklein03	150	Geleac		-	192	384	-	-	-	-	-	-	-	-	-	576
CT4 Hot Section 2006 - Elec labor	HGK	272	C04	NE	Kklein13	150	Geleac		-	-	-	-	-	-	-	-	192	-	-	-	192
	HGK						Geleac		-	192	384	-	192	-	-	-	192	-	-	-	960
H5 Blr Insp 2006 - Supv labor	HGM	256	R05	NS	Kklein14	150	TCS		-	-	96	56	-	-	-	-	-	-	-	-	152
Puna Blr Insp 2006 - Supv labor	HGM	256	P01	NS	Kklein15	150	TCS		-	-	-	144	-	-	-	-	-	-	-	-	144
H6 Blr Insp 2006 - Supv labor	HGM	256	R06	NS	Kklein17	150	TCS		-	-	-	-	152	-	-	-	-	-	-	-	152
S3 Blr Insp 2006 - Supv labor	HGM	256	S03	NS	Kklein18	150	TCS		-	-	-	-	-	-	56	88	-	-	-	-	144
S4 Blr Insp 2006 - Supv labor	HGM	256	S04	NS	Kklein19	150	TCS		-	-	-	-	-	-	-	120	24	-	-	-	144
	HGM						TCS		-	-	96	200	152	-	56	208	24	-	-	-	736
H5 Blr Insp 2006 - WF(m) labor	HGM	257	R05	NE	Kklein14	150	BUTC		-	-	288	168	-	-	-	-	-	-	-	-	456
H5 Blr Insp 2006 - welder labor	HGM	257	R05	NE	Kklein14	150	BUTC		-	-	192	112	-	-	-	-	-	-	-	-	304
H5 Blr Insp 2006 - WF(e) labor	HGM	260	R05	NE	Kklein14	150	BUTC		-	-	192	112	-	-	-	-	-	-	-	-	304
Puna Blr Insp 2006 - WF(m) labor	HGM	257	P01	NE	Kklein15	150	BUTC		-	-	-	432	-	-	-	-	-	-	-	-	432
Puna Blr Insp 2006 - welder labor	HGM	257	P01	NE	Kklein15	150	BUTC		-	-	-	288	-	-	-	-	-	-	-	-	288
Puna Blr Insp 2006 - WF(e) labor	HGM	260	P01	NE	Kklein15	150	BUTC		-	-	-	288	-	-	-	-	-	-	-	-	288
H6 Blr Insp 2006 - WF(m) labor	HGM	257	R06	NE	Kklein17	150	BUTC		-	-	-	-	456	-	-	-	-	-	-	-	456
H6 Blr Insp 2006 - welder labor	HGM	257	R06	NE	Kklein17	150	BUTC		-	-	-	-	304	-	-	-	-	-	-	-	304
H6 Blr Insp 2006 - WF(e) labor	HGM	260	R06	NE	Kklein17	150	BUTC		-	-	-	-	304	-	-	-	-	-	-	-	304
S3 Blr Insp 2006 - WF(m) labor	HGM	257	S03	NE	Kklein18	150	BUTC		-	-	-	-	-	-	168	264	-	-	-	-	432
S3 Blr Insp 2006 - welder labor	HGM	257	S03	NE	Kklein18	150	BUTC		-	-	-	-	-	-	112	176	-	-	-	-	288
S3 Blr Insp 2006 - WF(e) labor	HGM	260	S03	NE	Kklein18	150	BUTC		-	-	-	-	-	-	112	176	-	-	-	-	288
S4 Blr Insp 2006 - WF(m) labor	HGM	257	S04	NE	Kklein19	150	BUTC		-	-	-	-	-	-	-	360	72	-	-	-	432
S4 Blr Insp 2006 - welder labor	HGM	257	S04	NE	Kklein19	150	BUTC		-	-	-	-	-	-	-	240	48	-	-	-	288
S4 Blr Insp 2006 - WF(e) labor	HGM	260	S04	NE	Kklein19	150	BUTC		-	-	-	-	-	-	-	240	48	-	-	-	288
	HGM						BUTC		-	-	672	1,400	1,064	-	392	1,456	168	-	-	-	5,152

Project Labor Hours
2006

Resp Area (RA) ____

Prepared by KK

Date 5/31/2006

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
H5 Blr Insp 2006 - Gmech	HGM	257	R05	NE	Kklein14	150	Gmech		-	-	480	280	-	-	-	-	-	-	-	-	760
Puna Blr Insp 2006 - Gmech	HGM	257	P01	NE	Kklein15	150	Gmech		-	-	-	720	-	-	-	-	-	-	-	-	720
H6 Blr Insp 2006 - Gmech	HGM	257	R06	NE	Kklein17	150	Gmech		-	-	-	-	760	-	-	-	-	-	-	-	760
S3 Blr Insp 2006 - Gmech	HGM	257	S03	NE	Kklein18	150	Gmech		-	-	-	-	-	-	280	440	-	-	-	-	720
S4 Blr Insp 2006 - Gmech	HGM	257	S04	NE	Kklein19	150	Gmech		-	-	-	-	-	-	-	600	120	-	-	-	720
	HGM						Gmech		-	-	480	1,000	760	-	280	1,040	120	-	-	-	3,680
H5 Blr Insp 2006 - Elec labor	HGM	260	R05	NE	Kklein14	150	Geleac		-	-	288	168	-	-	-	-	-	-	-	-	456
Puna Blr Insp 2006 - Elec labor	HGM	260	P01	NE	Kklein15	150	Geleac		-	-	-	432	-	-	-	-	-	-	-	-	432
H6 Blr Insp 2006 - Elec labor	HGM	260	R06	NE	Kklein17	150	Geleac		-	-	-	-	456	-	-	-	-	-	-	-	456
S3 Blr Insp 2006 - Elec labor	HGM	260	S03	NE	Kklein18	150	Geleac		-	-	-	-	-	-	168	264	-	-	-	-	432
S4 Blr Insp 2006 - Elec labor	HGM	260	S04	NE	Kklein19	150	Geleac		-	-	-	-	-	-	-	360	72	-	-	-	432
	HGM						Geleac		-	-	288	600	456	-	168	624	72	-	-	-	2,208
Oil Spill Prog - GT TC labor	HGT	877	RST	NS	H0000354	150	TC		2	2	2	2	2	2	2	2	1	1	1	1	20
CT3 Gen Insp 2006 - Supv labor	HGX	256	P03	NS	Kklein01	150	TCS		96	-	-	-	-	-	-	-	-	-	-	-	96
CT1 Gen Insp 2006 - Supv labor	HGX	256	A01	NS	Kklein02	150	TCS		-	96	-	-	-	-	-	-	-	-	-	-	96
CT2 Major Field Insp 2006 - Supv labor	HGX	256	C02	NS	Kklein03	150	TCS		-	96	192	-	-	-	-	-	-	-	-	-	288
CT4 Hot Section 2006 - Supv labor	HGX	256	C04	NS	Kklein13	150	TCS		-	-	-	-	-	-	-	-	96	-	-	-	96
CT5 Hot Section 2006 - Supv labor	HGX	256	C05	NS	Kklein16	150	TCS		-	-	-	-	96	-	-	-	-	-	-	-	96
Kan D17 OH 2006 - Supv labor	HGX	256	A17	NS	H0000779	150	TCS		-	-	-	-	-	-	-	-	-	-	-	-	-
	HGX						TCS		96	192	192	-	96	-	-	-	96	-	-	-	672
CT3 Gen Insp 2006 - WF(m) labor	HGX	272	P03	NE	Kklein01	150	BUTC		96	-	-	-	-	-	-	-	-	-	-	-	96
CT3 Gen Insp 2006 - WF(e) labor	HGX	272	P03	NE	Kklein01	150	BUTC		96	-	-	-	-	-	-	-	-	-	-	-	96
CT1 Gen Insp 2006 - WF(m) labor	HGX	272	A01	NE	Kklein02	150	BUTC		-	96	-	-	-	-	-	-	-	-	-	-	96
CT1 Gen Insp 2006 - WF(e) labor	HGX	272	A01	NE	Kklein02	150	BUTC		-	96	-	-	-	-	-	-	-	-	-	-	96
Kan D17 OH 2006 - WF(m) labor	HGX	275	A17	NE	H0000779	150	BUTC		-	-	-	-	-	-	-	-	-	-	-	-	-
Kan D17 OH 2006 - WF(e) labor	HGX	275	A17	NE	H0000779	150	BUTC		-	-	-	-	-	-	-	-	-	-	-	-	-
	HGX						BUTC		192	192	-	-	-	-	-	-	-	-	-	-	384
CT3 Gen Insp 2006 - Gmech	HGX	272	P03	NE	Kklein01	150	Gmech		192	-	-	-	-	-	-	-	-	-	-	-	192
CT1 Gen Insp 2006 - Gmech	HGX	272	A01	NE	Kklein02	150	Gmech		-	192	-	-	-	-	-	-	-	-	-	-	192
Kan D17 OH 2006 - Gmech	HGX	275	A17	NE	H0000779	150	Gmech		-	-	-	-	-	-	-	-	-	-	-	-	-
	HGX						Gmech		192	192	-	-	-	-	-	-	-	-	-	-	384
CT3 Gen Insp 2006 - Elec labor	HGX	272	P03	NE	Kklein01	150	Geleac		96	-	-	-	-	-	-	-	-	-	-	-	96
CT1 Gen Insp 2006 - Elec labor	HGX	272	A01	NE	Kklein02	150	Geleac		-	96	-	-	-	-	-	-	-	-	-	-	96
Kan D17 OH 2006 - Elec labor	HGX	275	A17	NE	H0000779	150	Geleac		-	-	-	-	-	-	-	-	-	-	-	-	-
	HGX						Geleac		96	96	-	-	-	-	-	-	-	-	-	-	192
TOTAL PROJECT LABOR HOURS FOR 2006									652	1,324	2,956	3,276	3,180	76	972	3,404	1,130	74	74	70	17,188

CA-JR-1
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 3
PAGE 2 OF 2

PRODUCTION - PERSONNEL HEAD COUNT			ACTUAL 6/5/2006	TY 2006
	OPERATIONS			
GA	Manager	Norman Verbanic	1	1
	Maintenance Superintendent	Norman Uchida	1	1
	Operations Superintendent	Lisa Dangelmaier	1	1
	Operations, Ass't Supt., Power Plants	Craig Yamamoto	1	1
	Operations, Ass't Supt., System	Michael Bradley	1	1
	Shift Supervisor, Hilo-based	Norman Kramer	1	1
	Shift Supervisor, Hilo-based	Raymond Grillot	1	1
	Shift Supervisor, Hilo-based	Mark Johansen	1	1
	Shift Supervisor, Hilo-based	Donald Ito	1	1
	Shift Supervisor, Hilo-based	Rick Agpalza	1	1
	Purchase Power Contracts Admin.	Sharon Hirai	1	1
	Production Dept Administrator	Chenoa-Tania Ojeda	1	1
	Statistical Clerk	Melanie Ponce	1	1
		GA Subtotal	**13**	**13**
GT	Technical Services, Superintendent	vacant	0	0
	Staff Engineer	Don Heinzen	1	1
	Environmental Compliance Coordinator	David Borges	1	1
	Resource Planner	Donn Matsumura	1	1
	Resource Planner	vacant	0	1
		GT Subtotal	**3**	**4**
GC	Power Plant Supervisor, Keahole	Bill Pikini	1	1
	Power Plant Supervisor, Keahole	Brian Shaw	1	1
	CT Operator, Keahole	Joe Keliipaakaua	1	1
	CT Operator, Keahole	Gary Taylor	1	1
	CT Operator, Keahole	Howard Burdett	1	1
	CT Operator, Keahole	Thomas Smith	1	1
	CT Operator, Keahole	Dwain Bartels	1	1
	CT Operator, Keahole	vacant	0	1
		GC Subtotal	**7**	**8**
GH	System Operator	Pat Chai	1	1
	System Operator	Wendall Castro	1	1
	System Operator	Frank Mulec	1	1
	System Operator	Gary Akimseu	1	1
	System Operator	Mel Gapol	1	1
	Hill Control Operator	Al Taveras	1	1
	Hill Control Operator	Louie Gangano	1	1
	Hill Control Operator	Mariano Carriaga	1	1
GH	Hill Control Operator	Barney Santiago	1	1
	Hill Control Operator	Corey Matsu	1	1
	Hill Senior Boiler Operator	Christo Palma	1	1
	Hill Senior Boiler Operator	Tom Kaaihili	1	1
	Hill Senior Boiler Operator	Vic Ventura	1	1
	Hill Senior Boiler Operator	Leo Pajo	1	1
	Hill Senior Boiler Operator	vacant	0	1
	Hill Boiler Operator	Mark Mermod	1	1

PRODUCTION - PERSONNEL HEAD COUNT			ACTUAL 6/5/2006	TY 2006
	Hill Boiler Operator	Ron Renz	1	1
	Hill Boiler Operator	Michael Pohina	1	1
	Hill Boiler Operator	Francis Burgess	1	1
	Hill Boiler Operator	Kevin Shimabukuro	1	1
	Hill Boiler Operator	Roy Otis	1	1
	CT3 Operator	Guy Alameda	1	1
	CT3 Operator	vacant	0	1
		GH Subtotal	**21**	**23**
GP	Puna Control Operator	Fred Hoohuli	1	1
	Puna Control Operator	Alexandria Kanui	1	1
	Puna Control Operator	Alan Alatan	1	1
	Puna Control Operator	Clyde Camacho	1	1
	Puna Control Operator	Edward Kaupu	1	1
	Puna Boiler Operator	Aaron Kanaeholo	1	1
	Puna Boiler Operator	Bernard Kia	1	1
	Puna Boiler Operator	Beverly Cabel	1	1
	Operator Trainee	Kirk Hoohuli	1	1
	Operator Trainee	Chris Harrison	1	1
	Operator Trainee	Michele Kukahiwa	1	0
	Operator Trainee	Lawrence Morita	1	0
	Operator Trainee	Joe Watson	1	0
		GP Subtotal	**13**	**10**
GW	Shipman Control Operator	Carlena Barroga	1	1
	Shipman Control Operator	Patricia Dally	1	1
	Shipman Control Operator	Gerald Horiuchi	1	1
	Shipman Boiler Operator	Wade Akui	1	1
	Shipman Boiler Operator	Daniel Gangano	1	1
	Shipman Boiler Operator	Jonathan Gangano	1	1
	Shipman Boiler Operator	Eric Shimabukuro	1	1
	Shipman Boiler Operator	Jeff Flores	1	1
	Shipman Boiler Operator	vacant	0	1
		GW Subtotal	**8**	**9**
	OPERATIONS TOTAL ---------->		**65**	**67**
	MAINTENANCE			
GK	**CT&D - Keahole**			
	Maintenance Supervisor, CT&D	vacant	0	1
	Working Foreman, Electrical	Joe Bush	1	1
	Electrician	Deen Tsukamoto	1	1
GK	Working Foreman, Mechanic	Shane DeMello	1	1
	Welder	vacant	0	1
	Mechanic	Stafford Wah Yick	1	1
	Working Foreman, Controls	Thomas Kluge	1	1
	Control Technician	Frank Holden	1	1
		GK Subtotal	**6**	**8**

PRODUCTION - PERSONNEL HEAD COUNT			ACTUAL 6/5/2006	TY 2006
GX	**CT&D - Hilo**			
	Maintenance Supervisor, CT&D	Robert Moskwa	1	1
	Working Foreman, Electrical	Randy Whittington	1	1
	Electrician	Norman Roolos	1	1
	Working Foreman, Mechanic	Kento Yoneda	1	1
	Mechanic	Jeff Nooney	1	1
	Mechanic	Pono Cann	1	1
	Mechanic	Blane Pacheco	1	1
	Control Technician	Brian Rice	1	1
		GX Subtotal	**8**	**8**
	S&HY - Hilo			
GM	Maintenance Supervisor, S&HY	Andy Ho	1	1
	Asst Maint Supervisor, Mechanical	Scott Robertson	1	1
	Asst Maint Supervisor, Electrical	Everett Lacro	1	1
	Working Foreman, Machinists	Moe Bello	1	1
	Working Foreman, Machinists	Collins Yoneda	1	1
	Working Foreman, Machinists	Ted Ayap	1	1
	Machinist	Darrel DeCambra	1	1
	Machinist	Robert Harrington	1	1
	Machinist	Les Iwata	1	1
	Machinist	Tim Hensley	1	1
	Machinist	Kelly Muranaka	1	1
	Welder/Machinist	Rob Rasse	1	1
	Welder/Machinist	Scott Nozaki	1	1
	Working Foreman, Electrical	Michael Day	1	1
	Sr. Electrician	Russel Chung	1	1
	Electrician	Beau Mills	1	1
	Sr. Auto Control Tech	Nick Lopez	1	1
	Control Tech	Jessica Kaikaina	1	1
		GM Subtotal	**18**	**18**
	**MAINTENANCE TOTAL ---------->		**32**	**34**
	**DEPARTMENT TOTAL ---------->		**97**	**101**

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Direct Labor Dollars

	Prod Oper	Prod Maint	Total	Reference
Non-Projects	$ 5,380,103	$ 2,311,343	$ 7,691,446	PAGE 4 OF 4
Projects	29,679	574,205	603,884	PAGE 3 OF 4
Total	$ 5,409,782	$ 2,885,548	$ 8,295,330	HELCO-WP-101(F) PAGES 614, 626 & 627

Source: HELCO-WP-101(F), pages 602-627.

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Direct Labor Dollars by RA

RA	Prod Oper	Prod Maint	Total
HGA	$ 844,870	$ 44,132	$ 889,002
HGC	717,535		717,535
HGH	1,830,833		1,830,833
HGK	83,317	621,270	704,587
HGM	23,776	1,479,933	1,503,709
HGP	892,590		892,590
HGT	181,641	97,216	278,857
HGW	751,371		751,371
HGX	83,849	618,736	702,585
H9P			-
HE0			-
HD0		24,261	24,261
HA0			-
HL0			-
HN0			-
HW0			-
Total	$ 5,409,782	$ 2,885,548	$ 8,295,330

From Page 1

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Projects - Direct Labor Dollars by RA

	Project			Supporting Reference	
RA	Prod Oper	Prod Maint	Total	Testimony	Reference
HGA	$ 17,653		$ 17,653	T-5	IR-1 Attachment 3, Page 1
HGC			-		
HGH			-		
HGK		116,295	116,295	T-5	IR-1 Attachment 3, Page 1
HGM		417,524	417,524	T-5	IR-1 Attachment 3, Pages 1-2
HGP	11,405		11,405	T-5	IR-1 Attachment 3, Page 1
HGT	621		621	T-5	IR-1 Attachment 3, Page 2
HGW			-		
HGX		40,386	40,386	T-5	IR-1 Attachment 3, Page 2
H9P			-		
HE0			-		
HD0			-		
HA0			-		
HL0			-		
HN0			-		
HW0			-		
Total	$ 29,679	$ 574,205	$ 603,884		
	IR-2, Att 1A, Pg 4	IR-2, Att 1B, Pg 1	From Page 1		

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Non-Projects - Direct Labor Dollars by RA

	Non-Project			Supporting Reference	
RA	Prod Oper	Prod Maint	Total	Testimony	Reference
HGA	$ 827,217	$ 44,132	$ 871,349	T-5	IR-1 Attachment 2, Pages 1-6
HGC	717,535	-	717,535	T-5	IR-1 Attachment 2, Pages 7-9
HGH	1,830,833	-	1,830,833	T-5	IR-1 Attachment 2, Pages 10-12
HGK	83,317	504,975	588,292	T-5	IR-1 Attachment 2, Pages 13-17
HGM	23,776	1,062,409	1,086,185	T-5	IR-1 Attachment 2, Pages 18-22
HGP	881,185	-	881,185	T-5	IR-1 Attachment 2, Pages 23-24
HGT	181,020	97,216	278,236	T-5	IR-1 Attachment 2, Pages 24-27
HGW	751,371	-	751,371	T-5	IR-1 Attachment 2, Pages 28-29
HGX	83,849	578,350	662,199	T-5	IR-1 Attachment 2, Pages 30-32
H9P	-	-	-		
HE0	-	-	-		
HD0	-	24,261	24,261	T-6	T-6, IR-1, Attachment 2, Pages 5 & 12
HA0	-	-	-		
HL0	-	-	-		
HN0	-	-	-		
HW0	-	-	-		
Total	$ 5,380,103	$ 2,311,343	$ 7,691,446		

From Page 1

INTEROFFICE CORRESPONDENCE

Hawaii Electric Light Co., Inc

May 27, 2005

To: Warren Lee, President

From: Dan Giovanni, Manager, Production Department

Subject: Keahole Manning

Over the past eighteen months dedicated Production Department employees have made pivotal contributions to the successful construction, operation, and maintenance of the expanded Keahole Power Plant. These accomplishments have been achieved without the occurrence of a single lost-time safety incident. The facility has been and continues to be dispatched at a high load factor (7 days per week, 2 shifts per day), in part, to provide voltage support and relieve the stress on critical transmission lines in the Kona and Kohala districts.

Commensurate with the expansion you have authorized the number of permanent staff at the facility to increase from 6 (i.e., 2 operators, 2 electricians, and 2 mechanics) to 14 (i.e., 6 operators, 2 electricians, 2 mechanics, 2 control technicians, and 2 shift supervisors). At least 2 of the approved positions have been continuously been vacant due to recruitment difficulties. Hence, the work has been done with only 12 permanent personnel. This would not have been possible without substantial support for construction, training, operations, and maintenance being provided by Production Department supervisory and bargaining unit personnel that commute from Hilo.

For the past year I have been campaigning to have 2 additional permanent positions approved for Keahole: (1) Maintenance Supervisor, and (2) Power Plant Administrator (materials coordinator). I have provided written justifications for each. I reiterate my strong recommendation to immediately approve and fill these 2 positions. Consideration for such action remains in your queue.

At your staff meeting on 5/24/05, I shared the recent results of the Production Department's overtime (OT) analysis for 2005 (see Attachment 1). A reasonable target for the OT rate for the O&M work force is 15%. Through 4/30/05, the OT rates for

Keahole operators and maintenance groups were 37% and 50%, respectively. In 2004, the corresponding OT rates were 49% and 49%, respectively (see Attachment 2). These high values are indicative of excessive amounts of OT and if allowed to continue will significant increase the risk of safety incidents, deteriorating morale, work place disharmony, and O&M mistakes. I was dismayed and concerned by your response to the information. The Production Department organization has performed optimally under difficult circumstances. The OT problem and its inherent risks can not be resolved by refining schedules or maintenance assignments.

My perspective is that we must increase the permanent work force at the facility in order to sustain safe, efficient performance and avoid the risks associated with excess OT. The 2 vacant operator positions need to be filled, the Maintenance Supervisor and Power Plant Administrator positions need to be filled, and 1 more mechanic is needed to perform the required maintenance at a reasonable OT rate. This would increase the number of permanent positions at the site to 17 as follows:

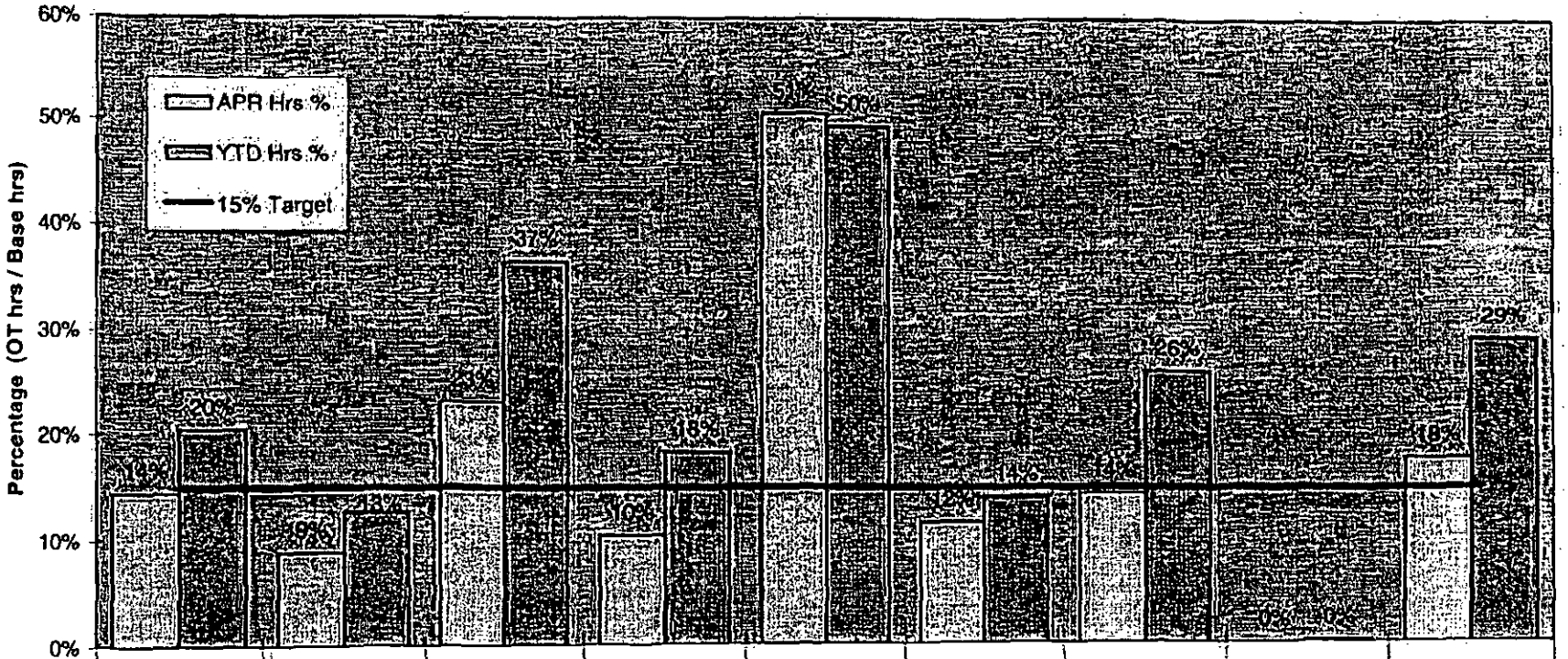
2 Shift Supervisors
1 Maintenance Supervisor
6 Operators
2 Electricians
3 Mechanics
2 Control Technicians

At the current OT rate the expenditures in 2005 for maintenance and operations OT will be $448k, or $350k above budget. This does not include the extra labor and expense costs for bargaining unit personnel from Hilo who have to be dispatched to Keahole to support the effort. Increasing the permanent staff to 17 and filling the positions will result in significant reductions in costs for OT and Hilo-dispatched personnel, perhaps an overall net reduction in costs compared to the present rate.

I would appreciate your immediate consideration for this matter. Thank you.

ATTACHMENT 1

April 2005 & YTD Overtime Hours



Prod Total	HGA	HGC	HGH	HGK	HGM	HGP	HGT	HGX
APR 1,883hrs	183 hrs	185 hrs	378 hrs	446 hrs	279 hrs	226 hrs	0 hrs	186 hrs
APR YTD 11,305hrs	961 hrs	1,327 hrs	2,583 hrs	1,766 hrs	1,692 hrs	1,662 hrs	6 hrs	1,310 hrs
APR avg 23hrs/ee	15 hrs/ee	37 hrs/ee	16 hrs/ee	74 hrs/ee	17 hrs/ee	23 hrs/ee	0 hrs/ee	27 hrs/ee

By RA

Keahole Operations

Keahole Maintenance

CA-IR-1
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT-6
PAGE 3 OF 7

OT Explanations:

Special Operations Note: (1)OT significantly increase due to the HEP outage. HEP is 8 cents/ kwh more than our most expensive CT (CT1). This is an approximate cost difference of $800/hr for CT1, and even more of a difference for the other units. The purch pwr cost savings is greater than the extra manning costs. As a result, we manned Keahole and Puna CT's extra shifts and dispatched HEP after those CT's.
(2)Also a heads up on the planned maintenance schedule, Shipman units will be required to operate 12 weeks which is 168 o/t hours.
(3)Expected quite a bit of extra CT3 hours as well for the same reason.
(4)Manning of Shipman to be addressed.
(5)Though Production is trying to minimize the cost, the HEP outage will resulted in higher production costs than if HEP were available.

HGA: Nearly all of the OT is for shift supervisors as XST to support operator training, Shipman, Puna (CT and Steam) and Hill plant overall and maintenance activities, plant startups/shutdowns, Keahole punchlist resolution, OT at Keahole for power plant supervisor days off and maintenance/operational work on the weekend; and miscellaneous supervisory assignments: supporting Shipman overhaul, reboiler commissioning at Puna, wastewater upgrade project, asbestos survey at Puna, attend company-mandatory training, environmental training, safety training, DOT training, RCRA training, leadership courses, etc.

HGC: Extra shifts for off-peak operation or early arrival at the plant to support system needs, operational training assignments for new equipment, safety and environmental training, other company-mandatory training. Also the transfer of former operator Joe Bush to Maintenance has resulted in additional OT shift coverage to cover the vacated shift slot, until backfill occurs.

HGH: CT3 extra shifts operation, Coverage at Puna (short 2 operators), qualification for LOP movement (2 blocks), safety training, environmental training, and other company-mandatory training.

HGP: CT3 extra shifts, short 2 Puna operators which must be filled. Puna operators are first call-out for these slots followed by HGH. combustion controls training, safety training, environmental training, and other company-mandatory training.

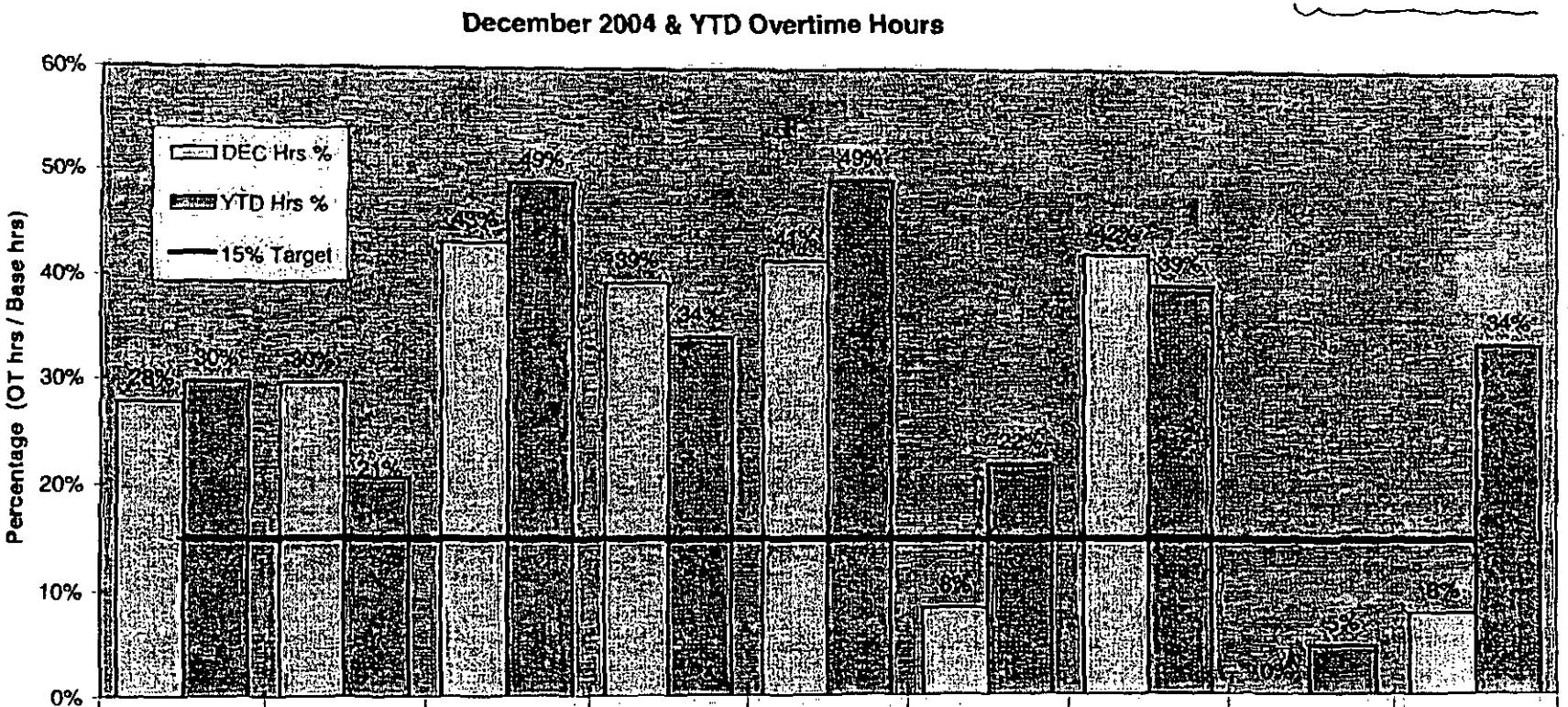
HGT: No overtime.

HGM: Steam/hydro maint worked OT on some of the Saturdays in March '05 to support the Shipman 4 ACM removal work. This resulted in a reduction of OT for the month to 7% which is half of the February '05 OT level and brings the YTD average to the traget of 15%. H-5 was off line for airheater and boiler wash to correct high gas out temperatures. Replaced sootblower system steam valves. H-5 had a 480 VAC breaker flash over during startup which required electrcial assistance. Waiau Hydro tripped as a resutl of grid faults and was restored over the weekend of 3/26/05.

HGK: Keahole Maint worked overtime mostly to assist and support work on the construction, training, and troubleshooting during the post start-up phase of CT4 and CT5, include the overhaul/inspection of CT2. Swapped out D-23 for overhaul with swing engine and also exchanged the D-22 generator which blew the stator winding. Supported CT-4 and CT-5 sound abatement work with draining fluids and oils to facilitate the contractors work. Additionally, with a smaller than allotted staff on site, the existing crew is working more to cover the workload, plus with the use of vacation time to prevent loosing excess vacation, resulting in fewer individuals doing the same workload. Completed D23 overhaul on March 5, 2005. Continued with supporting station operations and close out of punchlists from construction. Extensive work on the oil water seperators, waste water system and site cleanups are contributors. Involved with the clearing of extraneous sound sources on site in order to aid final sound measurement compliance.

HGX: CT/Diesel Maint continued on D23 overhaul,scheduled work hours Mon thru Fri 10.0 hrs, Sat and Sun 8.0 hrs to expedite overhaul progress to meet installation and give back date March 5. Crankshaft, oil pan was, cylinder power assemblies was installed and torqued in place. Engine front end components was installed . Used core parts was boxed and prepared to ship for core returns. Waimea D12, replaced a leaking water jumper, changed main oil and turbo charger oil filters.Waimea D13 encountered starting problems. Waimea D14 encountered starting problems.Kanoelehua D15 had problems with MVAR swinging, changed governor, reset fuel rack and replaced 2 speed sensors. CT1- test run unit to raise MW rating to 11.3 megs. Unit alarmed on "Gen over temp" and high EGT readings were observed. Tested and calibrated gen RTDs for accuracy, tested and replaced 2 engine thermocouples, items are temporarily repaired until a longer outage time is made available to complete repairs. CT3 -completed 2 walkdowns repaired an oil leak in the engine compartment, repaired an oil leak on the hydralic starting skid. Walkdown #2 was to inspect and prevent and incident from occuring here that has happened to HEP with Rundown tank gasket failure. Electrician assisted operations with the Regeneration process at CT3 demin system. Completed D23 overhaul as of March 5, 2005. Crew was forward deployed at Keahole to complete removal of swing engine and installation of rebuilt D23 engine and generator. Completed additional O&M work on CT-1 due to additional runtime during HEP forced outage. Had to reprogram CT3 demin water system PLC after processor failure. CT3 also had a run with bad fuel and required many callout type filter changes. Installed swing engine in D12 cab. Currently overhauling D12 engine in Hilo shop using Helco recources. Changed CT3 VSV controller. Battery bank project was also completed during this outage which also required the electricians to work long hours.

ATTACHMENT 2



Prod Total	HGA	HGC	HGH	HGK	HGM	HGP	HGT	HGX
DEC 1,803hrs	283 hrs	209 hrs	717 hrs	133 hrs	114 hrs	315 hrs	-0- hrs	32 hrs
DEC YTD 48,497hrs	4,940 hrs	4,541 hrs	15,839 hrs	4,287 hrs	7,415 hrs	7,288 hrs	397 hrs	3,791 hrs
DEC avg 22hrs/ee	24 hrs/ee	35 hrs/ee	31 hrs/ee	33 hrs/ee	7 hrs/ee	32 hrs/ee	-0- hrs/ee	6 hrs/ee

By RA

Keakole Ops.

Keakole Maint.

CA-IR-1
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 6
PAGE 5 OF 7

OT Explanations:

HGA: Nearly all this OT is for shift supervisors as XST to support operator training, Shipman, Puna (CT and Steam) Hill plant overall and maintenance activities, plant startups/shutdowns, support Keahole startup activities, OT at Keahole for power plant supervisor days off, and miscellaneous supervisory assignments; support Puna MCC upgrade, and attend company-mandatory training, environmental training, safety training, DOT training, RCRA training, leadership courses, etc.

HGC: Extra shifts for off-peak operation or early arrival at the plant to support system needs, operational training assignments for new equipment (centrifuge, CEMS, etc), safety and environmental training, other company-mandatory training.

HGH: Shipman plant warm-up, Shipman plant operation, CT3 extra shifts operation, Coverage at Puna (short 2 operators), qualification for LOP movement (2 blocks), combustion controls training, safety training, environmental training, and other company-mandatory training.

HGP: Shipman boiler operator warm up, Shipman control, CT3 extra shifts, short 2 Puna operators which must be filled. Puna operators are first call-out for these slots followed by HGH. combustion controls training, safety training, environmental training, and other company-mandatory training.

HGT: For the month of October, no overtime required.

HGM: Steam/hydro maint worked OT on Saturdays for October to support the Shipman 3 overhaul. The overtime percentage from RA HGM dropped from 39% to 15% which is half of the department year-to-date average. Also Steam/hydro maint worked OT on Saturdays, Sundays, and daily extended hours since starting the turbine major and boiler retubing on Shipman 3 from 9/13/04 through December 10, 2004. Boiler wash on Hill 5 on 9/18 & 9/19 and H-6 boiler wash and tube leak repair on 11/1/ - 11/3/04.

HGK: Keahole Maint worked overtime mostly to assist and support work on the construction, training, and troubleshooting during the post start-up phase of CT4 and CT5, include the overhaul/inspection of CT2. Swapped out D-23 for overhaul with swing engine and also exchanged the D-22 generator which blew the stator winding. Supported CT-4 and CT-5 sound abatement work with draining fluids and oils to facilitate the contractors work. Addtionally, with a smaller than allotted staff on site, the existing crew is working more to cover the workload, plus with the use of vacation time to prevent loosing excess vacation, resulting in fewer individuals doing the same workload.

HGX: CT/Diesel Maint continued on D14 overhaul, with Peaker Service contracted personnel worked 7 days a week till engine overhaul completed. G.Hee (DES) on site to install breakers at CT3 unit, hydraulic, blackstart gen and 480 main. A blackstart test was done after repairs was completed which was a success. Problems with D14 during engine commissioning encountered, A new installed flywheel ring gear that was installed during the overhaul was found to be defective and had to be replaced in cab, 2 fuel leaks were repaired. D14 generator was removed , cleaned, inspected, meggered, painted, bearing and sleeve replacement work done and installed. D23 was removed and sent to Hilo for overhaul, unit was disassembled, cleaned and crankline was inspected for straightness. Electrical working foreman assistance to Keahole continuing on a as needed basis only, because of lack of personell on East and West. Additionally, the use of vacation time to prevent loosing excess vacation, resulting in fewer individuals doing the same workload. D25 Ouli alarm problem is found to be the phase differential relay malfunction, removed

D25 Oulí alarm problem is found to be the phase differential relay malfunction, removed for repair. D13 alarm on start up a loose mag pickup and replaced a bad lower starter.

CA-IR-2

General Information Requests

For each of the HELCO witnesses who sponsor test period budgeted non-labor direct expense amounts, please provide the following information:

a. Identify each employee involved in preparation of budgeted non-labor direct expense amounts included in the rate case test period budget and sponsored by the witness.

b. Provide complete copies of all calculations, spreadsheet files, "pencil" workpapers, surveys and other analyses performed by each of the employees identified in response to part (a), indicating the amounts by Department, RA, Activity and NARUC Account that such calculations support.

c. For each budgeted non-labor amount in the test period forecast that exceeds $50,000, please describe the basis for determining the budgeted amount (for example, bid solicitation, price times quantity estimation, historical cost escalated, etc.)

d. For each item in your response to part (c), where specific quantities and prices were discretely forecasted, explain the basis for and source of the budgeted quantity inputs and budgeted prices for each such item. Provide complete copies of all studies, reports and other documents that were relied upon.

e. For each item in your response to part (c) where historical costs were escalated, provide all historical cost information that was considered and explain how such data was evaluated and escalated to derive test year proposed levels.

f. For each item in your response to part (c) where a bid solicitation or other special analysis was conducted, explain what was done and provide complete copies of all supporting reports, bid solicitations, proposal, analyses, workpapers and other documents associated with such efforts.

g. Provide complete copies of all other information required to completely support and document the test year projected expense levels being proposed by the Company, including general assumptions and forecasting instructions that were employed.

HELCO Response:

The budgeted non-labor direct expense for Production Operation and Maintenance block of accounts is provided in HELCO-WP-101(G), pages 675 to 744. It is important to note that the non-labor budget information provided in the responses below is separated into projects and non-

projects, for both Operations and Maintenance blocks of accounts. Normal and recurring Planned Outages described in HELCO T-5, page 43 are budgeted as projects. This is distinguished from non-projects which capture the balance of O&M non-labor direct expenses. Therefore responses to this information request are organized into projects and non-projects. Attachment 1 breaks down the Operations and Maintenance direct non-labor totals in HELCO-WP-101(G) pages 675 to 744 respectively, into projects and non-project direct expenses. This serves as the basis for responding to the various information requests below.

a. A list of employees involved in the preparation of budgeted non-labor direct expense amounts included in the rate case test period budget and sponsored by HELCO witness T-5 is provided in Attachment 1 of CA-IR-1. The amounts used by the budget preparer are based on input and/or concurrence from others in Production. Note that some of the budget preparers have transferred to another area of the Company.

b. Attachment 1, page 3 of 5 provides a summary of the project non-labor direct expense budget broken down by responsibility area ("RA"). Supporting budget input worksheets are provided in Attachment 1A, pages 2 to 8. The project non-labor expense budget was developed by Karie Klein, Fiscal Administrator with the assistance of Dan Giovanni (former Production Manager), Norman Verbanic (former Maintenance Superintendent, current Production Manager), and Norman Uchida (former Technical Superintendent, current Maintenance Superintendent).

   Attachment 1, page 4 of 5 provides a summary of the non-project non-labor direct expense budget broken down by RA. Supporting budget input worksheets are provided in Attachments 2A to 2K. The non-project non-labor expense budget was developed by the respective employees identified in CA-IR-1, Attachment 1 of HELCO T-5's response to

CA-IR-1.

c. Attachment 1A contains a list for each budgeted project, non-labor, amount in the test year forecast that exceeds $50,000, and describes the basis for determining the budgeted amount. Estimates are mainly based on historical expenditures, contracts or quotes, and experience. Attachment 2 contains a list for each budgeted non-project, non-labor, amount in the test year forecast that exceeds $50,000, and describes the basis for determining the budgeted amount. As with projects, estimates are mainly based on historical expenditures, contracts or quotes, and experience.

d. Refer to Attachment 1A and Attachments 1B to 1D for project estimate explanations greater than $50,000.

Refer to Attachment 2 and Attachments 2A to 2J for non-project estimate explanations greater than $50,000.

e. Refer to c. and d. above. Inflation factors were not used in determining non-labor estimates. Where historical costs were used to estimate budget amounts, various methods were used to check for reasonableness depending on the experience and knowledge of the budget preparer. For the most part, previous years budgets served as the starting point and basis for developing future forecasts. Actual year-end results were also factored into the development of budgets.

f. Referring to Attachment 1A page 1 of 8, the boiler inspections and major field inspections have special analysis conducted that were used as a basis for estimating the budget amount for those respective items. Attachment 1B page 2 is a preliminary overhaul calendar, and pages 3 to 12 are the individual analysis that is done for each unit inspection. Although bids are often solicited for outside services and materials for major field inspections, none were

used to derive the TY2006 estimate.

g. Both the responses above as well as HELCO T-9, page 80, line 7 through page 88, line 5 and HELCO-WP-902, pages 1-10 capture the information and methods used to develop the 2006 TY forecast.

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Direct Non-Labor

	Prod Oper	Prod Maint	Total	Reference
Non-Projects	2,844,772	5,041,115	7,885,887	PAGE 4 OF 5
Projects	596,979	4,999,217	5,596,196	PAGE 3 OF 5
Total	3,441,751	10,040,332	13,482,083	HELCO-WP-101(G) PAGES 709 & 744

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Direct Non-Labor by RA

RA	Prod Oper	Prod Maint	Total
HGA	893,565	7,590	901,155
HGC	38,280	10,922	49,202
HGH	642,657	33,712	676,369
HGK	416,867	3,982,876	4,399,743
HGM	12,174	4,377,060	4,389,234
HGP	489,434	22,240	511,674
HGT	64,571	23,905	88,476
HGW	321,571	760	322,331
HGX	64,469	1,070,502	1,134,971
H9P	386,895		386,895
HE0		157,333	157,333
HD0	840	2,840	3,680
HA0	1,824	2,592	4,416
HL0	70,100	230,200	300,300
HN0	38,504		38,504
HW0		117,800	117,800
Total	3,441,751	10,040,332	13,482,083

FROM PAGE 1

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Projects - Direct Non-Labor by RA

	Project			Supporting Reference	
RA	Prod Oper	Prod Maint	Total	Testimony	Reference
HGA	507,709		507,709	T-5	IR-2 Attachment 1A, Page 4
HGC			-		
HGH	37,710		37,710	T-5	IR-2 Attachment 1A, Page 4
HGK		3,407,165	3,407,165	T-5	IR-2 Attachment 1B, Page 1
HGM		1,531,052	1,531,052	T-5	IR-2 Attachment 1B, Page 1
HGP	45,980		45,980	T-5	IR-2 Attachment 1A, Pages 3 & 4
HGT			-		
HGW	5,580		5,580	T-5	IR-2 Attachment 1A, Page 4
HGX		61,000	61,000	T-5	IR-2 Attachment 1B, Page 1
H9P			-		
HE0			-		
HD0			-		
HA0			-		
HL0			-		
HN0			-		
HW0			-		
Total	596,979	4,999,217	5,596,196	T-5	IR-2 Attachment 1, Page 1
	IR-2 Att 1A Pg 4	IR-2 Att 1B Pg 1			

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Non-Projects - Direct Non-Labor by RA

RA	Non-Project Prod Oper	Non-Project Prod Maint	Total	Supporting Reference Testimony	Supporting Reference Reference
HGA	385,856	7,590	393,446	T-5	To page 5
HGC	38,280	10,922	49,202	T-5	To page 5
HGH	604,947	33,712	638,659	T-5	To page 5
HGK	416,867	575,711	992,578	T-5	To page 5
HGM	12,174	2,846,008	2,858,182	T-5	To page 5
HGP	443,454	22,240	465,694	T-5	To page 5
HGT	64,571	23,905	88,476	T-5	To page 5
HGW	315,991	760	316,751	T-5	To page 5
HGX	64,469	1,009,502	1,073,971	T-5	To page 5
H9P	386,895	-	386,895	T-9	IR-2 Attachment 2I, Page 1
HE0	-	157,333	157,333	T-2	IR-2 Attachment 2K, Page 1
HD0	840	2,840	3,680	T-6	
HA0	1,824	2,592	4,416	T-9	
HL0	70,100	230,200	300,300	T-5	IR-2 Attachment 2H, Page 1
HN0	38,504	-	38,504	T-11	
HW0	-	117,800	117,800	T-14	
Total	2,844,772	5,041,115	7,885,887	T-5	IR-2 Attachment 1, Page 1

Hawaii Electric Light Company, Inc.
2006 Rate Case Data
Non-Projects - Direct Non-Labor Reconciliation
To Data Entry Sheets For HG0 items listed on Page 4

			Supporting Reference	
			Testimony	Reference
Total HG0		6,876,959	T-5	Total From Page 4
Description	**Expense Element**	**Prod Oper & Maint**		
Materials	201	2,612,560	T-5	IR-2 Attachment 2A, Page 8
Materials - Procard Purchases	205	157,834	T-5	IR-2 Attachment 2B, Page 5
Vehicles	301	439,893	T-5	IR-2 Attachment 2J, Page 1 (entered in hours)
Information Services	451	4,500	T-5	IR-2 Attachment 2C, Page 1
Outside Services - General	501	3,015,222	T-5	IR-2 Attachment 2D, Page 9
Outside Services - Legal	502	60,125	T-5	IR-2 Attachment 2E, Page 1
Outside Services - Environmental	508	419,321	T-5	IR-2 Attachment 2F, Page 3
Company Memberships	515	33,000	T-5	IR-2 Attachment 2C, Page 1
Employee Memberships	516	150	T-5	IR-2 Attachment 2C, Page 1
Meals/Entertainment	521	8,600	T-5	IR-2 Attachment 2C, Page 1
Inter Island Travel	522	6,500	T-5	IR-2 Attachment 2C, Page 1
Intercompany Charges	550	118,654	T-5	IR-2 Attachment 2G, Page 2
Financial Statement Items	900	600	T-5	IR-2 Attachment 2C, Page 1
Total		6,876,959		

Hawaii Electric Light Company, Inc.
Rate Case 2006 - Other Production O&M
Projects - Non-Labor > $50,000

Proj Description	Proj	Dept	RA	Resp Area	NARUC	Exp Class	Act	Loc	Ind	EE	FY06	Description/Line Item	Basis for Budget	Comments	Ref to HELCO-WP-101(G)
Heco Environmental	H0000043	Production	HGA	Administration	506220	Non-Labor	876	RST	NE	550	$ 59,460	Comply Wwater Permit - Hill	Based on vendor quotes and estimates	Reference CA-IR 2, Attachment IA Page 3; Attachment 1C, Page 1.	Page 686
CEMS Contract Svc	H0000046	Production	HGK	Maintenance	549290	Non-Labor	875	C02	NE	508	$ 53,540	CEMS (Air Emission Svc) - CT2	Based on vendor quotes and estimates	Reference CA-IR 2, Attachment IA Page 3; Attachment 1C, Page 1.	Page 703
Predictive Maintenance Program	H0000698	Production	HGM	Maintenance	513220	Non-Labor	261	R05	NE	501	$ 62,500	Pred Maint Prog - Outside Svc	Based on experience. Written quote not received until early 2006.	Reference CA-IR 2, Attachment IA Page 5.	Page 720
CT2 Major Field Insp 2006	Kklein03	Production	HGK	Maintenance	553290	Non-Labor	272	C02	NE	201	$ 1,011,000	CT2 Major Field Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 6; Attachment 1B, Page 5.	Page 738
CT2 Major Field Insp 2006	Kklein03	Production	HGK	Maintenance	553290	Non-Labor	272	C02	NE	501	$ 900,225	CT2 Major Field Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 6; Attachment 1B, Page 5.	Page 738
Hill 5 Blr Insp 2006	Kklein14	Production	HGM	Maintenance	512220	Non-Labor	257	R05	NE	201	$ 52,500	H5 Blr Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 7.	Page 716
Hill 5 Blr Insp 2006	Kklein14	Production	HGM	Maintenance	512220	Non-Labor	257	R05	NE	501	$ 273,936	H5 Blr Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 7.	Page 716
Puna Blr Insp 2006	Kklein15	Production	HGM	Maintenance	512230	Non-Labor	257	P01	NE	201	$ 163,500	Puna Blr Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 8.	Page 718
Puna Blr Insp 2006	Kklein15	Production	HGM	Maintenance	512230	Non-Labor	257	P01	NE	501	$ 88,654	Puna Blr Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 8.	Page 718
CT5 Hot Section 2006	Kklein16	Production	HGK	Maintenance	553320	Non-Labor	272	C05	NE	201	$ 720,000	CT5 Hot Section 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 9.	Page 740
CT5 Hot Section 2006	Kklein16	Production	HGK	Maintenance	553320	Non-Labor	272	C05	NE	501	$ 662,000	CT5 Hot Section 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 7; Attachment 1B, Page 9.	Page 740
Hill 6 Blr Insp 2006	Kklein17	Production	HGM	Maintenance	512220	Non-Labor	257	R06	NE	201	$ 277,500	H6 Blr Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 10.	Page 716
Hill 6 Blr Insp 2006	Kklein17	Production	HGM	Maintenance	512220	Non-Labor	257	R06	NE	501	$ 318,154	H6 Blr Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 10.	Page 716
Shp 3 Blr Insp 2006	Kklein18	Production	HGM	Maintenance	512210	Non-Labor	257	S03	NE	201	$ 67,500	S3 Blr Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 11.	Page 714
Shp 3 Blr Insp 2006	Kklein18	Production	HGM	Maintenance	512210	Non-Labor	257	S03	NE	501	$ 79,654	S3 Blr Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 11.	Page 714
Shp 4 Blr Insp 2006	Kklein19	Production	HGM	Maintenance	512210	Non-Labor	257	S04	NE	201	$ 67,500	S4 Blr Insp 2006 - matls	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 12.	Page 714
Shp 4 Blr Insp 2006	Kklein19	Production	HGM	Maintenance	512210	Non-Labor	257	S04	NE	501	$ 79,654	S4 Blr Insp 2006 - contr svc	Based on costs for similar scope of work for past overhauls	Reference CA-IR 2, Attachment IA Page 8; Attachment 1B, Page 12.	Page 714

(Standard) Project / Program - Input Sheet
2006

Resp Area (RA) HGA

Prepared by kk
Date 4/7/2005

Dimension tab card								Rates tab card	Units tab card													Breakdown of Costs			
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Oper Labor	Maint Labor	Oper Non-Lab	Maint Non-Lab
									(enter Dollars or Vehicle Hours in "Units tab																
Project (1) Heco Environmental - H0000043														Reference CA-IR 2, Attachment IA Page 3; Attachment 1C, Page 1.											
Fuel Oil Testing	HGA	241	RST	NE	H0000043	550		no esc	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	19,920				
Conduct Env Trng - Hil	HGA	788	RST	NS	H0000043	550		no esc	272	272	272	272	272	272	272	272	272	272	272	272	3,264				
Conduct Env Trng - Keahole	HGA	788	CNS	NS	H0000043	550		no esc	191	191	191	191	191	191	191	191	191	191	191	191	2,292				
Conduct Env Trng - Puna	HGA	788	PST	NS	H0000043	550		no esc	68	68	68	68	68	68	68	68	68	68	68	68	816				
Conduct Env Trng - Shipman	HGA	788	SST	NS	H0000043	550		no esc	410	410	410	410	410	410	410	410	410	410	410	410	4,920				
Conduct Env Trng - Waimea	HGA	788	BNS	NS	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - Shipman	HGA	865	SST	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - Hil	HGA	865	RST	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - Kanoelehua	HGA	865	ANS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - Waimea	HGA	865	BNS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - Keahole	HGA	865	CNS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - D24	HGA	865	D24	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - D25	HGA	865	D25	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - D26	HGA	865	D26	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Air Permit - D27	HGA	865	D27	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Water Permit - Shipman	HGA	866	SST	NE	H0000043	550		no esc	693	693	693	693	693	693	693	693	693	693	693	693	8,316				
Apply Water Permit - Hil	HGA	866	RST	NE	H0000043	550		no esc	462	462	462	462	462	462	462	462	462	462	462	462	5,544				
Apply Water Permit - Puna	HGA	866	P01	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Water Permit - Waimea	HGA	866	BNS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Apply Water Permit - Keahole	HGA	866	CNS	NE	H0000043	550		no esc	115	115	115	115	115	115	115	115	115	115	115	115	1,380				
Comply Air Permit - Shipman	HGA	875	SST	NE	H0000043	550		no esc	908	908	908	908	908	908	908	908	908	908	908	908	10,896				
Comply Air Permit - Hil	HGA	875	RST	NE	H0000043	550		no esc	1,805	1,805	1,805	1,805	1,805	1,805	1,805	1,805	1,805	1,805	1,805	1,805	21,660				
Comply Air Permit - Puna	HGA	875	P01	NE	H0000043	550		no esc	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	19,716				
Comply Air Permit - Kanoelehua	HGA	875	ANS	NE	H0000043	550		no esc	1,556	1,556	1,556	1,556	1,556	1,556	1,556	1,556	1,556	1,556	1,556	1,556	18,672				
Comply Air Permit - Waimea	HGA	875	BNS	NE	H0000043	550		no esc	692	692	692	692	692	692	692	692	692	692	692	692	8,304				
Comply Air Permit - Keahole	HGA	875	CNS	NE	H0000043	550		no esc	3,218	3,218	3,218	3,218	3,218	3,218	3,218	3,218	3,218	3,218	3,218	3,218	38,616				
Comply Air Permit - D24	HGA	875	D24	NE	H0000043	550		no esc	216	216	216	216	216	216	216	216	216	216	216	216	2,592				
Comply Air Permit - D25	HGA	875	D25	NE	H0000043	550		no esc	216	216	216	216	216	216	216	216	216	216	216	216	2,592				
Comply Air Permit - D26	HGA	875	D26	NE	H0000043	550		no esc	216	216	216	216	216	216	216	216	216	216	216	216	2,592				
Comply Air Permit - D27	HGA	875	D27	NE	H0000043	550		no esc	216	216	216	216	216	216	216	216	216	216	216	216	2,592				
Comply Air Permit - CT3	HGA	875	P03	NE	H0000043	550		no esc	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	19,500				
Comply Wrater Permit - Shipman	HGA	876	SST	NE	H0000043	550		no esc	3,270	3,270	3,270	3,270	3,270	3,270	3,270	3,270	3,270	3,270	3,270	3,270	39,240				
Comply Wrater Permit - Hil	HGA	876	RST	NE	H0000043	550		no esc	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	4,955	59,460				
Comply Wrater Permit - Puna	HGA	876	P01	NE	H0000043	550		no esc	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	19,776				
Comply Wrater Permit - Kanoe	HGA	876	ANS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply Wrater Permit - Waimea	HGA	876	BNS	NE	H0000043	550		no esc	142	142	142	142	142	142	142	142	142	142	142	142	1,704				
Comply Wrater Permit - Keahole	HGA	876	CNS	NE	H0000043	550		no esc	3,331	3,331	3,331	3,331	3,331	3,331	3,331	3,331	3,331	3,331	3,331	3,331	39,972				
Comply Wrater Permit - CT3	HGA	876	P03	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				

Dimension tab card								Rates tab card	Units tab card													Breakdown of Costs			
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Cls es	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Oper Labor	Maint Labor	Oper Non-Lab	Maint Non-Lab
Comply Oil Permit - Shipman	HGA	877	SST	NE	H0000043	550		no esc	517	517	517	517	517	517	517	517	517	517	517	517	6,204				
Comply Oil Permit - Hill	HGA	877	RST	NE	H0000043	550		no esc	519	519	519	519	519	519	519	519	519	519	519	519	6,228				
Comply Oil Permit - Puna	HGA	877	P01	NE	H0000043	550		no esc	594	594	594	594	594	594	594	594	594	594	594	594	7,128				
Comply Oil Permit - Kanoelehua	HGA	877	ANS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply Oil Permit - Waimea	HGA	877	BNS	NE	H0000043	550		no esc	122	122	122	122	122	122	122	122	122	122	122	122	1,464				
Comply Oil Permit - Keahole	HGA	877	CNS	NE	H0000043	550		no esc	755	755	755	755	755	755	755	755	755	755	755	755	9,060				
Comply Oil Permit - CT3	HGA	877	P03	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply w/permit, non oil Shipman	HGA	878	SST	NE	H0000043	550		no esc	386	386	386	386	386	386	386	386	386	386	386	386	4,632				
Comply w/permit, non oil Hill	HGA	878	RST	NE	H0000043	550		no esc	1,228	1,228	1,228	1,228	1,228	1,228	1,228	1,228	1,228	1,228	1,228	1,228	14,736				
Comply w/permit, non oil Puna	HGA	878	P01	NE	H0000043	550		no esc	792	792	792	792	792	792	792	792	792	792	792	792	9,504				
Comply w/permit, non oil Kanoe	HGA	878	ANS	NE	H0000043	550		no esc	46	46	46	46	46	46	46	46	46	46	46	46	552				
Comply w/permit, non oil Waimea	HGA	878	BNS	NE	H0000043	550		no esc	73	73	73	73	73	73	73	73	73	73	73	73	876				
Comply w/permit, non oil Keahole	HGA	878	CNS	NE	H0000043	550		no esc	293	293	293	293	293	293	293	293	293	293	293	293	3,516				
Comply w/permit, non oil CT3	HGA	878	P03	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply Noise Permit - Shipman	HGA	879	SST	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply Noise Permit - Hill	HGA	879	RST	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Comply Noise Permit - Puna	HGA	879	P01	NE	H0000043	550		no esc	108	108	108	108	108	108	108	108	108	108	108	108	1,296				
Comply Noise Permit - Waimea	HGA	879	BNS	NE	H0000043	550		no esc	108	108	108	108	108	108	108	108	108	108	108	80	1,268				
Comply Noise Permit - Keahole	HGA	879	CNS	NE	H0000043	550		no esc	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total Project _H0000043																					420,800			420,800	
Project (2) CEMS Contract Svc - H0000046 (Atmos)																									
CEMS (Air Emission Svc) - Hill	HGH	875	RST	NE	H0000046	508		no esc	278	278	278	278	278	278	278	278	278	278	278	282	3,340			3,340	
CEMS (Air Emission Svc) - Shipman	HGH	875	SST	NE	H0000046	508		no esc	451	451	451	451	451	451	451	451	451	451	451	449	5,410			5,410	
CEMS (Air Emission Svc) - D24	HGH	875	D24	NE	H0000046	508		no esc	93	93	93	93	93	93	93	93	93	93	93	87	1,110			1,110	
CEMS (Air Emission Svc) - D25	HGH	875	D25	NE	H0000046	508		no esc	93	93	93	93	93	93	93	93	93	93	93	87	1,110			1,110	
CEMS (Air Emission Svc) - D26	HGH	875	D26	NE	H0000046	508		no esc	93	93	93	93	93	93	93	93	93	93	93	87	1,110			1,110	
CEMS (Air Emission Svc) - D27	HGH	875	D27	NE	H0000046	508		no esc	93	93	93	93	93	93	93	93	93	93	93	87	1,110			1,110	
CEMS (Air Emission Svc) - Puna	HGP	875	P01	NE	H0000046	508		no esc	269	269	269	269	269	269	269	269	269	269	269	271	3,230			3,230	
CEMS (Air Emission Svc) - CT3	HGP	875	P03	NE	H0000046	508		no esc	2,875	2,875	2,875	2,875	2,875	2,875	2,875	2,875	2,875	2,875	2,875	2,875	34,500			34,500	
CEMS (Air Emission Svc) - Keahole	HGK	875	CNS	NE	H0000046	508		no esc	484	484	484	484	484	484	484	484	484	484	484	486	5,810				5,810
CEMS (Air Emission Svc) - CT2	HGK	875	C02	NE	H0000046	508		no esc	4,462	4,462	4,462	4,462	4,462	4,462	4,462	4,462	4,462	4,462	4,462	4,458	53,540				53,540
CEMS (Air Emission Svc) - CT4	HGK	875	C04	NE	H0000046	508		no esc	534	534	534	534	534	534	534	534	534	534	534	536	6,410				6,410
CEMS (Air Emission Svc) - CT5	HGK	875	C05	NE	H0000046	508		no esc	534	534	534	534	534	534	534	534	534	534	534	536	6,410				6,410
Total Project _H0000046																					123,090				
Project (3) Heco Fuel Services ICB - H0000171																									
Manage Fuel Supply - Hill	HGA	220	RST	NE	H0000171	550		no esc	720	720	720	720	720	720	720	720	720	720	720	720	8,640				
Manage Fuel Supply - Puna	HGA	220	PST	NE	H0000171	550		no esc	189	189	189	189	189	189	189	189	189	189	189	189	2,268				
Manage Fuel Supply - CT4	HGA	220	C04	NE	H0000171	550		no esc	240	240	240	240	240	240	240	240	240	240	240	240	2,880				
Manage Fuel Supply - CT5	HGA	220	C05	NE	H0000171	550		no esc	114	114	114	114	114	114	114	114	114	114	114	114	1,368				
Admin Fuel Supply - Hill	HGA	221	RST	NE	H0000171	550		no esc	605	605	605	605	605	605	605	605	605	605	605	605	7,260				
Admin Fuel Supply - Puna	HGA	221	P01	NE	H0000171	550		no esc	159	159	159	159	159	159	159	159	159	159	159	159	1,908				
Admin Fuel Supply - CT4	HGA	221	C04	NE	H0000171	550		no esc	202	202	202	202	202	202	202	202	202	202	202	202	2,424				
Admin Fuel Supply - CT5	HGA	221	C05	NE	H0000171	550		no esc	95	95	95	95	95	95	95	95	95	95	95	95	1,140				
Mng Fuel Procurement - Hill	HGA	222	RST	NE	H0000171	550		no esc	523	523	523	523	523	523	523	523	523	523	523	523	6,276				
Mng Fuel Procurement - Puna	HGA	222	P01	NE	H0000171	550		no esc	138	138	138	138	138	138	138	138	138	138	138	138	1,656				

Dimension tab card								Rates tab card	Units tab card													Breakdown of Costs			
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Cla ss	Rates Unit To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Oper Labor	Maint Labor	Oper Non-Lab	Maint Non-Lab
Mng Fuel Procurement - CT4	HGA	222	C04	NE	H0000171	550		no esc	174	174	174	174	174	174	174	174	174	174	174	174	2,088				
Mng Fuel Procurement - CT5	HGA	222	C05	NE	H0000171	550		no esc	83	83	83	83	83	83	83	83	83	83	83	83	996				
Mng Fuel Delivery - Hill	HGA	231	RST	NE	H0000171	550		no esc	523	523	523	523	523	523	523	523	523	523	523	523	6,276				
Mng Fuel Delivery - Puna	HGA	231	P01	NE	H0000171	550		no esc	138	138	138	138	138	138	138	138	138	138	138	138	1,656				
Mng Fuel Delivery - CT4	*HGA*	*231*	*C04*	*NE*	*H0000171*	*550*		*no esc*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*174*	*2,088*				
Mng Fuel Delivery - CT5	HGA	231	C05	NE	H0000171	550		no esc	83	83	83	83	83	83	83	83	83	83	83	72	985				
Total Project _H0000171																					49,909				
																								49,909	
Project (4) UIC Testing - H0000172																									
UIC Testing - Hill/Proj Mgt	HGH	876	RST	NE	H0000172	508		no esc	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	22,680			22,680	
UIC Testing - Kanoelehua	HGH	876	ANS	NE	H0000172	508		no esc	153	153	153	153	153	153	153	153	153	153	153	157	1,840			1,840	
UIC Testing - Puna	HGP	876	P01	NE	H0000172	508		no esc	688	688	688	688	688	688	688	688	688	688	688	682	8,250			8,250	
UIC Testing - Shipman	HGW	876	SST	NE	H0000172	508		no esc	465	465	465	465	465	465	465	465	465	465	465	465	5,580			5,580	
UIC Testing - Keahole	HGK	876	CNS	NE	H0000172	508		no esc	814	814	814	814	814	814	814	814	814	814	814	815	9,770				9,770
Total Project _H0000172																					48,120				
Project (5) Oil Spill Response Program - H0000354																									
Oil Spill Prog - GA E labor	HGA	877	RST	NS	H0000354	150	E		2	2	2	2	2	2	2	2	1	1	1	1	20	875			
Oil Spill Prog - GA TCS labor	HGA	877	RST	NS	H0000354	150	TCS		45	45	45	45	45	45	45	45	45	45	45	45	540	18,778			
Oil Spill Prog - GP BUTC labor	HGP	877	RST	NE	H0000354	150	BUTC		27	27	27	27	27	27	27	27	27	27	27	23	320	11,405			
Oil Spill Prog - GT TC labor	HGT	877	RST	NS	H0000354	150	TC		2	2	2	2	2	2	2	2	1	1	1	1	20	622			
Total Labor Hours																					900				
Total Labor Dollars - calculated by Pillar									2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,435	2,435	2,435	2,293	29,679				
Oil Spill Prog - Materials	HGA	877	RST	NE	H0000354	201		no esc	83	83	83	83	83	83	83	83	84	84	84	84	1,000			1,000	
Oil Spill Prog - Outside Svc	HGA	877	RST	NE	H0000354	501		no esc	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000			36,000	
Total Project _H0000354																					66,679				
Project (6) Predictive Maintenance Program - H0000698																									
Pred Maint Prog - Outside Svc	HGM	261	R05	NE	H0000698	501		no esc	5,205	5,205	5,205	5,205	5,205	5,205	5,205	5,205	5,205	5,205	5,205	5,245	62,500				62,500
Total Project _H0000698																					62,500				
Total Standard Projects																					771,098	29,679	-	596,979	144,440
																						IR-1, Att 5 Pg 3		IR-2, Att 1, Pg 3	IR-2, Att 1B, Pg 1

(Overhauls) Project / Program - Input Sheet
2006

Resp Area (RA) _____

Prepared by KK
Date 6/9/2006

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Project (1) CT3 Gen Insp 2006 - Kkklein01																					
CT3 Gen Insp 2006 - Supv labor	HGX	256	P03	NS	Kklein01	150	TCS	TCS	96												96
CT3 Gen Insp 2006 - WF(m) labor	HGX	272	P03	NE	Kklein01	150	BUTC	BUTC	96												96
CT3 Gen Insp 2006 - Gmech	HGX	272	P03	NE	Kklein01	150	Gmech	Gmech	192												192
CT3 Gen Insp 2006 - WF(e) labor	HGX	272	P03	NE	Kklein01	150	BUTC	BUTC	96												96
CT3 Gen Insp 2006 - Elec labor	HGX	272	P03	NE	Kklein01	150	Geleac	Geleac	96												96
Total labor hours									576	0	0	0	0	0	0	0	0	0	0	0	576
Total labor dollars calculated by Pillar									20,193	0	0	0	0	0	0	0	0	0	0	0	20,193
CT3 Gen Insp 2006 - matls	HGX	272	P03	NE	Kklein01	201		no esc	25,000												25,000
CT3 Gen Insp 2006 - contr svc	HGX	272	P03	NE	Kklein01	501		no esc	13,000			0									13,000
Total Direct Cost									58,193	0	0	0	0	0	0	0	0	0	0	0	58,193
Project (2) CT1 Gen Insp 2006 - Kkklein02																					
CT1 Gen Insp 2006 - Supv labor	HGX	256	A01	NS	Kklein02	150	TCS	TCS		96											96
CT1 Gen Insp 2006 - WF(m) labor	HGX	272	A01	NE	Kklein02	150	BUTC	BUTC		96											96
CT1 Gen Insp 2006 - Gmech	HGX	272	A01	NE	Kklein02	150	Gmech	Gmech		192											192
CT1 Gen Insp 2006 - WF(e) labor	HGX	272	A01	NE	Kklein02	150	BUTC	BUTC		96											96
CT1 Gen Insp 2006 - Elec labor	HGX	272	A01	NE	Kklein02	150	Geleac	Geleac		96											96
Total labor hours									0	576	0	0	0	0	0	0	0	0	0	0	576
Total labor dollars calculated by Pillar									0	20,193	0	0	0	0	0	0	0	0	0	0	20,193
CT1 Gen Insp 2006 - matls	HGX	272	A01	NE	Kklein02	201		no esc		15,000											15,000
CT1 Gen Insp 2006 - contr svc	HGX	272	A01	NE	Kklein02	501		no esc		8,000											8,000
Total Direct Cost									0	43,193	0	0	0	0	0	0	0	0	0	0	43,193
Project (3) CT2 Major Field Insp 2006 - Kkklein03																					
CT2 Major Field Insp 2006 - Supv labor	HGX	256	C02	NS	Kklein03	150	TCS	TCS		96	192										288
CT2 Major Field Insp 2006 - WF(m) la	HGX	272	C02	NE	Kklein03	150	BUTC	BUTC		96	192										288
CT2 Major Field Insp 2006 - Gmech	HGX	272	C02	NE	Kklein03	150	Gmech	Gmech		96	192										288
CT2 Major Field Insp 2006 - WF(e) lab	HGX	272	C02	NE	Kklein03	150	BUTC	BUTC		96	192										288
CT2 Major Field Insp 2006 - WF(a) lab	HGX	272	C02	NE	Kklein03	150	BUTC	BUTC		96	192										288
CT2 Major Field Insp 2006 - Elec labor	HGX	272	C02	NE	Kklein03	150	Geleac	Geleac		192	384										576
Total labor hours									0	672	1,344	0	0	0	0	0	0	0	0	0	2,016
Total labor dollars calculated by Pillar									0	23,259	46,518	0	0	0	0	0	0	0	0	0	69,777
CT2 Major Field Insp 2006 - matls	HGX	272	C02	NE	Kklein03	201		no esc		265,000	746,000										1,011,000
CT2 Major Field Insp 2006 - contr svc	HGX	272	C02	NE	Kklein03	501		no esc		450,000	450,225										900,225
Total Direct Cost									0	738,259	1,242,743	0	0	0	0	0	0	0	0	0	1,981,002
Project (4) CT4 ~~Hot Section~~ Monthly Boroscopes 2006 - Kkklein13																					

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CT4 Hot Section 2006 - Supv labor	HGX	256	C04	NS	Kklein13	150	TCS	TCS									96				96
CT4 Hot Section 2006 - WF(m) labor	HGK	272	C04	NE	Kklein13	150	BUTC	BUTC									96				96
CT4 Hot Section 2006 - Gmech	HGK	272	C04	NE	Kklein13	150	Gmech	Gmech									96				96
CT4 Hot Section 2006 - WF(e) labor	HGK	272	C04	NE	Kklein13	150	BUTC	BUTC									96				96
CT4 Hot Section 2006 - WF(a) labor	HGK	272	C04	NE	Kklein13	150	BUTC	BUTC									96				96
CT4 Hot Section 2006 - Elec labor	HGK	272	C04	NE	Kklein13	150	Geleac	Geleac									192				192
Total labor hours									0	0	0	0	0	0	0	0	672	0	0	0	672
Total labor dollars calculated by Pillar									0	0	0	0	0	0	0	0	23,259	0	0	0	23,259
CT4 Hot Section 2005 - matls	HGK	272	C04	NE	Kklein13	201		no esc									0				0
CT4 Hot Section 2005 - contr svc	HGK	272	C04	NE	Kklein13	501		no esc									32,000				32,000
Total Direct Cost									0	0	0	0	0	0	0	0	55,259	0	0	0	55,259
Project (5) Hill 5 Blr Insp 2006 - Kklein14																					
H5 Blr Insp 2006 - Supv labor	HGM	256	R05	NS	Kklein14	150	TCS	TCS			96	56									152
H5 Blr Insp 2006 - WF(m) labor	HGM	257	R05	NE	Kklein14	150	BUTC	BUTC			288	168									456
H5 Blr Insp 2006 - welder labor	HGM	257	R05	NE	Kklein14	150	BUTC	BUTC			192	112									304
H5 Blr Insp 2006 - Gmech	HGM	257	R05	NE	Kklein14	150	Gmech	Gmech			480	280									760
H5 Blr Insp 2006 - WF(e) labor	HGM	260	R05	NE	Kklein14	150	BUTC	BUTC			192	112									304
H5 Blr Insp 2006 - Elec labor	HGM	260	R05	NE	Kklein14	150	Geleac	Geleac			288	168									456
Total labor hours									0	0	1,536	896	0	0	0	0	0	0	0	0	2,432
Total labor dollars calculated by Pillar									0	0	54,460	31,768	0	0	0	0	0	0	0	0	86,228
H5 Blr Insp 2006 - matls	HGM	257	R05	NE	Kklein14	201		no esc			52,500										52,500
H5 Blr Insp 2006 - contr svc	HGM	257	R05	NE	Kklein14	501		no esc			136,968	136,968									273,936
Total Direct Cost									0	0	243,928	168,736	0	0	0	0	0	0	0	0	412,664
Project (6) Puna Blr Insp 2006 - Kklein15																					
Puna Blr Insp 2006 - Supv labor	HGM	256	P01	NS	Kklein15	150	TCS	TCS				144									144
Puna Blr Insp 2006 - WF(m) labor	HGM	257	P01	NE	Kklein15	150	BUTC	BUTC				432									432
Puna Blr Insp 2006 - welder labor	HGM	257	P01	NE	Kklein15	150	BUTC	BUTC				288									288
Puna Blr Insp 2006 - Gmech	HGM	257	P01	NE	Kklein15	150	Gmech	Gmech				720									720
Puna Blr Insp 2006 - WF(e) labor	HGM	260	P01	NE	Kklein15	150	BUTC	BUTC				288									288
Puna Blr Insp 2006 - Elec labor	HGM	260	P01	NE	Kklein15	150	Geleac	Geleac				432									432
Total labor hours									0	0	0	2,304	0	0	0	0	0	0	0	0	2,304
Total labor dollars calculated by Pillar									0	0	0	81,690	0	0	0	0	0	0	0	0	81,690
Puna Blr Insp 2006 - matls	HGM	257	P01	NE	Kklein15	201		no esc				163,500									163,500
Puna Blr Insp 2006 - contr svc	HGM	257	P01	NE	Kklein15	501		no esc				88,654									88,654
Total Direct Cost									0	0	0	333,844	0	0	0	0	0	0	0	0	333,844
Project (7) CT5 Hot Section 2006 - Kklein16																					
CT5 Hot Section 2006 - Supv labor	HGX	256	C05	NS	Kklein16	150	TCS	TCS					96								96
CT5 Hot Section 2006 - WF(m) labor	HGK	272	C05	NE	Kklein16	150	BUTC	BUTC					96								96
CT5 Hot Section 2006 - Gmech	HGK	272	C05	NE	Kklein16	150	Gmech	Gmech					96								96
CT5 Hot Section 2006 - WF(e) labor	HGK	272	C05	NE	Kklein16	150	BUTC	BUTC					96								96
CT5 Hot Section 2006 - WF(a) labor	HGK	272	C05	NE	Kklein16	150	BUTC	BUTC					96								96

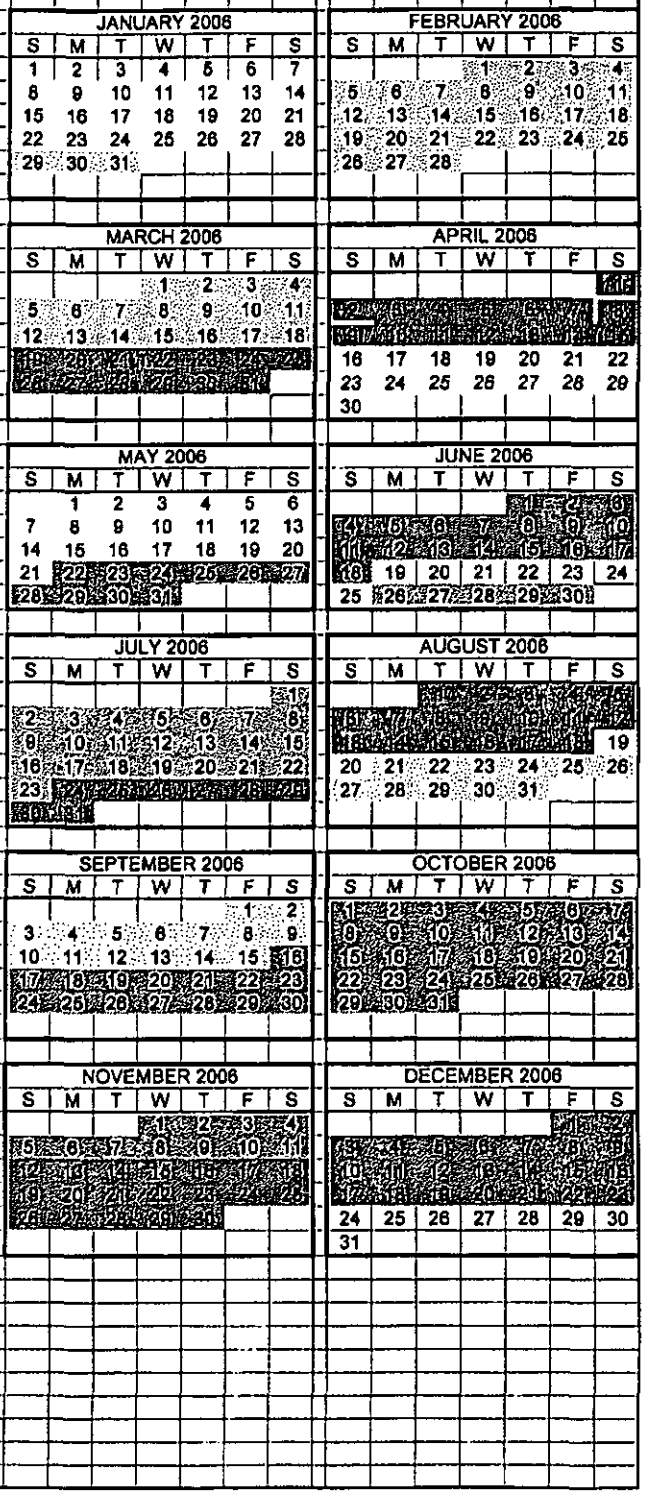
Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CT5 Hot Section 2006 - Elec labor	HGK	272	C05	NE	Kklein16	150	Geleac	Geleac					192								192
Total labor hours									0	0	0	0	672	0	0	0	0	0	0	0	672
Total labor dollars calculated by Pillar									0	0	0	0	23,259	0	0	0	0	0	0	0	23,259
CT5 Hot Section 2006 - matls	HGK	272	C05	NE	Kklein16	201		no esc					720,000								720,000
CT5 Hot Section 2006 - contr svc	HGK	272	C05	NE	Kklein16	501		no esc					662,000								662,000
Total Direct Cost									0	0	0	0	1,405,259	0	0	0	0	0	0	0	1,405,259
Project (8) Hill 6 Blr Insp 2006 - Kklein17																					
H6 Blr Insp 2006 - Supv labor	HGM	256	R06	NS	Kklein17	150	TCS	TCS					152								152
H6 Blr Insp 2006 - WF(m) labor	HGM	257	R06	NE	Kklein17	150	BUTC	BUTC					456								456
H6 Blr Insp 2006 - welder labor	HGM	257	R06	NE	Kklein17	150	BUTC	BUTC					304								304
H6 Blr Insp 2006 - Gmech	HGM	257	R06	NE	Kklein17	150	Gmech	Gmech					760								760
H6 Blr Insp 2006 - WF(e) labor	HGM	260	R06	NE	Kklein17	150	BUTC	BUTC					304								304
H6 Blr Insp 2006 - Elec labor	HGM	260	R06	NE	Kklein17	150	Geleac	Geleac					456								456
Total labor hours									0	0	0	0	2,432	0	0	0	0	0	0	0	2,432
Total labor dollars calculated by Pillar									0	0	0	0	86,228	0	0	0	0	0	0	0	86,228
H6 Blr Insp 2006 - matls	HGM	257	R06	NE	Kklein17	201		no esc				138,750	138,750								277,500
H6 Blr Insp 2006 - contr svc	HGM	257	R06	NE	Kklein17	501		no esc					159,077	159,077							318,154
Total Direct Cost									0	0	0	138,750	384,055	159,077	0	0	0	0	0	0	681,882
Project (9) Shp 3 Blr Insp 2006 - Kklein18																					
S3 Blr Insp 2006 - Supv labor	HGM	256	S03	NS	Kklein18	150	TCS	TCS							56	88					144
S3 Blr Insp 2006 - WF(m) labor	HGM	257	S03	NE	Kklein18	150	BUTC	BUTC							168	264					432
S3 Blr Insp 2006 - welder labor	HGM	257	S03	NE	Kklein18	150	BUTC	BUTC							112	176					288
S3 Blr Insp 2006 - Gmech	HGM	257	S03	NE	Kklein18	150	Gmech	Gmech							280	440					720
S3 Blr Insp 2006 - WF(e) labor	HGM	260	S03	NE	Kklein18	150	BUTC	BUTC							112	176					288
S3 Blr Insp 2006 - Elec labor	HGM	260	S03	NE	Kklein18	150	Geleac	Geleac							168	264					432
Total labor hours									0	0	0	0	0	0	896	1,408	0	0	0	0	2,304
Total labor dollars calculated by Pillar									0	0	0	0	0	0	31,768	49,922	0	0	0	0	81,690
S3 Blr Insp 2006 - matls	HGM	257	S03	NE	Kklein18	201		no esc							67,500						67,500
S3 Blr Insp 2006 - contr svc	HGM	257	S03	NE	Kklein18	501		no esc								79,654					79,654
Total Direct Cost									0	0	0	0	0	0	99,268	129,576	0	0	0	0	228,844
Project (10) Shp 4 Blr Insp 2006 - Kklein19																					
S4 Blr Insp 2006 - Supv labor	HGM	256	S04	NS	Kklein19	150	TCS	TCS								120	24				144
S4 Blr Insp 2006 - WF(m) labor	HGM	257	S04	NE	Kklein19	150	BUTC	BUTC								360	72				432
S4 Blr Insp 2006 - welder labor	HGM	257	S04	NE	Kklein19	150	BUTC	BUTC								240	48				288
S4 Blr Insp 2006 - Gmech	HGM	257	S04	NE	Kklein19	150	Gmech	Gmech								600	120				720
S4 Blr Insp 2006 - WF(e) labor	HGM	260	S04	NE	Kklein19	150	BUTC	BUTC								240	48				288
S4 Blr Insp 2006 - Elec labor	HGM	260	S04	NE	Kklein19	150	Geleac	Geleac								360	72				432
Total labor hours									0	0	0	0	0	0	0	1,920	384	0	0	0	2,304
Total labor dollars calculated by Pillar									0	0	0	0	0	0	0	68,075	13,615	0	0	0	81,690
S4 Blr Insp 2006 - matls	HGM	257	S04	NE	Kklein19	201		no esc								67,500					67,500
S4 Blr Insp 2006 - contr svc	HGM	257	S04	NE	Kklein19	501		no esc									79,654				79,654

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Ubr Cbres	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Direct Cost									0	0	0	0	0	0	0	135,575	93,269	0	0	0	228,844
Project (11) Kanoelehua D17 OH 2006 2008 - H0000779																					
Kan D17 OH 2006 - Supv labor	HGX	256	A17	NS	H0000779	150	TCS	TCS													0
Kan D17 OH 2006 - WF(m) labor	HGX	275	A17	NE	H0000779	150	BUTC	BUTC													0
Kan D17 OH 2006 - Gmech	HGX	275	A17	NE	H0000779	150	Gmech	Gmech													0
Kan D17 OH 2006 - WF(e) labor	HGX	275	A17	NE	H0000779	150	BUTC	BUTC													0
Kan D17 OH 2006 - Elec labor	HGX	275	A17	NE	H0000779	150	Geleac	Geleac													0
Total labor hours									0	0	0	0	0	0	0	0	0	0	0	0	0
Total labor dollars calculated by Pillar									0	0	0	0	0	0	0	0	0	0	0	0	0
Kan D17 OH 2006 - matls	HGX	275	A17	NE	H0000779	201		no esc													0
Kan D17 OH 2006 - contr svc	HGX	275	A17	NE	H0000779	501		no esc													0
Total Direct Cost									0	0	0	0	0	0	0	0	0	0	0	0	0
Project (12) Kea Dsl 21 OH 2006 2007 - Kklein20																					
Kea D21 OH 2006 - matls	HGX	275	C21	NE	Kklein20	201		no esc													0
Kea D21 OH 2006 - contr svc	HGX	275	C21	NE	Kklein20	501		no esc													0
Total Direct Cost									0	0	0	0	0	0	0	0	0	0	0	0	0
Project (13) #24 Disp Gen Unit OH 2006 2007 - Kklein30																					
Disp Gen D24 OH 2006 - matls	HGX	275	D24	NE	Kklein30	201		no esc													0
Disp Gen D24 OH 2006 - contr svc	HGX	275	D24	NE	Kklein30	501		no esc													0
Total Direct Cost									0	0	0	0	0	0	0	0	0	0	0	0	0
Project (14) #25 Disp Gen Unit OH 2006 2008 - Kklein31																					
Disp Gen D25 OH 2006 - matls	HGX	275	D25	NE	Kklein31	201		no esc													0
Disp Gen D25 OH 2006 - contr svc	HGX	275	D25	NE	Kklein31	501		no esc													0
Total Direct Cost									0	0	0	0	0	0	0	0	0	0	0	0	0
$ 5,428,982.12																					
Total Overhaul Projects																					5,428,982

	Helco 2006 OH Schedule, Preliminary				RA	Maint Labor	Maint Non-Labor	Reference
(1)	CT3 General Inspection - 2006			$ 58,182.64	HGX	$ 20,193	$ 38,000	Page 3 of 12
	1/8-1/28/06	3 weeks	Kklein01					
(2)	CT1 Gen Insp- 2006			$ 43,192.64	HGX	$ 20,193	$ 23,000	Page 4 of 12
	1/29-2/18/06	3 weeks	Kklein02					
(3)	CT2 Major Field Insp - 2006			$ 1,981,001.64	HGK	$ 69,777	$ 1,911,225	Page 5 of 12
	2/19-3/11/06	8 weeks	Kklein03					
(4)	CT4 Annual Insp - 2006			$ 55,258.88	HGK	$ 23,259	$ 32,000	Page 6 of 12
	9/3-9/23/06	3 weeks	Kklein13					
(5)	Hill 5 Boiler Inspection - 2006			$ 412,664.08	HGM	$ 86,228	$ 326,436	Page 7 of 12
	3/19-4/15/06	4 weeks	Kklein14					
(6)	Puna Boiler Inspection - 2006			$ 333,843.76	HGM	$ 81,690	$ 252,154	Page 8 of 12
	4/16-5/20/06	5 weeks	Kklein15					
(7)	CT5 Hot Section - 2006			$ 1,405,258.88	HGK	$ 23,259	$ 1,382,000	Page 9 of 12
	5/13-6/2/06	3 weeks	Kklein16					
(8)	Hill 6 Boiler Inspection - 2006			$ 681,882.08	HGM	$ 86,228	$ 595,654	Page 10 of 12
	5/8-6/18/06	4 weeks	Kklein17					
(9)	Shipman 3 Boiler Insp - 2006			$ 228,843.76	HGM	$ 81,690	$ 147,154	Page 11 of 12
	7/24-8/18/06	4 weeks	Kklein18					
(10)	Shipman 4 Boiler Insp - 2006			$ 228,843.76	HGM	$ 81,690	$ 147,154	Page 12 of 12
	8/21-9/15/06	4 weeks	Kklein19					
			Total	$ 5,428,982.12		$ 574,205	$ 4,854,777	
		TOTAL HGK				$ 116,294	$ 3,325,225	sum of above
		TOTAL HGM				$ 417,525	$ 1,468,552	sum of above
		TOTAL HGX				$ 40,385	$ 61,000	sum of above
			Total Overhauls			$ 574,205	$ 4,854,777	
		From CA-IR-2 Att 1A, Page 4						
		TOTAL HGK				$ -	$ 81,940	CA-IR-2 Att 1A, Page 4
		TOTAL HGM				$ -	$ 62,500	CA-IR-2 Att 1A, Page 4
			Total Standard Projects			$ -	$ 144,440	
		TOTAL HGK				$ 116,294	$ 3,407,165	CA-IR-2, Att 1, Page 3
		TOTAL HGM				$ 417,525	$ 1,531,052	CA-IR-2, Att 1, Page 3
		TOTAL HGX				$ -	$ 62,500	CA-IR-2, Att 1, Page 3
			Total Overhauls & Standard Projects			$ 574,205	$ 4,999,217	

HELCO 2006 OVERHAUL SCHEDULE
confirmed: NVerbanic
4/14/05

Puna CT3 Gen Inspection Jan 8 - Jan 28, 2006	3 weeks
Kanoelehua CT1 Gen Inspection Jan 29 - Feb 18, 2006	3 weeks
Keahole CT2 MFI Feb 19 - April 15, 2006	8 weeks
Hill 5 Boiler Inspection Mar 19 - Apr 15, 2006	4 weeks
Waimea D12 Noise Abatement *Mar 14 - 27, 2006*	*2 weeks*
Waimea D13 Noise Abatement *Mar 28 - Apr 10, 2006*	*2 weeks*
Waimea D14 Noise Abatement *Apr 11 - 24, 2006*	*2 weeks*
Puna Boiler Inspection Apr 16 - May 20, 2006	5 weeks
Keahole CT5 Gen Inspection May 13 - June 2, 2006	3 weeks
Hill 6 Boiler Inspection May 22 - June 18, 2006	4 weeks
ECV Annual Overhaul *May 29 - Jun 11, 2006*	2 weeks
#REFI June 5 - 23, 2006	3 weeks
#REFI June 26 - July 14, 2006	3 weeks
Keahole CT4 Gen Inspection Sept 3 - 23, 2006	3 weeks
HEP Annual Overhaul Jun 26 - Jul 9, 2006 July 10 - Jul 23, 2006	4 weeks HEP 1 HEP 2
Shipman 4 Boiler Inspection Jul 24- Aug 18, 2006	4 weeks
Shipman 4 - Boiler Inspection Aug 21 - Sep 15, 2006	4 weeks
Kanoe Diesel 17 Overhaul Sept 24 - Nov 11, 2006	6 weeks
Keahole Diesel 2 Overhaul Nov 12 - Dec 23, 2006	6 weeks



CT3 General Inspection - 2006						*Project #*	***Kklein01***
Scheduled:	1/8-1/28/06	3 weeks					
Labor:				Jan hrs	2006		Jan
Labor Class	Code Block	# EE		80st/16ot	SLR		Cost
TCS	HGX 256 P03 NS Kklein01	1		96	$ 31.07	$ -	$ 2,982.72
BUTC (WFm)	HGX 272 P03 NE Kklein01	1		96	$ 35.64	$ -	$ 3,421.44
G_MECH	HGX 272 P03 NE Kklein01	2		192	$ 37.23	$ -	$ 7,148.16
BUTC (WFe)	HGX 272 P03 NE Kklein01	1		96	$ 35.64	$ -	$ 3,421.44
G_ELEAC	HGX 272 P03 NE Kklein01	1		96	$ 33.53	$ -	$ 3,218.88
	(150 ee)						
	Subtotal	6	-	576		$ -	$ 20,192.64
80 ST & 16 OT hrs (Saturdays 8 hrs)		Total Hrs		576			$ 20,192.64

Materials:			**Contract Svs:**				
Resin 1 x							
filters, gaskets, hoses		$ 10,000	Services, estimate				
Sepralators		$ 15,000		Boroscope inspection			$ 8,000
			Other				$ 5,000
Materials	HGX 272 P03 NE Kklein01	$ 25,000	Contract Svcs		HGX 272 P03 NE Kklein01		$ 13,000
	(201 ee)					(501 ee)	
			HECO ICB:				
Total Direct Cost:	$ 58,192.64		ICB		HGX 272 P03 NE Kklein01		$ -
						(550 ee)	

CT1 Gen Insp- 2006						Project #	**Kklein02**
Scheduled:	1/29-2/18/06	3 weeks					
Labor:				Feb hrs	2006		Feb
Labor Class	Code Block	# EE		80st/16ot	SLR		Cost
TCS	HGX 256 A01 NS Kklein02	1		96	$ 31.07	$ -	$ 2,982.72
BUTC (WFm)	HGX 272 A01 NE Kklein02	1		96	$ 35.64	$ -	$ 3,421.44
G_MECH	HGX 272 A01 NE Kklein02	2		192	$ 37.23	$ -	$ 7,148.16
BUTC (WFe)	HGX 272 A01 NE Kklein02	1		96	$ 35.64	$ -	$ 3,421.44
G_ELEAC	HGX 272 A01 NE Kklein02	1		96	$ 33.53	$ -	$ 3,218.88
	(150 ee)						
	Subtotal	6	-	576		$ -	$ 20,192.64
80 ST & 16 OT hrs (Saturdays 8 hrs)		Total Hrs		576			$ 20,192.64
Materials:			**Contract Svs:**				
Resin 1 x			Services, estimate				
filters, gaskets, hoses		$ 15,000		Boroscope inspection			$ 8,000
Materials	HGX 272 A01 NE Kklein02	$ 15,000	Contract Svcs		HGX 272 A01 NE Kklein02		$ 8,000
	(201 ee)					(501 ee)	
			HECO ICB:				
Total Direct Cost:	$ 43,192.64		ICB		HGX 272 A01 NE Kklein02		$ -
						(550 ee)	

CT2 Major Field Insp - 2006						Project #	**Kklein03**
Scheduled:	2/19-3/11/06	8 weeks					
Labor:			Feb hrs	Mar hrs	2006	Feb	Mar
Labor Class	Code Block	# EE	16st	64st/16ot	SLR	Cost	Cost
TCS	HGX 256 C02 NS Kklein03	1	96	192	$ 31.07	$ 2,982.72	$ 5,965.44
BUTC (WFm)	HGK 272 C02 NE Kklein03	1	96	192	$ 35.64	$ 3,421.44	$ 6,842.88
G_MECH	HGK 272 C02 NE Kklein03	1	96	192	$ 37.23	$ 3,574.08	$ 7,148.16
BUTC (WFe)	HGK 272 C02 NE Kklein03	1	96	192	$ 35.64	$ 3,421.44	$ 6,842.88
BUTC (WFa)	HGK 272 C02 NE Kklein03	1	96	192	$ 35.64	$ 3,421.44	$ 6,842.88
G_ELEAC	HGK 272 C02 NE Kklein03	2	192	384	$ 33.53	$ 6,437.76	$ 12,875.52
	(150 ee)						
	Subtotal	7	672	1,344		$ 23,258.88	$ 46,517.76
80 ST & 16 OT hrs (Saturdays 8 hrs)		Total Hrs		2,016			$ 69,776.64

Materials:			**Contract Svs:**			
Resin 1 x			Earl Niemic (labor & matls)			$ 12,000
filters, gaskets, hoses		$ 30,000	boroscope			$ 6,000
Per Nverbanic		$ 981,000	Per Nverbanic			$ 882,225
Materials	HGK 272 C02 NE Kklein03	$ 1,011,000	Contract Svcs	HGK 272 C02 NE Kklein03		$ 900,225
	(201 ee)				(501 ee)	
			HECO ICB:			
Total Direct Cost:	$ 1,981,001.64		ICB	HGK 272 C02 NE Kklein03		$ -
					(550 ee)	

CT4 Annual Insp - 2006						Project #	**Kklein13**
Scheduled:	9/3-9/23/06	3 weeks					
Labor:				Sept hrs	2006		Sept
Labor Class	Code Block	# EE		40 st/ 8 ot	SLR		Cost
TCS	HGX 256 C04 NS Kklein13	1		96	$ 31.07		$ 2,982.72
BUTC (WFm)	HGK 272 C04 NE Kklein13	1		96	$ 35.64		$ 3,421.44
G_MECH	HGK 272 C04 NE Kklein13	1		96	$ 37.23		$ 3,574.08
BUTC (WFe)	HGK 272 C04 NE Kklein13	1		96	$ 35.64		$ 3,421.44
BUTC (WFa)	HGK 272 C04 NE Kklein13	1		96	$ 35.64		$ 3,421.44
G_ELEAC	HGK 272 C04 NE Kklein13	2		192	$ 33.53		$ 6,437.76
	(150 ee)						
	Subtotal	7	-	672		$ -	$ 23,258.88
48 ST & 8 OT hrs (Saturdays 8 hrs)		Total Hrs		672			$ 23,258.88

Materials:			**Contract Svs:**			
Resin 1 x			boroscope			$ 12,000
filters, gaskets, hoses			Other (per Nverbanic)			$ 20,000
Other (per Nverbanic)						
Materials	HGK 272 C04 NE Kklein13	$ -	Contract Svcs	HGK 272 C04 NE Kklein13		$ 32,000
	(201 ee)				(501 ee)	
			HECO ICB:			
Doubled original estimate on 6/4/04 per DG's request.						
Total Direct Cost:	$ 55,258.88		ICB	HGK 272 C04 NE Kklein13		$ -
					(550 ee)	

Hill 5 Boiler Inspection - 2006						Project #	**Kklein14**
Scheduled:	3/19-4/15/06	4 weeks					
Labor:			Mar hrs	Apr hrs	2006	Mar	Apr
Labor Class	Code Block	# EE	80st/16ot	40st/16ot	SLR	Cost	Cost
TCS	HGM 256 R05 NS Kklein14	1	96	56	$ 31.07	$ 2,982.72	$ 1,739.92
BUTC (WFm)	HGM 257 R05 NE Kklein14	3	288	168	$ 35.64	$ 10,264.32	$ 5,987.52
BUTC (welder)	HGM 257 R05 NE Kklein14	2	192	112	$ 35.64	$ 6,842.88	$ 3,991.68
G_MECH	HGM 257 R05 NE Kklein14	5	480	280	$ 37.23	$ 17,870.40	$ 10,424.40
BUTC (WFe)	HGM 260 R05 NE Kklein14	2	192	112	$ 35.64	$ 6,842.88	$ 3,991.68
G_ELEAC	HGM 260 R05 NE Kklein14	3	288	168	$ 33.53	$ 9,656.64	$ 5,633.04
	(150 ee)						
	Subtotal	16	1,536	896		$ 54,459.84	$ 31,768.24
120 ST & 24 OT hrs (Saturdays 8 hrs)		Total Hrs		2,432			$ 86,228.08

Materials:			**Contract Svs:**		
Supplies (cleaners,rags,etc)			Lighting/fixture repair		$ 1,500
@ $200/day		$ 2,800	Controls replacement		$ 5,000
Parts(valves,packing,piping,etc)			Repair old conduits		$ 4,000
@ $1,800/day		$ 25,200	Repair breakers		$ 2,500
Safety valve		$ 1,500	Temp hire (4 helpers X 40hrs/wk x $16)		$ 6,656
Duct matl/ ductwork seal		$ 5,000	Misc rentals (dump truck, etc) @ $270 day		$ 3,780
Insulation		$ 5,000	Insulation Services		$ 31,000
Refractory		$ 5,000	O.H. 1 cwpp motor rewind		$ 4,000
Hotside expansion		$ 3,000	Safety Valve Testing (hydroset)		$ 500
Re-tube turbine L/O coolers		$ 5,000	Servo refurbishment		$ 15,000
			Hill WW tank piping repair		$ 50,000
			Hill 5 control work (per DGiovanni 4/14/04)		$ 150,000
Materials	HGM 257 R05 NE Kklein14	$ 52,500	Contract Svcs	HGM 257 R05 NE Kklein14	$ 273,936
	(201 ee)			(501 ee)	
			HECO ICB:		
Total Direct Cost:	$ 412,664.08		ICB	HGM 257 R05 NE Kklein14	$ -
				(550 ee)	

Puna Boiler Inspection - 2006						Project #	**Kklein15**
Scheduled:	4/16-5/20/06	5 weeks					
Labor:				Apr	2006		Apr
Labor Class	Code Block	# EE		120st/24ot	SLR		Cost
TCS	HGM 256 P01 NS Kklein15	1		144	$ 31.07	$ -	$ 4,474.08
BUTC (WFm)	HGM 257 P01 NE Kklein15	3		432	$ 35.64	$ -	$ 15,396.48
BUTC (welder)	HGM 257 P01 NE Kklein15	2		288	$ 35.64	$ -	$ 10,264.32
G_MECH	HGM 257 P01 NE Kklein15	5		720	$ 37.23	$ -	$ 26,805.60
BUTC (WFe)	HGM 260 P01 NE Kklein15	2		288	$ 35.64	$ -	$ 10,264.32
G_ELEAC	HGM 260 P01 NE Kklein15	3		432	$ 33.53	$ -	$ 14,484.96
	(150 ee)						
	Subtotal	16	-	2,304		$ -	$ 81,689.76
80 ST & 16 OT hrs (Saturdays 8 hrs)		Total Hrs		2,304			$ 81,689.76

Materials:			**Contract Svs:**			
Supplies (cleaners,rags,etc)			Lighting/fixture repair			$ 1,500
@ $200/day		$ 4,200	Controls replacement			$ 5,000
Parts(valves,packing,piping,etc)			Repair old conduits			$ 4,000
@ $1,800/day		$ 37,800	Repair breakers			$ 2,500
Safety valve		$ 1,500				
			Temp hire (4 helpers X 40hrs/wk x $16)+OT			$ 9,984
Duct matl/ ductwork seal		$ 5,000	Misc rentals (dump truck, etc) @ $270 day			$ 5,670
Insulation		$ 5,000	WW tank piping repairs			$ 10,000
Refractory		$ 5,000	Gas out duct repairs			$ 50,000
Cold end baskets		$ 40,000				
Puna expansion joints gas out duct		$ 40,000				
Puna APH baskets		$ 25,000				
Materials	HGM 257 P01 NE Kklein15	$ 163,500	Contract Svcs		HGM 257 P01 NE Kklein15	$ 88,654
	(201 ee)				(501 ee)	
						$ -
			HECO ICB:			
Total Direct Cost:	$ 333,843.76		ICB		HGM 257 P01 NE Kklein15	$ -
					(550 ee)	

CT5 Hot Section - 2006						Project #	**Kklein16**
Scheduled:	5/13-6/2/06	3 weeks					
Labor:				May hrs	2006		May
Labor Class	Code Block	# EE		40st/8ot	SLR		Cost
TCS	HGX 256 C05 NS Kklein16	1		96	$ 31.07	$ -	$ 2,982.72
BUTC (WFm)	HGK 272 C05 NE Kklein16	1		96	$ 35.64	$ -	$ 3,421.44
G_MECH	HGK 272 C05 NE Kklein16	1		96	$ 37.23	$ -	$ 3,574.08
BUTC (WFe)	HGK 272 C05 NE Kklein16	1		96	$ 35.64	$ -	$ 3,421.44
BUTC (WFa)	HGK 272 C05 NE Kklein16	1		96	$ 35.64	$ -	$ 3,421.44
G_ELEAC	HGK 272 C05 NE Kklein16	2		192	$ 33.53	$ -	$ 6,437.76
	(150 ee)						
	Subtotal	7	-	672		$ -	$ 23,258.88
40 ST & 8 OT hrs (Saturdays 8 hrs)		Total Hrs		672			$ 23,258.88
Materials:			**Contract Svs:**				
Resin 1 x			boroscope				$ 12,000
filters, gaskets, hoses		$ 20,000	Other (per Nverbanic)				$ 650,000
Other (per Nverbanic)		$ 700,000					
Materials	HGK 272 C05 NE Kklein16	$ 720,000	Contract Svcs		HGK 272 C05 NE Kklein16		$ 662,000
	(201 ee)					(501 ee)	
			HECO ICB:				
Doubled original estimate on 6/4/04 per DG's request.							
Total Direct Cost:	$ 1,405,258.88		ICB		HGK 272 C05 NE Kklein16		$ -
						(550 ee)	

Hill 6 Boiler Inspection - 2006						Project #	**Kklein17**
Scheduled:	5/8-6/18/06	4 weeks					
Labor:				May hrs	2006		May
Labor Class	Code Block	# EE		120st/32ot	SLR		Cost
TCS	HGM 256 R06 NS Kklein17	1		152	$ 31.07	$ -	$ 4,722.64
BUTC (WFm)	HGM 257 R06 NE Kklein17	3		456	$ 35.64	$ -	$ 16,251.84
BUTC (welder)	HGM 257 R06 NE Kklein17	2		304	$ 35.64	$ -	$ 10,834.56
G_MECH	HGM 257 R06 NE Kklein17	5		760	$ 37.23	$ -	$ 28,294.80
BUTC (WFe)	HGM 260 R06 NE Kklein17	2		304	$ 35.64	$ -	$ 10,834.56
G_ELEAC	HGM 260 R06 NE Kklein17	3		456	$ 33.53	$ -	$ 15,289.68
	(150 ee)						
	Subtotal	16	0	2,432		$ -	$ 86,228.08
80 ST & 16 OT hrs (Saturdays 8 hrs)		Total Hrs		2,432			$ 86,228.08

Materials:			**Contract Svs:**		
Supplies (cleaners,rags,etc)			Lighting/fixture repair		$ 1,500
@ $200/day		$ 4,200	Controls replacement		$ 5,000
Parts(valves,packing,piping,etc)			Repair old conduits		$ 4,000
@ $1,800/day		$ 37,800	Repair breakers		$ 2,500
Safety valve		$ 1,500	Temp hire (4 helpers X 40hrs/wk x $16) + OT		$ 9,984
			Misc rentals (dump truck, etc) @ $270 day		$ 5,670
Duct matl/ ductwork seal		$ 5,000	Insulation Services		$ 31,000
Insulation		$ 5,000	O.H. 1 cwpp motor rewind		$ 4,000
Refractory		$ 5,000	O.H. 1 bfp motor rewind		$ 4,000
2 exp joints(hot		$ 6,000	Safety Valve Testing (hydroset)		$ 500
Sootblowers		$ 5,000	Stack ash disposal		$ 10,000
Svc/Instr compr		$ 5,000	Hill WW tank paint/repair interior (4 @ 10k ea)		$ 40,000
Instr air dryer		$ 3,000	Hill WW tank paint/repair exterior (4 @ 5k ea)		$ 20,000
Generator Rotor Retaining Ring NDT		$ 50,000	H6 gas out duct replacement		$ 30,000
Chemical Cleaning		$ 150,000	Hill 6 control work (per DGiovanni 4/14/04)		$ 150,000
Materials	HGM 257 R06 NE Kklein17	$ 277,500	Contract Svcs	HGM 257 R06 NE Kklein17	$ 318,154
	(201 ee)			(501 ee)	
			HECO ICB:		
Total Direct Cost:	$ 681,882.08		ICB	HGM 257 R06 NE Kklein17	$ -
				(550 ee)	

Shipman 3 Boiler Insp - 2006						Project #	**Kklein18**
Scheduled:	7/24-8/18/06	4 weeks					
Labor:			Jul hrs	Aug hrs	2006	Jul	Aug
Labor Class	Code Block	# EE	48st/8ot	72st/16ot	SLR	Cost	Cost
TCS	HGM 256 S03 NS Kklein18	1	56	88	$ 31.07	$ 1,739.92	$ 2,734.16
BUTC (WFm)	HGM 257 S03 NE Kklein18	3	168	264	$ 35.64	$ 5,987.52	$ 9,408.96
BUTC (welder)	HGM 257 S03 NE Kklein18	2	112	176	$ 35.64	$ 3,991.68	$ 6,272.64
G_MECH	HGM 257 S03 NE Kklein18	5	280	440	$ 37.23	$ 10,424.40	$ 16,381.20
BUTC (WFe)	HGM 260 S03 NE Kklein18	2	112	176	$ 35.64	$ 3,991.68	$ 6,272.64
G_ELEAC	HGM 260 S03 NE Kklein18	3	168	264	$ 33.53	$ 5,633.04	$ 8,851.92
	(150 ee)						
	Subtotal	16	896	1,408		$ 31,768.24	$ 49,921.52
		Total Hrs		2,304			$ 81,689.76

Materials:			**Contract Svs:**		
Supplies (cleaners,rags,etc)			Lighting/fixture repair		$ 1,500
@ $200/day		$ 4,200	Controls replacement		$ 5,000
Parts(valves,packing,piping,etc)			Repair old conduits		$ 4,000
@ $1,800/day		$ 37,800	Repair breakers		$ 2,500
Safety valve		$ 1,500	Temp hire (4 helpers X 40hrs/wk x $16) + ot		$ 9,984
Seals		$ 13,000	Misc rentals (dump truck, etc) @ $270 day		$ 5,670
Duct matl/ ductwork seal		$ 5,000	Furn refractory		$ 5,000
Insulation		$ 5,000	Service water pumps		$ 1,000
Refractory		$ 1,000	MCC (bus & breaker o.h.)		$ 5,000
			O.H. 1 cwpp motor rewind		$ 3,000
			Safety Valve Testing (hydroset)		$ 500
			Vibration survey		$ 1,500
			Side wall tube replacement		$ 10,000
			Replace condensate/drain piping trenches		$ 25,000
Materials	HGM 257 S03 NE Kklein18	$ 67,500	Contract Svcs	HGM 257 S03 NE Kklein18	$ 79,654
	(201 ee)			(501 ee)	
					$ -
Total Direct Cost:	$ 228,843.76				

Shipman 4 Boiler Insp - 2006						Project #	**Kklein19**
Scheduled:	8/21-9/15/06	4 weeks					
Labor:			Aug hrs	Sep hrs	2006	Aug	Sep
Labor Class	Code Block	# EE	112st/16ot	8st/8ot	SLR	Cost	Cost
TCS	HGM 256 S04 NS Kklein19	1	120	24	$ 31.07	$ 3,728.40	$ 745.68
BUTC (WFm)	HGM 257 S04 NE Kklein19	3	360	72	$ 35.64	$ 12,830.40	$ 2,566.08
BUTC (welder)	HGM 257 S04 NE Kklein19	2	240	48	$ 35.64	$ 8,553.60	$ 1,710.72
G_MECH	HGM 257 S04 NE Kklein19	5	600	120	$ 37.23	$ 22,338.00	$ 4,467.60
BUTC (WFe)	HGM 260 S04 NE Kklein19	2	240	48	$ 35.64	$ 8,553.60	$ 1,710.72
G_ELEAC	HGM 260 S04 NE Kklein19	3	360	72	$ 33.53	$ 12,070.80	$ 2,414.16
	(150 ee)						
	Subtotal	16	1,920	384		$ 68,074.80	$ 13,614.96
		Total Hrs		2,304			$ 81,689.76

Materials:			**Contract Svs:**		
Supplies (cleaners,rags,etc)			Lighting/fixture repair		$ 1,500
@ $200/day		$ 4,200	Controls replacement		$ 5,000
Parts(valves,packing,piping,etc)			Repair old conduits		$ 4,000
@ $1,800/day		$ 37,800	Repair breakers		$ 2,500
Safety valve		$ 1,500	Temp hire (4 helpers X 40hrs/wk x $16)+OT		$ 9,984
Seals		$ 13,000	Misc rentals (dump truck, etc) @ $270 day		$ 5,670
Duct matl/ ductwork seal		$ 5,000	Furn refractory		$ 5,000
Insulation		$ 5,000	Service water pumps		$ 1,000
Refractory		$ 1,000	MCC (bus & breaker o.h.)		$ 5,000
			O.H. 1 cwpp motor rewind		$ 3,000
			Safety Valve Testing (hydroset)		$ 500
			Vibration survey		$ 1,500
			Side wall tube replacement		$ 10,000
			Replace condensate/drain piping trenches		$ 25,000
Materials	HGM 257 S04 NE Kklein19	$ 67,500	Contract Svcs	HGM 257 S04 NE Kklein19	$ 79,654
	(201 ee)			(501 ee)	
					$ -
Total Direct Cost:	$ 228,843.76				

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Continuous Emissions Monitoring
Operating Forecast 2006

Proj H046 CEMS Svc.xls
3/18/2005 kklein

Account Description	Code Block (RA/ACT/LOC/IND/PROJ/EE)	2006 Fcst CEMS Costs
Comply Air permit/req - Hill	506220 HGH 875 RST NE H0000046 508	3,340
Comply Air permit/req - Shipman	506210 HGH 875 SST NE H0000046 508	5,410
Comply Air permit/req - D24	549400 HGH 875 D24 NE H0000046 508	1,110
Comply Air permit/req - D25	549410 HGH 875 D25 NE H0000046 508	1,110
Comply Air permit/req - D26	549420 HGH 875 D26 NE H0000046 508	1,110
Comply Air permit/req - D27	549430 HGH 875 D27 NE H0000046 508	1,110
Comply Air permit/req - Puna	506230 HGP 875 P01 NE H0000046 508	3,230
Comply Air permit/req - CT3	549300 HGP 875 P03 NE H0000046 508	34,500
Comply Air permit/req - Keahole	549280 HGK 875 CNS NE H0000046 508	5,810
Comply Air permit/req - CT2	549290 HGK 875 C02 NE H0000046 508	53,540 (A.p 1
Comply Air permit/req - CT4**	549310 HGK 875 C04 NE H0000046 508	6,410
Comply Air permit/req - CT5**	549320 HGK 875 C05 NE H0000046 508	6,410
		123,090

** CT4 & CT5 commercial 6/2004

Fcst estimates based on 2 year average, actual 2004 used for Shipman, CT4 & CT5 units.

CEMS Cost Computation:

	Actual 2003	Actual 2004	average
Hill	6,263	427	3,345
Shipman		5,410	5,410
Disp Gen	8,908	0	4,454
Puna	5,796	663	3,229
Puna CT-3	45,252	23,756	34,504
Keahole EMDs	9,517	2,101	5,809
Keahole CT-2	65,802	41,276	53,539
Keahole CT-4		6,406	6,406
Keahole CT-5		6,406	6,406
Total	141,538	86,445	123,102

Historical Contracts

Proj H046 CEMS Svc.

FY 1997 to 2002 - EPT contract, FY 2003 to 2004 -Atmos by month

Historical:	Keahole	CT2	CT4	CT5	Shipman	Hill	CT3	Disp Gen	Puna	Total	Contract Target	Contract Max
1997	33,306.32	50,323.84					67,314.88			150,945.04	135,752	148,66
1998	36,115.72	36,445.64					69,446.75			142,008.11	125,955	139,62
1999	16,380.04	45,641.69				8,564.74	65,867.94	2,141.45	0.00	138,595.86	165,882	182,38
2000	15,345.45	53,028.42				40,752.23	51,773.94	13,007.36	0.00	173,907.40	169,567	186,04
2001	29,199.83	54,721.00				2,798.21	64,859.04	0.00	16,786.32	168,364.40	w/out CT4	183,59
2002	29,231.44	54,431.87				14,777.36	61,127.35	0.00	17,357.63	176,925.65	w/out CT4	183,59
2003	9,517.14	65,801.55				6,262.72	45,252.02	8,908.34	5,795.94	141,537.71		
2004	2,101.00	41,276.00	6,406.00	6,406.00	5,410.00	427.00	23,756.00		663.00	86,445.00		
average	21,399.62	50,208.75	6,406.00	6,406.00	5,410.00	16,723.14	56,174.74	4,811.43	6,767.15	174,306.82		

D HG0 Generation PR H0000046 CEMS CC E500 Outside Svcs

		YearTotal 1999_Actual	YearTotal 2000_Actual	YearTotal 2001_Actual	YearTotal 2002_Actual	YearTotal 2003_Actual	YearTotal 2004_Actual
AC 875 Compl	LO C02 CT 2 Kea	50,347.78	59,206.60	42,498.20	51,609.00	54,453	43,837
	LO C04 CT 4 Kea	n/a	n/a	n/a	3,884.00	(3,884)	6,406
	LO C05 CT 5 Kea	n/a	n/a	n/a	n/a	n/a	6,406
	LO CNS KeahlNSt	19,752.36	18,860.68	16,684.42	26,234.00	12,515	2,101
	LO D24 #24 DisGen	651.49	995.63	2,140.09	1,558.50	669	0
	LO D25 #25 DisGen	651.48	995.63	2,140.09	1,558.50	669	0
	LO D26 #26 DisGen	651.49	995.62	2,140.09	1,558.50	669	0
	LO D27 #27 DisGen	651.49	995.62	2,140.09	1,558.50	669	0
	LO P01 Puna 1 Stm	0.00	3,469.00	13,317.32	18,126.00	4,489	663
	LO P03 CT 3 Puna	74,154.01	73,099.93	33,635.62	61,609.00	41,584	23,756
	LO RST Hill Steam	8,252.05	10,909.00	32,641.44	19,783.00	(4,466)	427
	LO SST Shipman St	n/a	n/a	n/a	n/a	5,005	5,410
Recorded in Ellipse		155,112.15	169,527.71	147,337.36	187,479.00	112,372.00	89,006.00
Adjustments	1/2000	(16,516.29)	16,516.29				
	1/2001		(12,136.60)	12,136.60			
	1/2002			8,890.44			
	1/2003				(11,205.86)	11,205.86	
	1/2004(dec inv pd in 2004)					17,963.25	
	1/2004(dec inv pd in 2005) ct2						(2,560.62)
Adjusted Amounts by Year		138,595.86	173,907.40	168,364.40	176,273.14	141,541.11	86,445.38

03/29/05 16:13 FAX 808 543 7519 WARD 3RD FLOOR FAX

INTERCOMPANY SERVICE FORM

COPY

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [x] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/2/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: HELCO
Department/Division: Production Department
Contact Person's Name: Karie Klein, Fiscal Administrator
Contact Person's Phone No & Mail Stop: 808-969-0419, HHL-GA
Contact Person's RA: HGA

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)	
various	various	various	various	H0000043	various	

Request Approved by: Dan Giovanni, Manager, HELCO Production Department

SCOPE OF SERVICE OR WORK (See Instructions):

HECO will provide environmental services, including but not limited to Air, Wastewater, Noise Compliance, etc, for all HELCO plant locations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
Manage Environmental Permitting & Compliance

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description
HGA	001	Intercompany Charges - Environmental

2) Provider Information:

Company Name: Hawaiian Electric Company, Inc.
Department/Division: Environmental Dept / All Divisions
Contact Person's Name: Bert Morikuni
Contact Person's Phone No & Mail Stop: (808) 543-7549 / WA3-YA
Contact Person's RA: PYA

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
various	various	various	various	various	

Approved By: Bert Y. Morikuni

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - Please attach details):

	TOTAL YEAR 2006	TOTAL YEAR 2007
Labor	$246,000	$246,000
Overheads	$123,200	$123,200
Non-Labor	$51,600	$51,600
Total Costs	$420,800	$420,800
Labor Hours	7,171	7,171

1A, P1

Per Bert on 4/12/05, use the same allocation as PY.

3) Receiver Information (To be completed after estimates are received):

Date received:
Estimate Accepted and Approved by:

Env-Helco-Production

Environmental Services for Helco Production			
		Standard	
Labor	Labor	Labor	
Resp. Area	Hours	Rate	
JA	6	$54.59	$327.54
JA	310	$33.62	$10,422.20
JB	2,634	$37.36	$98,406.24
JC	2,000	$31.07	$62,140.00
JW	2,221	$33.62	$74,670.02
	7,171		$245,966.00
Overheads		Overhead	
		Rate	
Payroll Taxes		8.42%	$20,710.34
Employee Benefits		$7.88/hr	$56,507.48
Non-Productive Wages		$3.85/hr	$27,608.35
Corp Admin		$2.57/hr	$18,429.47
			$123,255.64
Non-Labor			
Interisland Travel + Parking			$17,760.00
Materials			$18,450.00
Outside Services			$600.00
Outside Services-Environmental			$13,800.00
Meals & Entertainment			$970.00
Non-Labor Total			$51,580.00
Total Costs			$420,801.64

Revised

Post-it® Fax Note 7671	Date 3/29/05 # of pages ▶ 3
To Karie Klein	From Bart Morikuni
Co./Dept.	Co.
Phone #	Phone #
Fax # 969-0425	Fax #

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Hawaii Electric Light Company, Inc.													
2	Rate Case 2006 - Other Production O&M													
3	Non Projects - Non-Labor > $50,000													
4														
5														
6														
7	Dept	RA	Resp Area	NARUC	Proj	Act	Loc	Ind	EE	FY06	Description/Line Item	Basis for Budget	Comments	Ref to HELCO-WP 101(G) Page 8
8	Production	HGA	Admin - Production	506220	NHGZZZZZ	220	RST	NE	550	$ 107,862	Heco - Gen Planning	From vendor quotes or historical cost.	Reference CA-IR 2, Attachment 3G, Page 1 of 2.	685
9	Production	HGA	Admin - Production	557	NHGZZZZZ	122	HEL	NE	502	$ 59,625	PPA Administration	Estimated based on past legal costs.	Reference CA-IR 2, Attachment 2E, Page 1&3 of 3.	709
10	Energy Services	HEA	Admin - Energy Services	554440	NHGZZZZZ	212	D28	NE	201	$ 132,644	Maint of DG Unit - Outside Services-General	Estimated based on other similar expenditures.	Adjusted to 60, unit will not be installed in 2006. Reference T-5, page 52, line 18.	743
11	Production	HGX	CT&D Hilo Maint	553260	NHGZZZZZ	276	ANS	NE	201	$ 201,920	Maint Int Combust Eng & Rel Eq-Pred	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 7&21 of 24.	734
12	Production	HGX	CT&D Hilo Maint	553260	NHGZZZZZ	277	ANS	NE	501	$ 111,290	Maint Int Combust Eng & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 8&28 of 31.	734
13	Production	HGX	CT&D Hilo Maint	553260	NHGZZZZZ	266	ANS	NE	201	$ 107,380	Maint St Common Misc Equip-Prev	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 7&20 of 24.	734
14	Production	HGX	CT&D Hilo Maint	553250	NHGZZZZZ	266	BNS	NE	201	$ 96,850	Maint St Common Misc Equip-Prev	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 7&20 of 24.	732
15	Production	HGX	CT&D Hilo Maint	553300	NHGZZZZZ	274	P03	NE	201	$ 74,810	Maint Combust Turbine & Elec Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 7&21 of 24.	739
16	Production	HGH	Hill Oper	506220	NHGZZZZZ	875	RST	NE	508	$ 195,652	Comply Ongoing Permit/Reg Reqs-Air	Estimated based on forecasted annual net MWH multiplied by emissions rate.	Reference CA-IR 2, Attachment 2F, Page 1&5 of 7.	687
17	Production	HGH	Hill Oper	502220	NHGZZZZZ	248	RST	NE	201	$ 68,330	Boiler Chemicals	Estimated based on forecasted annual net MWH multiplied by average rate charged by supplier.	Reference CA-IR 2, Attachment 2A, Page 1&22 of 24.	682
18	Production	HGK	Keahole Maint	548280	NHGZZZZZ	244	CNS	NE	201	$ 139,950	Op & Mon Pit Eq (Make Rounds)-NonSt/Oth	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 2&12 of 24.	695
19	Production	HGK	Keahole Maint	552280	NHGZZZZZ	263	CNS	NE	501	$ 66,000	Maint Stn Common Struct & Sys-Prev	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 2&15 of 31.	729
20	Production	HGK	Keahole Maint	553280	NHGZZZZZ	266	CNS	NE	201	$ 65,250	Maint St Common Misc Equip-Prev	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 2&12 of 24.	735
21	Production	HGK	Keahole Maint	553280	NHGZZZZZ	266	CNS	NE	501	$ 50,000	Maint St Common Misc Equip-Prev	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 2&16 of 31.	735
22	Production	HLA	Lalamilo	553500	NHLZZZZZ	276	F01	NE	501	$ 54,500	Prev Maint - PECS labor	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2H, Page 1 of 2.	743
23	Production	HLA	Lalamilo	553500	NHLZZZZZ	279	F01	NE	501	$ 54,500	Pred Maint - PECS labor	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2H, Page 1 of 2.	743
24	Production	HLA	Lalamilo	553500	NHLZZZZZ	280	F01	NE	501	$ 54,500	Corr Maint - PECS labor	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2H, Page 1 of 2.	743
25	Production	HLA	Lalamilo	553500	NHLZZZZZ	280	F01	NE	201	$ 52,300	Corrective maint materials	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2H, Page 1 of 2.	743
26	President	H9P	President's Office	557	NHGZZZZZ	122	HEL	NE	502	$ 250,000	Eval & Negotiate New Contracts - Outside Svcs Legal	Estimated based on past legal costs.	Reference CA-IR 2, Attachment 2I, Page 2 of 17.	708
27	President	H9P	President's Office	557	NHGZZZZZ	122	HEL	NE	550	$ 136,895	Eval & Negotiate New Contracts - Intercompany Charges	From vendor quotes or historical cost.	Reference CA-IR 2, Attachment 2I, Page 2 of 17.	708
28	Production	HGP	Puna Oper	506230	NHGZZZZZ	875	P01	NE	508	$ 75,707	Comply Ongoing Permit/Reg Reqs-Air	Estimated based on forecasted annual net MWH multiplied by emissions rate.	Reference CA-IR 2, Attachment 2F, Page 2&6 of 7.	690
29	Production	HGP	Puna Oper	502230	NHGZZZZZ	248	P01	NE	201	$ 66,320	Perf Water Treatment & Analysis(Purific)	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 6&18 of 24.	683
30	Production	HGP	Puna Oper	502230	NHGZZZZZ	248	P01	NE	201	$ 66,230	Boiler Chemicals	Estimated based on forecasted annual net MWH multiplied by average rate charged by supplier.	Reference CA-IR 2, Attachment 2A, Page 6,19&22 of 24.	683
31	Production	HGW	Shipman Oper	502210	NHGZZZZZ	242	SST	NE	501	$ 141,870	Op & Mon Pit Eq (Make Rounds)-Boiler Rel	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 7&26 of 31. Ignitor fuel for Shipman Plant reclassified to Fuel Expense, see T-4.	680
32	Production	HGM	Steam & Hydro Maint	512230	NHGZZZZZ	259	P01	NE	501	$ 170,130	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	718
33	Production	HGM	Steam & Hydro Maint	512210	NHGZZZZZ	259	SST	NE	501	$ 119,260	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	715

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Hawaii Electric Light Company, Inc.													
2	Rate Case 2006 - Other Production O&M													
3	Non Projects - Non-Labor > $50,000													
4														
5														
6														
7	Dept	RA	Resp Area	NARUC	Proj	Act	Loc	Ind	EE	FY06	Description/Line Item	Basis for Budget	Comments	Ref to HELCO-WP 101(G) Page #
34	Production	HGM	Steam & Hydro Maint	511210	NHGZZZZZ	265	SST	NE	501	$ 114,950	Maint Stn Common Struct & Sys-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 5&20 of 31.	711
35	Production	HGM	Steam & Hydro Maint	513210	NHGZZZZZ	262	SST	NE	501	$ 92,390	Maint Steam TurboGen & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	719
36	Production	HGM	Steam & Hydro Maint	512220	NHGZZZZZ	259	R06	NE	201	$ 77,260	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 4&15 of 24.	717
37	Production	HGM	Steam & Hydro Maint	512220	NHGZZZZZ	259	R05	NE	201	$ 76,580	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures	Reference CA-IR 2, Attachment 2A, Page 4&15 of 24.	716
38	Production	HGM	Steam & Hydro Maint	512220	NHGZZZZZ	259	R05	NE	501	$ 78,450	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	716
39	Production	HGM	Steam & Hydro Maint	513210	NHGZZZZZ	261	S03	NE	501	$ 72,780	Maint Steam TurboGen & Rel Eq-Pred	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	719
40	Production	HGM	Steam & Hydro Maint	512230	NHGZZZZZ	259	P01	NE	201	$ 65,330	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 4&15 of 24.	718
41	Production	HGM	Steam & Hydro Maint	512220	NHGZZZZZ	259	R06	NE	501	$ 64,880	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	717
42	Production	HGM	Steam & Hydro Maint	513210	NHGZZZZZ	261	S04	NE	501	$ 63,150	Maint Steam TurboGen & Rel Eq-Pred	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	719
43	Production	HGM	Steam & Hydro Maint	512210	NHGZZZZZ	259	S03	NE	201	$ 62,400	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 4&15 of 24.	714
44	Production	HGM	Steam & Hydro Maint	513220	NHGZZZZZ	262	R05	NE	501	$ 62,390	Maint Steam TurboGen & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&19 of 31.	720
45	Production	HGM	Steam & Hydro Maint	512210	NHGZZZZZ	259	S04	NE	501	$ 57,790	Maint Boiler Pit & Rel Eq-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&18 of 31.	715
46	Production	HGM	Steam & Hydro Maint	514220	NHGZZZZZ	789	HPM	NE	501	$ 57,000	Attend Training	Estimated based on planned training programs scheduled to occur during the year.	Reference CA-IR 2, Attachment 2D, Page 6&31 of 31.	722
47	Production	HGM	Steam & Hydro Maint	514210	NHGZZZZZ	268	SST	NE	501	$ 54,350	Maint St Common Misc Equip-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 5&20 of 31.	721
48	Production	HGM	Steam & Hydro Maint	511230	NHGZZZZZ	265	P01	NE	501	$ 51,880	Maint Stn Common Struct & Sys-Corr	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2D, Page 4&20 of 31.	713
49	Engineering	HWA	Admin - Engineering	514220	NHGZZZZZ	211	RST	NE	550	$ 117,800	Engineer, Design & Mng Projects, Interco Charges	From vendor quotes or historical cost.	Reference HELCO T-14.	722
50	Production	HGX	CT&D Hilo Maint	553270	NHGZZZZZ	272	A01	NE	201	$ 64,870	Maint Comb Turb Equip-Prev, Materials	Estimated based on recent years expenditures.	Reference CA-IR 2, Attachment 2A, Page 7&20 of 24.	735
51	Production	HGK	Keahole Maint	553280	NHGZZZZZ	268	CNS	NE	301	$ 58,527	Maint Stn Common Misc Equip-Corr, Vehicles	Estimated based on available hours of use in 2006 multiplied by number of vehicles in Production Fleet.	Reference CA-IR 2, Attachment 2J.	736
52	Production	HGK	Keahole Maint	553310	NHGZZZZZ	272	C04	NE	501	$ 80,182	Maint Comb Turb Equip-Prev, Outside Services General	Estimated based on expected expenditures in 2006.	Reference CA-IR 2, Attachment 2D, Page 2&16 of 31.	739

CA-IR-2
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 2
PAGE 2 OF 2

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Engr, Design & Manage Pro	HGA	211	ANS	NE	NHGZZZZZ	201	[illegible]110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	[illegible]110
Develop & Maintain Policies	HGA	240	ANS	NE	NHGZZZZZ	201	[illegible]100	No Escalation	92	92	92	92	92	92	92	92	92	92	92	88	[illegible]100
Op & Mon Plt Eq (Make Rou	HGA	242	RST	NS	NHGZZZZZ	201	[illegible]170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	[illegible]170
Op & Mon Plt Eq (Make Rou	HGA	244	A01	NE	NHGZZZZZ	201	[illegible]220	No Escalation	18	18	18	18	18	18	18	18	18	18	18	22	[illegible]220
Mon Plt/Oprnl Performance	HGA	245	RST	NE	NHGZZZZZ	201	[illegible]440	No Escalation	37	37	37	37	37	37	37	37	37	37	37	33	[illegible]440
Comply Ongoing Permit/Re	HGA	875	RST	NE	NHGZZZZZ	201	[illegible]160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	[illegible]160
Comply Ongoing-Wastewat	HGA	876	RST	NE	NHGZZZZZ	201	[illegible]280	No Escalation	23	23	23	23	23	23	23	23	23	23	23	27	[illegible]280
Comply Ongoing-Solid & Ha	HGA	877	RST	NE	NHGZZZZZ	201	[illegible]280	No Escalation	23	23	23	23	23	23	23	23	23	23	23	27	[illegible]280
Comply Ongoing-Solid & Ha	HGA	878	RST	NE	NHGZZZZZ	201	[illegible]350	No Escalation	29	29	29	29	29	29	29	29	29	29	29	31	[illegible]350
							[illegible]110	No Escalation	259	259	259	259	259	259	259	259	259	259	259	261	[illegible]110
Op & Mon Plt Eq (Make Rou	HGG	244	C04	NE	NHGZZZZZ	201	[illegible]390	No Escalation	616	616	616	616	616	616	616	616	616	616	616	614	[illegible]390
Op & Mon Plt Eq (Make Rou	HGG	244	C05	NE	NHGZZZZZ	201	[illegible]180	No Escalation	515	515	515	515	515	515	515	515	515	515	515	515	[illegible]180
Op & Mon Plt Eq (Make Rou	HGG	244	C21	NE	NHGZZZZZ	201	[illegible]960	No Escalation	80	80	80	80	80	80	80	80	80	80	80	80	[illegible]960
Op & Mon Plt Eq (Make Rou	HGG	244	CNS	NE	NHGZZZZZ	201	[illegible]500	No Escalation	208	208	208	208	208	208	208	208	208	208	208	212	[illegible]500
Perf Water Treatment & Ana	HGG	248	C04	NE	NHGZZZZZ	201	[illegible]300	No Escalation	275	275	275	275	275	275	275	275	275	275	275	275	[illegible]300
Perf Water Treatment & Ana	HGG	248	C05	NE	NHGZZZZZ	201	[illegible]300	No Escalation	275	275	275	275	275	275	275	275	275	275	275	275	[illegible]300
Comply Ongoing Permit/Re	HGG	875	CNS	NE	NHGZZZZZ	201	[illegible]650	No Escalation	304	304	304	304	304	304	304	304	304	304	304	306	[illegible]650
							[illegible]280	No Escalation	2,273	2,273	2,273	2,273	2,273	2,273	2,273	2,273	2,273	2,273	2,273	2,277	[illegible]280
Manage Fuel Supply Procur	HGH	220	RST	NE	NHGZZZZZ	201	[illegible]070	No Escalation	339	339	339	339	339	339	339	339	339	339	339	341	[illegible]070
Mnge Procurmt of Fuel Tms	HGH	222	RST	NS	NHGZZZZZ	201	[illegible]710	No Escalation	59	59	59	59	59	59	59	59	59	59	59	61	[illegible]710
Operate & Monitor Fuel Fee	HGH	241	RST	NE	NHGZZZZZ	201	[illegible]940	No Escalation	78	78	78	78	78	78	78	78	78	78	78	82	[illegible]940
Op & Mon Plt Eq (Make Rou	HGH	242	R05	NE	NHGZZZZZ	201	[illegible]550	No Escalation	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,381	[illegible]550
Op & Mon Plt Eq (Make Rou	HGH	242	R06	NE	NHGZZZZZ	201	[illegible]290	No Escalation	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,026	[illegible]290
Op & Mon Plt Eq (Make Rou	HGH	242	RST	NE	NHGZZZZZ	201	[illegible]600	No Escalation	300	300	300	300	300	300	300	300	300	300	300	300	[illegible]600
Blr Chem	HGH	242	RST	NE	NHGZZZZZ	201	[illegible]090	No Escalation	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,426	[illegible]090
Op & Mon Plt Eq (Make Rou	HGH	244	A01	NE	NHGZZZZZ	201	[illegible]230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	[illegible]230
Op & Mon Plt Eq (Make Rou	HGH	244	ANS	NE	NHGZZZZZ	201	[illegible]610	No Escalation	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,218	1,212	[illegible]610
Lube Oil	HGH	244	ANS	NE	NHGZZZZZ	201	[illegible]950	No Escalation	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,407	[illegible]950
Perf Water Treatment & Ana	HGH	248	R05	NE	NHGZZZZZ	201	[illegible]980	No Escalation	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,493	[illegible]960
Perf Water Treatment & Ana	HGH	248	R06	NE	NHGZZZZZ	201	[illegible]140	No Escalation	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,432	[illegible]140
Blr Chem	HGH	248	RST	NE	NHGZZZZZ	201	[illegible]330	No Escalation	5,694	5,694	5,694	5,694	5,694	5,694	5,694	5,694	5,694	5,694	5,694	5,696	[illegible]330

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NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Boiler Plt & Rel Eq-Co	HGH	259	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	533	533	533	533	533	533	533	533	533	533	533	527	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGH	259	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	393	393	393	393	393	393	393	393	393	393	393	387	[redacted]
Maint Steam TurboGen & R	HGH	262	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	41	41	41	41	41	41	41	41	41	41	41	39	[redacted]
Maint Stn Common Struct &	HGH	265	ANS	NE	NHGZZZZZ	201	[redacted]	No Escalation	28	28	28	28	28	28	28	28	28	28	28	32	[redacted]
Maint Stn Common Struct &	HGH	265	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	519	519	519	519	519	519	519	519	519	519	519	521	[redacted]
Maint Int Combust Eng & Re	HGH	277	A11	NE	NHGZZZZZ	201	[redacted]	No Escalation	23	23	23	23	23	23	23	23	23	23	23	17	[redacted]
Schedule Generation Resou	HGH	375	AOC	NE	NHGZZZZZ	201	[redacted]	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	[redacted]
Comply Ongoing-Wastewat	HGH	876	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	29	29	29	29	29	29	29	29	29	29	29	31	[redacted]
Comply Ongoing-Wastewat	HGH	876	SST	NS	NHGZZZZZ	201	[redacted]	No Escalation	10	10	10	10	10	10	10	10	10	10	10	10	[redacted]
Comply Ongoing-Solid & Ha	HGH	877	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	33	33	33	33	33	33	33	33	33	33	33	37	[redacted]
	[redacted]						[redacted]	No Escalation	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	[redacted]
	[redacted]						[redacted]														[redacted]
Op & Mon Plt Eq (Make Rou	HGK	244	BNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,038	2,032	[redacted]
Lube Oil	HGK	244	BNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	1,783	1,783	1,783	1,783	1,783	1,783	1,783	1,783	1,783	1,783	1,783	1,777	[redacted]
Op & Mon Plt Eq (Make Rou	HGK	244	C02	NE	NHGZZZZZ	201	[redacted]	No Escalation	770	770	770	770	770	770	770	770	770	770	770	770	[redacted]
Op & Mon Plt Eq (Make Rou	HGK	244	C04	NE	NHGZZZZZ	201	[redacted]	No Escalation	863	863	863	863	863	863	863	863	863	863	863	867	[redacted]
Op & Mon Plt Eq (Make Rou	HGK	244	C05	NE	NHGZZZZZ	201	[redacted]	No Escalation	523	523	523	523	523	523	523	523	523	523	523	517	[redacted]
Op & Mon Plt Eq (Make Rou	HGK	244	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,657	[redacted]
Lube Oil	HGK	244	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	[redacted]
Mon Plt/Opml Perform-Non	HGK	247	C02	NE	NHGZZZZZ	201	[redacted]	No Escalation	25	25	25	25	25	25	25	25	25	25	25	25	[redacted]
Mon Plt/Opml Perform-Non	HGK	247	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	40	40	40	40	40	40	40	40	40	40	40	40	[redacted]
Perf Water Treatment & Ana	HGK	248	C02	NE	NHGZZZZZ	201	[redacted]	No Escalation	101	101	101	101	101	101	101	101	101	101	101	99	[redacted]
Perf Water Treatment & Ana	HGK	248	C04	NE	NHGZZZZZ	201	[redacted]	No Escalation	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	[redacted]
Perf Water Treatment & Ana	HGK	248	C05	NE	NHGZZZZZ	201	[redacted]	No Escalation	688	688	688	688	688	688	688	688	688	688	688	692	[redacted]
Perf Water Treatment & Ana	HGK	248	C02	NE	NHGZZZZZ	201	[redacted]	No Escalation	994	994	994	994	994	994	994	994	994	994	994	996	[redacted]
Perf Water Treatment & Ana	HGK	248	C04	NE	NHGZZZZZ	201	[redacted]	No Escalation	142	142	142	142	142	142	142	142	142	142	142	138	[redacted]
Perf Water Treatment & Ana	HGK	248	C05	NE	NHGZZZZZ	201	[redacted]	No Escalation	138	138	138	138	138	138	138	138	138	138	138	132	[redacted]
Perf Water Treatment & Ana	HGK	248	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	112	112	112	112	112	112	112	112	112	112	112	108	[redacted]
Maint Stn Common Struct &	HGK	263	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	251	251	251	251	251	251	251	251	251	251	251	249	[redacted]
Maint Stn Common Struct &	HGK	263	CWW	NE	NHGZZZZZ	201	[redacted]	No Escalation	16	16	16	16	16	16	16	16	16	16	16	14	[redacted]
Maint Stn Common Struct &	HGK	264	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	427	427	427	427	427	427	427	427	427	427	427	423	[redacted]
Maint Stn Common Struct &	HGK	264	CWT	NE	NHGZZZZZ	201	[redacted]	No Escalation	143	143	143	143	143	143	143	143	143	143	143	137	[redacted]
Maint Stn Common Struct &	HGK	265	C02	NE	NHGZZZZZ	201	[redacted]	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	[redacted]
Maint Stn Common Struct &	HGK	265	CNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	409	409	409	409	409	409	409	409	409	409	409	411	[redacted]
Maint Stn Common Struct &	HGK	265	CWT	NE	NHGZZZZZ	201	[redacted]	No Escalation	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,857	[redacted]
Maint Stn Common Struct &	HGK	265	CWW	NE	NHGZZZZZ	201	[redacted]	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	[redacted]

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NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint St Common Misc Equ	HGK	266	CNS	NE	NHGZZZZZ	201	65250	No Escalation	5,438	5,438	5,438	5,438	5,438	5,438	5,438	5,438	5,438	5,438	5,438	5,432	65,250
Maint St Common Misc Equ	HGK	268	CNS	NE	NHGZZZZZ	201	1230	No Escalation	103	103	103	103	103	103	103	103	103	103	103	97	1,230
Maint St Common Misc Equ	HGK	268	CWT	NE	NHGZZZZZ	201	1760	No Escalation	147	147	147	147	147	147	147	147	147	147	147	143	1,760
Maint Fuel Feed System-Pr	HGK	269	C21	NE	NHGZZZZZ	201	6520	No Escalation	543	543	543	543	543	543	543	543	543	543	543	547	6,520
Maint Fuel Feed System-Pr	HGK	269	CNS	NE	NHGZZZZZ	201	1650	No Escalation	138	138	138	138	138	138	138	138	138	138	138	132	1,650
Maint Fuel Feed System-Co	HGK	271	C02	NE	NHGZZZZZ	201	320	No Escalation	27	27	27	27	27	27	27	27	27	27	27	23	320
Maint Fuel Feed System-Co	HGK	271	C18	NE	NHGZZZZZ	201	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Combust Turbine & E	HGK	272	C02	NE	NHGZZZZZ	201	1930	No Escalation	161	161	161	161	161	161	161	161	161	161	161	159	1,930
Maint Combust Turbine & E	HGK	272	C04	NE	NHGZZZZZ	201	570	No Escalation	48	48	48	48	48	48	48	48	48	48	48	42	570
Maint Combust Turbine & E	HGK	272	C05	NE	NHGZZZZZ	201	570	No Escalation	48	48	48	48	48	48	48	48	48	48	48	42	570
Maint Combust Turbine & E	HGK	273	C02	NE	NHGZZZZZ	201	690	No Escalation	58	58	58	58	58	58	58	58	58	58	58	52	690
Maint Combust Turbine & E	HGK	274	C02	NE	NHGZZZZZ	201	18200	No Escalation	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,513	18,200
Maint Combust Turbine & E	HGK	274	C04	NE	NHGZZZZZ	201	2990	No Escalation	249	249	249	249	249	249	249	249	249	249	249	251	2,990
Maint Combust Turbine & E	HGK	274	C05	NE	NHGZZZZZ	201	120	No Escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Maint Int Combust Eng & Re	HGK	275	B12	NE	NHGZZZZZ	201	2120	No Escalation	177	177	177	177	177	177	177	177	177	177	177	173	2,120
Maint Int Combust Eng & Re	HGK	275	C19	NE	NHGZZZZZ	201	2220	No Escalation	185	185	185	185	185	185	185	185	185	185	185	185	2,220
Maint Int Combust Eng & Re	HGK	275	C22	NE	NHGZZZZZ	201	1440	No Escalation	120	120	120	120	120	120	120	120	120	120	120	120	1,440
Maint Int Combust Eng & Re	HGK	275	D25	NE	NHGZZZZZ	201	720	No Escalation	60	60	60	60	60	60	60	60	60	60	60	60	720
Maint Int Combust Eng & Re	HGK	276	C18	NE	NHGZZZZZ	201	440	No Escalation	37	37	37	37	37	37	37	37	37	37	37	33	440
Maint Int Combust Eng & Re	HGK	276	C21	NE	NHGZZZZZ	201	880	No Escalation	73	73	73	73	73	73	73	73	73	73	73	77	880
Maint Int Combust Eng & Re	HGK	276	C22	NE	NHGZZZZZ	201	1300	No Escalation	108	108	108	108	108	108	108	108	108	108	108	112	1,300
Maint Int Combust Eng & Re	HGK	276	C23	NE	NHGZZZZZ	201	3300	No Escalation	275	275	275	275	275	275	275	275	275	275	275	275	3,300
Maint Int Combust Eng & Re	HGK	277	C18	NE	NHGZZZZZ	201	1600	No Escalation	133	133	133	133	133	133	133	133	133	133	133	137	1,600
Maint Int Combust Eng & Re	HGK	277	C19	NE	NHGZZZZZ	201	18340	No Escalation	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,528	1,532	18,340
Maint Int Combust Eng & Re	HGK	277	C20	NE	NHGZZZZZ	201	9060	No Escalation	755	755	755	755	755	755	755	755	755	755	755	755	9,060
Maint Int Combust Eng & Re	HGK	277	C21	NE	NHGZZZZZ	201	2680	No Escalation	223	223	223	223	223	223	223	223	223	223	223	227	2,680
Maint Int Combust Eng & Re	HGK	277	C22	NE	NHGZZZZZ	201	12970	No Escalation	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,079	12,970
Maint Int Combust Eng & Re	HGK	277	C23	NE	NHGZZZZZ	201	20950	No Escalation	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,744	20,950
Maint Int Combust Eng & Re	HGK	277	CNS	NE	NHGZZZZZ	201	1320	No Escalation	110	110	110	110	110	110	110	110	110	110	110	110	1,320
Maint Int Combust Eng & Re	HGK	277	D25	NE	NHGZZZZZ	201	310	No Escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Maint Int Combust Eng & Re	HGK	277	D26	NE	NHGZZZZZ	201	360	No Escalation	30	30	30	30	30	30	30	30	30	30	30	30	360
Maint Int Combust Eng & Re	HGK	277	D27	NE	NHGZZZZZ	201	320	No Escalation	27	27	27	27	27	27	27	27	27	27	27	23	320
Comply Ongoing Permit/Re	HGK	875	C02	NE	NHGZZZZZ	201	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Comply Ongoing Permit/Re	HGK	875	CNS	NE	NHGZZZZZ	201	8700	No Escalation	725	725	725	725	725	725	725	725	725	725	725	725	8,700
							508420	No Escalation	42,368	42,368	42,368	42,368	42,368	42,368	42,368	42,368	42,368	42,368	42,368	42,372	508,420

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Op & Mon Plt Eq (Make Rou	HGM	244	A01	NE	NHGZZZZZ	201	[redacted]	No Escalation	25	25	25	25	25	25	25	25	25	25	25	25	[redacted]
Mon Plt/Oprnl Performance-	HGM	245	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	23	23	23	23	23	23	23	23	23	23	23	17	[redacted]
Mon Plt/Oprnl Performance-	HGM	246	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	21	21	21	21	21	21	21	21	21	21	21	19	[redacted]
Mon Plt/Oprnl Perform-Non	HGM	247	P03	NE	NHGZZZZZ	201	[redacted]	No Escalation	83	83	83	83	83	83	83	83	83	83	83	77	[redacted]
Mon Plt/Oprnl Perform-Non	HGM	247	PT2	NE	NHGZZZZZ	201	[redacted]	No Escalation	743	743	743	743	743	743	743	743	743	743	743	737	[redacted]
Perf Water Treatment & Ana	HGM	248	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	39	39	39	39	39	39	39	39	39	39	39	41	[redacted]
Plan/Schedule Maintenance	HGM	256	P03	NS	NHGZZZZZ	201	[redacted]	No Escalation	48	48	48	48	48	48	48	48	48	48	48	52	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	P01	NE	NHGZZZZZ	201	[redacted]	No Escalation	218	218	218	218	218	218	218	218	218	218	218	212	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	41	41	41	41	41	41	41	41	41	41	41	39	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	230	230	230	230	230	230	230	230	230	230	230	230	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	S03	NE	NHGZZZZZ	201	[redacted]	No Escalation	72	72	72	72	72	72	72	72	72	72	72	68	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	S04	NE	NHGZZZZZ	201	[redacted]	No Escalation	21	21	21	21	21	21	21	21	21	21	21	19	[redacted]
Maint Boiler Plt & Rel Eq-Pr	HGM	257	SST	NE	NHGZZZZZ	201	[redacted]	No Escalation	417	417	417	417	417	417	417	417	417	417	417	413	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	P01	NE	NHGZZZZZ	201	[redacted]	No Escalation	5,444	5,444	5,444	5,444	5,444	5,444	5,444	5,444	5,444	5,444	5,444	5,446	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,378	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	6,438	6,438	6,438	6,438	6,438	6,438	6,438	6,438	6,438	6,438	6,438	6,442	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	S01	NE	NHGZZZZZ	201	[redacted]	No Escalation	53	53	53	53	53	53	53	53	53	53	53	57	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	S03	NE	NHGZZZZZ	201	[redacted]	No Escalation	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,200	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	S04	NE	NHGZZZZZ	201	[redacted]	No Escalation	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,826	[redacted]
Maint Boiler Plt & Rel Eq-Co	HGM	259	SST	NE	NHGZZZZZ	201	[redacted]	No Escalation	501	501	501	501	501	501	501	501	501	501	501	499	[redacted]
Maint Steam TurboGen & R	HGM	260	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	[redacted]
Maint Steam TurboGen & R	HGM	260	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	33	33	33	33	33	33	33	33	33	33	33	37	[redacted]
Maint Steam TurboGen & R	HGM	261	S03	NE	NHGZZZZZ	201	[redacted]	No Escalation	990	990	990	990	990	990	990	990	990	990	990	990	[redacted]
Maint Steam TurboGen & R	HGM	261	S04	NE	NHGZZZZZ	201	[redacted]	No Escalation	953	953	953	953	953	953	953	953	953	953	953	947	[redacted]
Maint Steam TurboGen & R	HGM	262	P01	NE	NHGZZZZZ	201	[redacted]	No Escalation	688	688	688	688	688	688	688	688	688	688	688	682	[redacted]
Maint Steam TurboGen & R	HGM	262	R05	NE	NHGZZZZZ	201	[redacted]	No Escalation	535	535	535	535	535	535	535	535	535	535	535	535	[redacted]
Maint Steam TurboGen & R	HGM	262	R06	NE	NHGZZZZZ	201	[redacted]	No Escalation	348	348	348	348	348	348	348	348	348	348	348	352	[redacted]
Maint Steam TurboGen & R	HGM	262	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	[redacted]
Maint Steam TurboGen & R	HGM	262	S03	NE	NHGZZZZZ	201	[redacted]	No Escalation	281	281	281	281	281	281	281	281	281	281	281	279	[redacted]
Maint Steam TurboGen & R	HGM	262	S04	NE	NHGZZZZZ	201	[redacted]	No Escalation	93	93	93	93	93	93	93	93	93	93	93	87	[redacted]
Maint Steam TurboGen & R	HGM	262	SST	NE	NHGZZZZZ	201	[redacted]	No Escalation	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,142	[redacted]
Maint Stn Common Struct &	HGM	263	ANS	NE	NHGZZZZZ	201	[redacted]	No Escalation	927	927	927	927	927	927	927	927	927	927	927	923	[redacted]
Maint Stn Common Struct &	HGM	263	BNS	NE	NHGZZZZZ	201	[redacted]	No Escalation	31	31	31	31	31	31	31	31	31	31	31	29	[redacted]
Maint Stn Common Struct &	HGM	263	P03	NE	NHGZZZZZ	201	[redacted]	No Escalation	29	29	29	29	29	29	29	29	29	29	29	31	[redacted]
Maint Stn Common Struct &	HGM	263	RST	NE	NHGZZZZZ	201	[redacted]	No Escalation	121	121	121	121	121	121	121	121	121	121	121	119	[redacted]
Maint Stn Common Struct &	HGM	264	ANS	NE	NHGZZZZZ	201	[redacted]	No Escalation	167	167	167	167	167	167	167	167	167	167	167	163	[redacted]

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NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) ____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Stn Common Struct &	HGM	264	BNS	NE	NHGZZZZZ	201	8080	No Escalation	257	257	257	257	257	257	257	257	257	257	257	253	3,080
Maint Stn Common Struct &	HGM	265	ANS	NE	NHGZZZZZ	201	440	No Escalation	37	37	37	37	37	37	37	37	37	37	37	33	440
Maint Stn Common Struct &	HGM	265	BNS	NE	NHGZZZZZ	201	610	No Escalation	51	51	51	51	51	51	51	51	51	51	51	49	610
Maint Stn Common Struct &	HGM	265	P01	NE	NHGZZZZZ	201	11650	No Escalation	971	971	971	971	971	971	971	971	971	971	971	969	11,650
Maint Stn Common Struct &	HGM	265	P03	NE	NHGZZZZZ	201	2160	No Escalation	180	180	180	180	180	180	180	180	180	180	180	180	2,160
Maint Stn Common Struct &	HGM	265	PT1	NE	NHGZZZZZ	201	720	No Escalation	60	60	60	60	60	60	60	60	60	60	60	60	720
Maint Stn Common Struct &	HGM	265	PT2	NE	NHGZZZZZ	201	27400	No Escalation	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,287	27,400
Maint Stn Common Struct &	HGM	265	PT2	NS	NHGZZZZZ	201	1480	No Escalation	123	123	123	123	123	123	123	123	123	123	123	127	1,480
Maint Stn Common Struct &	HGM	265	PTF	NE	NHGZZZZZ	201	410	No Escalation	34	34	34	34	34	34	34	34	34	34	34	36	410
Maint Stn Common Struct &	HGM	265	PWW	NE	NHGZZZZZ	201	1150	No Escalation	96	96	96	96	96	96	96	96	96	96	96	94	1,150
Maint Stn Common Struct &	HGM	265	RST	NE	NHGZZZZZ	201	5640	No Escalation	470	470	470	470	470	470	470	470	470	470	470	470	5,640
Maint Stn Common Struct &	HGM	265	RTF	NE	NHGZZZZZ	201	1100	No Escalation	92	92	92	92	92	92	92	92	92	92	92	88	1,100
Maint Stn Common Struct &	HGM	265	RW1	NE	NHGZZZZZ	201	4680	No Escalation	390	390	390	390	390	390	390	390	390	390	390	390	4,680
Maint Stn Common Struct &	HGM	265	RWT	NE	NHGZZZZZ	201	1310	No Escalation	109	109	109	109	109	109	109	109	109	109	109	111	1,310
Maint Stn Common Struct &	HGM	265	SST	NE	NHGZZZZZ	201	12200	No Escalation	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,013	12,200
Maint Stn Common Struct &	HGM	265	SWT	NE	NHGZZZZZ	201	900	No Escalation	75	75	75	75	75	75	75	75	75	75	75	75	900
Maint Stn Common Struct &	HGM	265	SWW	NE	NHGZZZZZ	201	3100	No Escalation	258	258	258	258	258	258	258	258	258	258	258	262	3,100
Maint Stn Common Struct &	HGM	265	UHY	NE	NHGZZZZZ	201	290	No Escalation	24	24	24	24	24	24	24	24	24	24	24	26	290
Maint Stn Common Struct &	HGM	265	VHY	NE	NHGZZZZZ	201	520	No Escalation	43	43	43	43	43	43	43	43	43	43	43	47	520
Maint St Common Misc Equ	HGM	266	ANS	NE	NHGZZZZZ	201	20260	No Escalation	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,692	20,260
Maint St Common Misc Equ	HGM	266	P01	NE	NHGZZZZZ	201	33870	No Escalation	2,823	2,823	2,823	2,823	2,823	2,823	2,823	2,823	2,823	2,823	2,823	2,817	33,870
Maint St Common Misc Equ	HGM	266	RST	NE	NHGZZZZZ	201	14930	No Escalation	1,244	1,244	1,244	1,244	1,244	1,244	1,244	1,244	1,244	1,244	1,244	1,246	14,930
Maint St Common Misc Equ	HGM	266	SST	NE	NHGZZZZZ	201	30850	No Escalation	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,569	30,850
Maint St Common Misc Equ	HGM	268	P01	NE	NHGZZZZZ	201	5490	No Escalation	458	458	458	458	458	458	458	458	458	458	458	452	5,490
Maint St Common Misc Equ	HGM	268	SST	NE	NHGZZZZZ	201	3650	No Escalation	304	304	304	304	304	304	304	304	304	304	304	306	3,650
Maint Fuel Feed System-Pr	HGM	270	RST	NE	NHGZZZZZ	201	230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Maint Fuel Feed System-Co	HGM	271	A16	NE	NHGZZZZZ	201	11200	No Escalation	933	933	933	933	933	933	933	933	933	933	933	937	11,200
Maint Fuel Feed System-Co	HGM	271	A17	NE	NHGZZZZZ	201	4980	No Escalation	415	415	415	415	415	415	415	415	415	415	415	415	4,980
Maint Fuel Feed System-Co	HGM	271	P01	NE	NHGZZZZZ	201	6010	No Escalation	501	501	501	501	501	501	501	501	501	501	501	499	6,010
Maint Fuel Feed System-Co	HGM	271	P03	NE	NHGZZZZZ	201	9130	No Escalation	761	761	761	761	761	761	761	761	761	761	761	759	9,130
Maint Fuel Feed System-Co	HGM	271	R05	NE	NHGZZZZZ	201	7320	No Escalation	610	610	610	610	610	610	610	610	610	610	610	610	7,320
Maint Fuel Feed System-Co	HGM	271	R06	NE	NHGZZZZZ	201	11240	No Escalation	937	937	937	937	937	937	937	937	937	937	937	933	11,240
Maint Fuel Feed System-Co	HGM	271	RST	NE	NHGZZZZZ	201	6900	No Escalation	575	575	575	575	575	575	575	575	575	575	575	575	6,900
Maint Fuel Feed System-Co	HGM	271	S03	NE	NHGZZZZZ	201	560	No Escalation	47	47	47	47	47	47	47	47	47	47	47	43	560
Maint Fuel Feed System-Co	HGM	271	S04	NE	NHGZZZZZ	201	1310	No Escalation	109	109	109	109	109	109	109	109	109	109	109	111	1,310
Maint Fuel Feed System-Co	HGM	271	SST	NE	NHGZZZZZ	201	5600	No Escalation	467	467	467	467	467	467	467	467	467	467	467	463	5,600

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Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Combust Turbine & E	HGM	272	A01	NE	NHGZZZZZ	201	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Combust Turbine & E	HGM	273	P03	NE	NHGZZZZZ	201	870	No Escalation	73	73	73	73	73	73	73	73	73	73	73	67	870
Maint Combust Turbine & E	HGM	274	A01	NE	NHGZZZZZ	201	10,670	No Escalation	889	889	889	889	889	889	889	889	889	889	889	891	10,670
Maint Combust Turbine & E	HGM	274	OUT	BE	NHGZZZZZ	201	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Maint Combust Turbine & E	HGM	274	P03	NE	NHGZZZZZ	201	26,860	No Escalation	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,242	26,860
Maint Int Combust Eng & Re	HGM	275	A15	NE	NHGZZZZZ	201	1,320	No Escalation	110	110	110	110	110	110	110	110	110	110	110	110	1,320
Maint Int Combust Eng & Re	HGM	275	A17	NE	NHGZZZZZ	201	1,540	No Escalation	128	128	128	128	128	128	128	128	128	128	128	132	1,540
Maint Int Combust Eng & Re	HGM	276	A15	NE	NHGZZZZZ	201	1,270	No Escalation	106	106	106	106	106	106	106	106	106	106	106	104	1,270
Maint Int Combust Eng & Re	HGM	277	A11	NE	NHGZZZZZ	201	750	No Escalation	63	63	63	63	63	63	63	63	63	63	63	57	750
Maint Int Combust Eng & Re	HGM	277	A15	NE	NHGZZZZZ	201	11,690	No Escalation	974	974	974	974	974	974	974	974	974	974	974	976	11,690
Maint Int Combust Eng & Re	HGM	277	A16	NE	NHGZZZZZ	201	6,820	No Escalation	568	568	568	568	568	568	568	568	568	568	568	572	6,820
Maint Int Combust Eng & Re	HGM	277	A17	NE	NHGZZZZZ	201	1,180	No Escalation	98	98	98	98	98	98	98	98	98	98	98	102	1,180
Maint Int Combust Eng & Re	HGM	277	ANS	NE	NHGZZZZZ	201	170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Maint Int Combust Eng & Re	HGM	277	B12	NE	NHGZZZZZ	201	3,150	No Escalation	263	263	263	263	263	263	263	263	263	263	263	257	3,150
Maint Int Combust Eng & Re	HGM	277	B13	NE	NHGZZZZZ	201	11,900	No Escalation	992	992	992	992	992	992	992	992	992	992	992	988	11,900
Maint Int Combust Eng & Re	HGM	277	B14	NE	NHGZZZZZ	201	1,480	No Escalation	123	123	123	123	123	123	123	123	123	123	123	127	1,480
Maint Int Combust Eng & Re	HGM	277	D24	NE	NHGZZZZZ	201	170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Maint Int Combust Eng & Re	HGM	277	D26	NE	NHGZZZZZ	201	340	No Escalation	28	28	28	28	28	28	28	28	28	28	28	32	340
Maint Renew Energy & Rel	HGM	278	V01	NE	NHGZZZZZ	201	370	No Escalation	31	31	31	31	31	31	31	31	31	31	31	29	370
Maint Renew Energy & Rel	HGM	278	V02	NE	NHGZZZZZ	201	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Renew Energy & Rel	HGM	280	U02	NE	NHGZZZZZ	201	350	No Escalation	29	29	29	29	29	29	29	29	29	29	29	31	350
Maint Renew Energy & Rel	HGM	280	UHY	NE	NHGZZZZZ	201	360	No Escalation	30	30	30	30	30	30	30	30	30	30	30	30	360
Maint Renew Energy & Rel	HGM	280	V01	NE	NHGZZZZZ	201	220	No Escalation	18	18	18	18	18	18	18	18	18	18	18	22	220
Maint Renew Energy & Rel	HGM	280	V02	NS	NHGZZZZZ	201	1,430	No Escalation	119	119	119	119	119	119	119	119	119	119	119	121	1,430
Attend Training	HGM	789	ANS	NE	NHGZZZZZ	201	1,130	No Escalation	94	94	94	94	94	94	94	94	94	94	94	96	1,130
Process Material & Transac	HGM	850	HEL	NC	NHGZZZZZ	201	1,150	No Escalation	96	96	96	96	96	96	96	96	96	96	96	94	1,150
Reclaim/Refurbish Materials	HGM	851	HEL	NC	NHGZZZZZ	201	360	No Escalation	30	30	30	30	30	30	30	30	30	30	30	30	360
Perform Inventory Control fo	HGM	853	HEL	NC	NHGZZZZZ	201	250	No Escalation	21	21	21	21	21	21	21	21	21	21	21	19	250
Comply Ongoing Permit/Reg	HGM	875	SST	NE	NHGZZZZZ	201	1,090	No Escalation	91	91	91	91	91	91	91	91	91	91	91	89	1,090
Care for Buildings & Ground	HGM	931	ANS	NE	NHGZZZZZ	201	200	No Escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Provide & Manage Services	HGM	934	RST	NE	NHGZZZZZ	201	190	No Escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
							762,810	No Escalation	63,568	63,568	63,568	63,568	63,568	63,568	63,568	63,568	63,568	63,568	63,568	63,562	762,810
Manage Fuel Supply Procur	HGP	220	P01	NE	NHGZZZZZ	201	4,400	No Escalation	367	367	367	367	367	367	367	367	367	367	367	363	4,400
Manage Fuel Supply Procur	HGP	220	P03	NE	NHGZZZZZ	201	770	No Escalation	64	64	64	64	64	64	64	64	64	64	64	66	770
Op & Mon Plt Eq (Make Rou	HGP	242	P01	NE	NHGZZZZZ	201	17,880	No Escalation	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	17,880

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Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Op & Mon Plt Eq (Make Rou	HGP	242	P01	NE	NHGZZZZZ	201	3490	No Escalation	291	291	291	291	291	291	291	291	291	291	291	289	3,490
Op & Mon Plt Eq (Make Rou	HGP	244	P03	NE	NHGZZZZZ	201	20500	No Escalation	1,708	1,708	1,708	1,708	1,708	1,708	1,708	1,708	1,708	1,708	1,708	1,712	20,500
Perf Water Treatment & Ana	HGP	248	P01	NE	NHGZZZZZ	201	66320	No Escalation	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,523	66,320
Perf Water Treatment & Ana	HGP	248	P01	NE	NHGZZZZZ	201	66230	No Escalation	5,519	5,519	5,519	5,519	5,519	5,519	5,519	5,519	5,519	5,519	5,519	5,521	66,230
Perf Water Treatment & Ana	HGP	248	P03	NE	NHGZZZZZ	201	21630	No Escalation	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,797	21,630
Perf Water Treatment & Ana	HGP	248	P03	NE	NHGZZZZZ	201	8630	No Escalation	719	719	719	719	719	719	719	719	719	719	719	721	8,630
Maint Boiler Plt & Rel Eq-Co	HGP	259	P01	NE	NHGZZZZZ	201	3820	No Escalation	318	318	318	318	318	318	318	318	318	318	318	322	3,820
Maint Steam TurboGen & R	HGP	262	P01	NE	NHGZZZZZ	201	1920	No Escalation	160	160	160	160	160	160	160	160	160	160	160	160	1,920
Maint Stn Common Struct &	HGP	265	PST	NE	NHGZZZZZ	201	1260	No Escalation	107	107	107	107	107	107	107	107	107	107	107	103	1,260
Maint Stn Common Struct &	HGP	265	PTF	NE	NHGZZZZZ	201	1060	No Escalation	88	88	88	88	88	88	88	88	88	88	88	92	1,060
Maint Combust Turbine & E	HGP	274	P03	NE	NHGZZZZZ	201	3640	No Escalation	303	303	303	303	303	303	303	303	303	303	303	307	3,640
Comply Ongoing Permit/Re	HGP	875	P03	NE	NHGZZZZZ	201	380	No Escalation	32	32	32	32	32	32	32	32	32	32	32	28	380
Comply Ongoing-Solid & Ha	HGP	877	P01	NE	NHGZZZZZ	201	800	No Escalation	67	67	67	67	67	67	67	67	67	67	67	63	800
							222750	No Escalation	18,563	18,563	18,563	18,563	18,563	18,563	18,563	18,563	18,563	18,563	18,563	18,557	222,750
Engr, Design & Manage Pro	HGT	211	RST	NS	NHGZZZZZ	201	230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Mnge O&M Fuel Facil	HGT	230	RST	NE	NHGZZZZZ	201	130	No Escalation	11	11	11	11	11	11	11	11	11	11	11	9	130
Maint Int Combust Eng & Re	HGT	275	A11	NE	NHGZZZZZ	201	1150	No Escalation	96	96	96	96	96	96	96	96	96	96	96	94	1,150
Comply Ongoing-Wastewate	HGT	876	ANS	NE	NHGZZZZZ	201	180	No Escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Comply Ongoing-Wastewate	HGT	876	RST	NE	NHGZZZZZ	201	140	No Escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Comply Ongoing-Solid & Ha	HGT	877	P01	NE	NHGZZZZZ	201	190	No Escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
							2020	No Escalation	168	168	168	168	168	168	168	168	168	168	168	172	2,020
Op & Mon Plt Eq (Make Rou	HGW	242	S01	NE	NHGZZZZZ	201	540	No Escalation	45	45	45	45	45	45	45	45	45	45	45	45	540
Op & Mon Plt Eq (Make Rou	HGW	242	S03	NE	NHGZZZZZ	201	4410	No Escalation	368	368	368	368	368	368	368	368	368	368	368	362	4,410
Op & Mon Plt Eq (Make Rou	HGW	242	S04	NE	NHGZZZZZ	201	6090	No Escalation	508	508	508	508	508	508	508	508	508	508	508	502	6,090
Op & Mon Plt Eq (Make Rou	HGW	242	SST	NE	NHGZZZZZ	201	7050	No Escalation	588	588	588	588	588	588	588	588	588	588	588	582	7,050
Perf Water Treatment & Ana	HGW	248	S03	NE	NHGZZZZZ	201	13400	No Escalation	1,117	1,117	1,117	1,117	1,117	1,117	1,117	1,117	1,117	1,117	1,117	1,113	13,400
Perf Water Treatment & Ana	HGW	248	S04	NE	NHGZZZZZ	201	12930	No Escalation	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,072	12,930
Perf Water Treatment & Ana	HGW	248	SST	NE	NHGZZZZZ	201	28190	No Escalation	2,349	2,349	2,349	2,349	2,349	2,349	2,349	2,349	2,349	2,349	2,349	2,351	28,190
							72610	No Escalation	6,051	6,051	6,051	6,051	6,051	6,051	6,051	6,051	6,051	6,051	6,051	6,049	72,610
Maint Stn Common Struct &	HGX	263	P03	NE	NHGZZZZZ	201	4820	No Escalation	402	402	402	402	402	402	402	402	402	402	402	398	4,820
Maint Stn Common Struct &	HGX	265	PT2	NE	NHGZZZZZ	201	40840	No Escalation	3,403	3,403	3,403	3,403	3,403	3,403	3,403	3,403	3,403	3,403	3,403	3,407	40,840
Maint St Common Misc Equ	HGX	266	ANS	NE	NHGZZZZZ	201	107380	No Escalation	8,948	8,948	8,948	8,948	8,948	8,948	8,948	8,948	8,948	8,948	8,948	8,952	107,380
Maint St Common Misc Equ	HGX	266	BNS	NE	NHGZZZZZ	201	96850	No Escalation	8,071	8,071	8,071	8,071	8,071	8,071	8,071	8,071	8,071	8,071	8,071	8,069	96,850

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NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) ____
MATERIALS (201)

Prepared by kklein
Date 4/21/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint St Common Misc Equ	HGX	268	P03	NE	NHGZZZZZ	201	12180	No Escalation	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,009	12,130
Maint Fuel Feed System-Co	HGX	271	P03	NE	NHGZZZZZ	201	20350	No Escalation	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,694	20,350
Maint Combust Turbine & E	HGX	272	A01	NE	NHGZZZZZ	201	64870	No Escalation	5,406	5,406	5,406	5,406	5,406	5,406	5,406	5,406	5,406	5,406	5,406	5,406	64,870
Maint Combust Turbine & E	HGX	272	P03	NE	NHGZZZZZ	201	18060	No Escalation	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	18,060
Maint Combust Turbine & E	HGX	274	P03	NE	NHGZZZZZ	201	74810	No Escalation	6,234	6,234	6,234	6,234	6,234	6,234	6,234	6,234	6,234	6,234	6,234	6,236	74,810
Maint Int Combust Eng & Re	HGX	275	C21	NE	NHGZZZZZ	201	3320	No Escalation	277	277	277	277	277	277	277	277	277	277	277	273	3,320
Maint Int Combust Eng & Re	HGX	275	C22	NE	NHGZZZZZ	201	3320	No Escalation	277	277	277	277	277	277	277	277	277	277	277	273	3,320
Maint Int Combust Eng & Re	HGX	276	ANS	NE	NHGZZZZZ	201	201920	No Escalation	16,827	16,827	16,827	16,827	16,827	16,827	16,827	16,827	16,827	16,827	16,827	16,823	201,920
Maint Int Combust Eng & Re	HGX	277	A01	NE	NHGZZZZZ	201	790	No Escalation	66	66	66	66	66	66	66	66	66	66	66	64	790
Maint Int Combust Eng & Re	HGX	277	A15	NE	NHGZZZZZ	201	18830	No Escalation	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,571	18,830
Maint Int Combust Eng & Re	HGX	277	A16	NE	NHGZZZZZ	201	18830	No Escalation	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,569	1,571	18,830
Maint Int Combust Eng & Re	HGX	277	A17	NE	NHGZZZZZ	201	19570	No Escalation	1,631	1,631	1,631	1,631	1,631	1,631	1,631	1,631	1,631	1,631	1,631	1,629	19,570
Maint Int Combust Eng & Re	HGX	277	ANS	NE	NHGZZZZZ	201	3660	No Escalation	305	305	305	305	305	305	305	305	305	305	305	305	3,660
Maint Int Combust Eng & Re	HGX	277	B12	NE	NHGZZZZZ	201	18560	No Escalation	1,547	1,547	1,547	1,547	1,547	1,547	1,547	1,547	1,547	1,547	1,547	1,543	18,560
Maint Int Combust Eng & Re	HGX	277	B13	NE	NHGZZZZZ	201	17720	No Escalation	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,477	1,473	17,720
Maint Int Combust Eng & Re	HGX	277	B14	NE	NHGZZZZZ	201	19320	No Escalation	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	19,320
Maint Int Combust Eng & Re	HGX	277	BNS	NE	NHGZZZZZ	201	1750	No Escalation	146	146	146	146	146	146	146	146	146	146	146	144	1,750
Maint Int Combust Eng & Re	HGX	277	D24	NE	NHGZZZZZ	201	600	No Escalation	50	50	50	50	50	50	50	50	50	50	50	50	600
Maint Int Combust Eng & Re	HGX	277	D26	NE	NHGZZZZZ	201	510	No Escalation	43	43	43	43	43	43	43	43	43	43	43	37	510
							768810	No Escalation	64,068	64,068	64,068	64,068	64,068	64,068	64,068	64,068	64,068	64,068	64,068	62,812	767,560
				Total w/ Chems & Lube Oil			2613810	No Escalation	217,818	217,818	217,818	217,818	217,818	217,818	217,818	217,818	217,818	217,818	217,818	216,562	2,612,560

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RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGA	122	HEL	NS	NHGZZZZZ	201	Evaluate & Negotiate New Contr	-	-	-	219	-	-	55	-
HGA	211	ANS	NE	NHGZZZZZ	201	Engr, Design & Manage Projects	-	-	-	441	-	-	110	110
HGA	231	ANS	NE	NHGZZZZZ	201	Mnge Fuel Del Opns & Inventory	521	-	-	-	-	-	-	-
HGA	231	BNS	NE	NHGZZZZZ	201	Mnge Fuel Del Opns & Inventory	521	-	-	-	-	-	-	-
HGA	231	CNS	NE	NHGZZZZZ	201	Mnge Fuel Del Opns & Inventory	521	-	-	-	-	-	-	-
HGA	231	P03	NE	NHGZZZZZ	201	Mnge Fuel Del Opns & Inventory	521	-	-	-	-	-	-	-
HGA	240	ANS	NE	NHGZZZZZ	201	Develop & Maintain Policies & P	726	661	1,086	67	962	2,122	1,059	1,100
HGA	242	P01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	25	-	-	-	6	-
HGA	242	R05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	3	-	-	-	-	-	-	-
HGA	242	R06	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	78	520	-	-	-	-	-	-
HGA	242	RST	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	425	-	-	-	-	-	-	-
HGA	242	RST	NS	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	70	584	164	170
HGA	242	RST	NS	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGA	242	S03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	110	-	-	-	-	-	-	-
HGA	243	V01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	17	-	-	-	-	-	-
HGA	243	V02	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	17	-	-	-	-	-	-
HGA	244	A01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	831	-	208	220
HGA	244	BNS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGA	245	R05	NE	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Boil	70	-	-	-	-	-	-	-
HGA	245	R06	NE	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Boil	2,537	-	-	-	-	-	-	-
HGA	245	RST	NE	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Boil	121	-	-	1,675	-	-	419	440
HGA	245	RST	NS	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Boil	-	-	-	-	-	(4)	(1)	-
HGA	246	R06	NE	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Turb	785	39	-	-	-	-	-	-
HGA	247	A01	NE	NHGZZZZZ	201	Mon Plt/Oprnl Perform-NonSteam	39	-	-	-	-	-	-	-
HGA	247	D24	NE	NHGZZZZZ	201	Mon Plt/Oprnl Perform-NonSteam	50	-	-	-	-	-	-	-
HGA	248	R05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	2,627	-	-	-	-	-	-	-
HGA	248	R06	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	2,526	-	-	-	-	-	-	-
HGA	259	R08	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	(12,917)	-	-	(3,229)	-
HGA	265	RTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	3,584	-	-	-	-	-	-	-
HGA	375	AOC	NE	NHGZZZZZ	201	Schedule Generation Resources	341	-	-	5,234	-	-	1,309	-
HGA	375	AOC	NS	NHGZZZZZ	201	Schedule Generation Resources	320	-	-	-	-	-	-	-
HGA	376	HAH	NE	NHGZZZZZ	201	Dispatch & Mon Gen/Trans SCA	-	-	-	7,784	-	-	1,946	-
HGA	376	MAL	BE	NHGZZZZZ	201	Dispatch & Mon Gen/Trans SCA	(2,000)	843	-	-	-	-	-	-
HGA	700	HPO	NS	NHGZZZZZ	201	Develop & Administer Business	-	-	15	-	-	-	4	-
HGA	789	HPO	NS	NHGZZZZZ	201	Attend Training	-	-	-	-	-	116	29	-
HGA	789	HPO	NS	NHGZZZZZ	201	Attend Training	-	-	-	-	-	-	-	-
HGA	835	RST	NE	NHGZZZZZ	201	Prep & File Fin Rpts/Stat Info-Int	96	-	-	-	-	-	-	-
HGA	875	RST	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	174	-	625	-	-	156	160
HGA	875	RST	NS	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	402	-	356	-	-	-	89	-
HGA	875	SST	NS	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	402	-	-	-	-	-	-	-
HGA	876	RST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	120	962	-	-	270	280
HGA	877	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	189	-	897	-	271	280
HGA	877	RST	NS	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	3,368	181	373	-	-	-	93	-
HGA	878	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	1,171	-	171	335	350
HGA	878	SST	NS	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	7	-	-	-	-	-	-	-
HGA	931	ANS	NE	NHGZZZZZ	201	Care for Buildings & Grounds	-	18	81	156	-	-	59	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
									Retired					
							18,699	2,470	2,245	5,416	2,760	2,989	3,352	3,110
														Based on F
HGC	244	C02	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	614	-	-	-	153	-
HGC	244	C04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	7,089	1,772	7,390
HGC	244	C04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	244	C05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	5,929	1,482	6,180
HGC	244	C05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	244	C18	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	272	-	-	-	68	-
HGC	244	C19	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	272	-	-	-	68	-
HGC	244	C20	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	289	-	-	-	72	-
HGC	244	C21	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	289	-	-	920	302	960
HGC	244	C22	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	289	-	-	-	72	-
HGC	244	C23	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	289	-	-	-	72	-
HGC	244	C23	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	244	CNS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	97	-	3,400	84	2,402	1,471	2,500
HGC	244	CNS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	248	C04	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	3,166	792	3,300
HGC	248	C04	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	-	-	-
HGC	248	C05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	3,166	792	3,300
HGC	248	C05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	-	-	-
HGC	875	CNS	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	3,502	876	3,650
HGC	875	CNS	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
							-	97	2,312	3,400	84	26,174	7,992	27,280
HGH	220	R06	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	-	-	208	52	-
HGH	220	R06	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	-	-	-	-	-
HGH	220	RST	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	-	-	15,617	3,904	4,070
HGH	222	RST	NS	NHGZZZZZ	201	Mnge Procurmt of Fuel Trnspt &	-	-	-	-	2,730	-	683	710
HGH	230	ANS	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	360	90	-
HGH	230	RST	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	362	91	-
HGH	230	RST	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGH	241	RST	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	-	-	-	-	3,609	-	902	940
HGH	242	R05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	8,998	9,272	14,989	32,306	10,259	5,960	15,879	16,550
HGH	242	R05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGH	242	R06	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	10,449	17,957	27,910	37,136	17,786	10,362	23,298	24,290
HGH	242	R06	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGH	242	RST	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	2,155	4,247	2,875	4,049	5,553	1,327	3,451	3,600
HGH	242	RST	NE	NHGZZZZZ	201	Btr Chem	-	-	-	-	-	-	-	17,090
HGH	242	S03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	28	38	-	-	16	-
HGH	242	S04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	28	38	-	-	16	-
HGH	242	SST	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	143	-	-	36	-
HGH	244	A01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	938	809	-	-	71	220	230
HGH	244	A15	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	722	-	-	-	-	-	-
HGH	244	A16	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	722	-	-	-	-	-	-
HGH	244	A17	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	744	-	-	-	-	-	-
HGH	244	ANS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	53,493	65,142	17,739	19,781	13,050	5,498	14,017	14,610

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
										Retired				
HGH	244	ANS	NE	NHGZZZZZ	201	Lube Oil	-	-	-	-	-	-	-	16,950
HGH	245	R05	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	609	235	75	-	-	-	19	-
HGH	245	R06	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	1,324	1,280	36	-	-	-	9	-
HGH	245	RST	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	-	-	-	-	281	-	70	-
HGH	246	R06	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Turb	786	2,419	75	-	-	-	19	-
HGH	248	R05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	9,314	11,887	23,346	31,756	22,351	37,527	28,745	29,960
HGH	248	R05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	-	-	-
HGH	248	R06	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	7,116	15,213	24,185	32,354	23,012	32,253	27,951	29,140
HGH	248	R06	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	-	-	-
HGH	248	RST	NE	NHGZZZZZ	201	Blr Chem	1,666	2,812	16,351	1,775	-	3,959	5,521	68,330
HGH	259	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	3,069	10,643	-	3,741	10,150	6,134	6,390
HGH	259	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGH	259	R06	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	629	4,393	-	4,718	8,978	4,522	4,710
HGH	259	R06	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGH	260	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Eq	428	-	-	-	-	-	-	-
HGH	262	R05	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Eq	-	393	(98)	-	-	3	(24)	-
HGH	262	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Eq	-	-	-	-	-	1,868	467	490
HGH	265	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	8	918	1,348	(37)	-	-	328	340
HGH	265	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	46	-	-	-	-	23,888	5,972	6,230
HGH	265	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGH	268	RST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	4,021	87	-	-	-	22	-
HGH	271	D24	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	672	-	-	-	-	-	-	-
HGH	271	R05	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	-	19	5	-
HGH	271	R06	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	35	-	-	-	-	-	-	-
HGH	277	A11	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	1,030	-	-	-	258	270
HGH	375	AOC	NE	NHGZZZZZ	201	Schedule Generation Resources	296	1,036	-	899	-	-	225	230
HGH	789	RST	NE	NHGZZZZZ	201	Attend Training	-	-	24	156	-	116	74	-
HGH	797	HEL	NE	NHGZZZZZ	201	Attend Safety Training	-	-	-	-	-	63	16	-
HGH	876	RST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	3,536	-	5,356	(4,003)	-	338	350
HGH	876	SST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGH	876	SST	NS	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	478	-	-	-	120	120
HGH	877	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	701	-	-	572	970	-	385	400
HGH	877	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGH	931	RST	NE	NHGZZZZZ	201	Care for Buildings & Grounds	1,717	-	-	-	-	-	-	-
							99,814	146,991	146,353	166,322	104,057	158,589	143,830	246,000
HGK	222	CNS	NE	NHGZZZZZ	201	Mnge Procurmt of Fuel Tmspt &	303	-	-	-	-	-	-	-
HGK	230	BNS	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	360	90	-
HGK	230	CNS	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	360	90	-
HGK	241	C18	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	444	-	-	-	-	-	-	-
HGK	241	C19	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	444	-	-	-	-	-	-	-
HGK	241	C20	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	471	-	-	-	-	-	-	-
HGK	241	C21	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	471	-	-	-	-	-	-	-
HGK	241	C22	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	471	-	-	-	-	-	-	-
HGK	241	C23	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	471	-	-	-	-	-	-	-
HGK	244	BNS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	28,249	52,201	7,803	33,212	30,968	21,829	23,453	24,450
HGK	244	BNS	NE	NHGZZZZZ	201	Lube Oil	-	-	-	-	-	-	-	21,390

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast	
										Retired					
HGK	244	C02	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	35,081	17,411	3,009	5,138	13,389	13,926	8,865	9,240	
HGK	244	C02	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-	
HGK	244	C02	NS	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	135	-	-	-	-	-	-	
HGK	244	C04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	9,943	2,486	10,360	
HGK	244	C05	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	6,012	1,503	6,270	
HGK	244	C18	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	537	-	-	-	142	-	36	-	
HGK	244	C19	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	537	-	-	-	142	-	36	-	
HGK	244	C20	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	571	751	-	-	-	-	-	-	
HGK	244	C21	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	571	-	-	-	-	-	-	-	
HGK	244	C22	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	571	-	-	-	-	-	-	-	
HGK	244	C23	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	571	-	-	-	-	-	-	-	
HGK	244	CNS	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	123,367	154,678	67,294	83,351	91,534	134,256	94,109	139,950	p.2 (2)
HGK	**244**	**CNS**	**NE**	**NHGZZZZZ**	**201**	**Lube Oil**	-	-	-	-	-	-	-	**24,180**	
HGK	247	C02	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	8,146	-	-	-	-	1,148	287	300	
HGK	247	C02	NS	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	3,853	-	-	-	-	-	-	-	
HGK	247	C04	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	-	-	-	-	-	-	
HGK	247	C05	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	-	-	-	-	-	-	
HGK	247	C20	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	875	-	-	-	-	-	-	-	
HGK	247	C21	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	875	-	-	-	-	-	-	-	
HGK	247	CNS	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	1,664	182	-	-	461	480	
HGK	**248**	**C02**	**NE**	**NHGZZZZZ**	**201**	**Perf Water Treatment & Analys**	-	-	-	-	-	-	-	**1,210**	
HGK	**248**	**C04**	**NE**	**NHGZZZZZ**	**201**	**Perf Water Treatment & Analys**	-	-	-	-	-	-	-	**16,920**	
HGK	**248**	**C05**	**NE**	**NHGZZZZZ**	**201**	**Perf Water Treatment & Analys**	-	-	-	-	-	-	-	**8,260**	
HGK	248	C02	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	152,337	36,727	22,680	7,122	3,487	12,494	11,446	11,930	
HGK	248	C04	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	1,633	408	1,700	
HGK	248	C05	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	-	-	-	-	1,585	396	1,650	
HGK	248	CNS	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	-	32,580	396	-	4,738	-	1,284	1,340	
HGK	263	CNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	312	-	1,028	1,122	4,379	5,026	2,889	3,010	
HGK	263	CNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGK	263	CWT	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	313	-	-	78	-	
HGK	263	CWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	734	184	190	
HGK	263	CWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGK	264	CNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	12	-	-	-	-	19,660	4,915	5,120	
HGK	264	CWT	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	2,256	-	4,300	1,639	1,710	
HGK	264	CWT	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGK	264	CWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGK	265	C02	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	637	-	-	159	170	
HGK	265	C04	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	46	-	-	12	-	
HGK	265	CNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	960	780	4,812	-	13,268	4,715	4,910	
HGK	265	CNS	NS	NHGZZZZZ	201	Maint Stn Common Struct & Sys	474	-	-	-	-	-	-	-	
HGK	265	CTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGK	265	CWT	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	10,458	222	2,401	45,435	30,706	6,817	21,340	22,240	
HGK	265	CWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	995	-	-	249	260	
HGK	266	CNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	7,309	13,225	(897)	10,658	36,737	203,879	62,594	65,250	p.2(2)
HGK	266	CNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-	
HGK	267	CNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	1,679	-	-	-	-	-	-	
HGK	268	CNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	652	1,150	2,013	424	1,147	1,184	1,230	

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGK	268	CW1	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	1,684	153	-	-	6,772	-	1,693	1,760
HGK	269	C02	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	1,335	-	-	-	-	-	-	-
HGK	269	C21	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	-	-	-	-	-	25,010	6,253	6,520
HGK	269	CNS	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	-	-	-	-	1,800	4,522	1,581	1,650
HGK	269	CNS	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	-	-	-	-	-	-	-	-
HGK	271	C02	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	1,222	-	-	305	320
HGK	271	C18	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	914	-	-	-	228	240
HGK	271	C19	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	183	-	-	-	46	-
HGK	271	C20	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	282	-	-	-	71	-
HGK	271	C21	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	282	-	-	-	71	-
HGK	271	C23	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	45	-	-	-	-	-	-
HGK	271	D25	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	672	-	-	-	-	-	-	-
HGK	272	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	7,320	2,345	673	6,369	303	80	1,856	1,930
HGK	272	C04	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	2,181	545	570
HGK	272	C05	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	2,181	545	570
HGK	273	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	557	-	633	86	1,927	-	662	690
HGK	273	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	273	C04	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	273	C05	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	274	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	29,283	24,993	29,867	22,900	11,196	5,879	17,460	18,200
HGK	274	C04	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	9,873	123	1,482	2,869	2,990
HGK	274	C04	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	274	C05	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	458	115	120
HGK	274	C05	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	274	OUT	BE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	35,266	-	-	-	-	-	-
HGK	275	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	7,927	212	2,035	2,120
HGK	275	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	212	53	-
HGK	275	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGK	275	C18	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,864	257	-	169	-	-	42	-
HGK	275	C19	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,864	257	-	169	8,345	-	2,129	2,220
HGK	275	C20	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,992	273	-	180	-	-	45	-
HGK	275	C21	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,544	273	-	180	-	-	45	-
HGK	275	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,544	273	-	180	-	5,354	1,384	1,440
HGK	275	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	3,651	273	-	180	-	-	45	-
HGK	275	D25	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	849	1,911	-	690	720
HGK	275	D27	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	378	-	95	-
HGK	276	C18	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,693	-	423	440
HGK	276	C21	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	3,158	231	847	880
HGK	276	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	40	3,158	1,784	1,246	1,300
HGK	276	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGK	276	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	3,907	(26)	8,767	3,162	3,300
HGK	276	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGK	276	CNS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	62	16	-
HGK	277	C18	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	11,839	35,657	1,246	1,970	2,914	-	1,532	1,600
HGK	277	C19	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	9,821	5,411	46,298	16,130	7,288	673	17,597	18,340
HGK	277	C20	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	14,522	209,112	6,881	8,330	17,776	1,775	8,691	9,060
HGK	277	C21	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	46,374	4,755	3,500	3,072	1,500	2,204	2,569	2,680

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGK	277	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	8,318	47,455	15,267	23,915	6,997	3,565	12,441	12,970
HGK	277	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-
HGK	277	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	41,091	5,817	61,169	2,816	10,922	5,476	20,096	20,950
HGK	277	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-
HGK	277	CNS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	340	4,259	458	1,264	1,320
HGK	277	D25	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	8	261	329	117	477	296	310
HGK	277	D26	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	1,372	-	343	360
HGK	277	D27	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	261	360	117	477	304	320
HGK	807	CNS	NE	NHGZZZZZ	201	Manage & Provide Companywid	-	-	146	-	-	-	36	-
HGK	875	C02	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	2,690	108	-	317	-	106	110
HGK	875	C02	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGK	875	C02	NS	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	1,448	-	-	-	-	-	-	-
HGK	875	CNS	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	33,373	8,343	8,700
HGK	878	CNS	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	62	-	-	15	-
HGK	931	CNS	NE	NHGZZZZZ	201	Care for Buildings & Grounds	-	-	174	-	-	-	43	-
HGK	934	CNS	NE	NHGZZZZZ	201	Provide & Manage Services-Cus	(60)	-	-	-	-	-	-	-
							574,444	686,538	275,472	300,921	318,890	565,270	365,138	508,420
HGM	240	CNS	NS	NHGZZZZZ	201	Develop & Maintain Policies & P	-	9	-	-	-	-	-	-
HGM	244	A01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	646	191	1,139	-	-	-	285	300
HGM	244	B08	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	134	-	-	-	-	-	-
HGM	244	B09	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	138	-	-	-	-	-	-
HGM	244	B10	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	134	-	-	-	-	-	-
HGM	244	P03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	163	78	-	60	-
HGM	245	R06	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	-	-	-	-	1,042	-	261	270
HGM	246	R05	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Turt	-	-	-	-	955	-	239	250
HGM	247	A15	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	22	-	-	-	5	-
HGM	247	A16	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	22	-	-	-	5	-
HGM	247	A17	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	23	-	-	-	6	-
HGM	247	ANS	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	32	-	-	127	-	-	32	-
HGM	247	B12	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	8	-	-	-	2	-
HGM	247	B13	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	8	-	-	-	2	-
HGM	247	B14	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	8	-	-	-	2	-
HGM	247	BNS	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	32	-	-	55	-	-	14	-
HGM	247	P03	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	-	-	3,793	-	948	990
HGM	247	PT2	NE	NHGZZZZZ	201	Mon Plt/Opml Perform-NonStea	-	-	-	-	34,190	-	8,548	8,910
HGM	248	RST	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	-	-	-	1,794	-	-	448	470
HGM	255	S03	NS	NHGZZZZZ	201	Develop Outage & Project Plans	6,224	-	-	-	-	-	-	-
HGM	256	P03	NS	NHGZZZZZ	201	Plan/Schedule Maintenance & C	-	-	-	-	-	2,222	556	580
HGM	257	P01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	-	7,960	-	129	476	9,420	2,506	2,610
HGM	257	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	1,818	-	266	872	735	-	468	490
HGM	257	R06	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	1,226	935	5,892	129	1,462	3,119	2,650	2,760
HGM	257	S03	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	-	2,102	-	1,859	224	1,209	823	860
HGM	257	S04	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	35	-	-	129	844	-	243	250
HGM	257	SST	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Prev	480	-	-	-	18,978	215	4,798	5,000
HGM	258	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Pred	488	-	-	-	-	-	-	-
HGM	258	S03	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Pred	2,301	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast	
										Retired					
HGM	258	S04	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Pred	2,381	-	-	-	-	-	-	-	
HGM	259	P01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	6,940	14,146	26,383	108,966	45,905	71,435	62,672	65,330	P.4
HGM	259	P01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-	
HGM	259	PST	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	88	-	-	-	-	-	-	
HGM	259	PST	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-	
HGM	259	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	11,145	56,179	55,584	42,820	62,803	132,671	73,469	76,580	
HGM	259	R05	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-	
HGM	259	R06	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	70,878	25,937	104,495	79,728	93,839	18,396	74,115	77,260	
HGM	259	R06	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-	
HGM	259	RST	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	5,378	853	-	-	-	-	-	-	
HGM	259	S01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	2,485	416	-	2,458	-	-	614	640	
HGM	259	S03	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	41,845	32,980	13,026	19,963	18,125	188,322	59,859	62,400	P.4
HGM	259	S03	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-	
HGM	259	S04	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	11,314	31,226	21,557	31,422	680	30,346	21,001	21,890	
HGM	259	SST	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	3,433	19,623	5,764	6,010	
HGM	260	P01	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	10	108	-	273	98	-	
HGM	260	P01	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	-	-	-	-	-	-	
HGM	260	R05	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	485	-	486	186	266	-	234	240	
HGM	260	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	2,210	-	214	144	400	786	386	400	
HGM	260	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	-	-	-	-	-	-	
HGM	260	S03	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	476	44	154	-	-	49	-	
HGM	260	S04	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	44	-	-	176	55	-	
HGM	260	SST	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	349	-	-	-	-	-	-	-	
HGM	261	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	171	-	-	-	-	-	-	-	
HGM	261	S03	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	34	-	-	-	-	45,581	11,395	11,880	
HGM	261	S04	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	-	-	-	43,878	10,970	11,430	
HGM	262	P01	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	2,005	6,283	5,221	11,916	9,744	4,762	7,911	8,250	
HGM	262	R05	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	277	8,706	638	511	13,806	9,690	6,161	6,420	
HGM	262	R06	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	3	4,698	-	4,024	11,823	190	4,009	4,180	
HGM	262	RST	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	-	-	886	-	222	230	
HGM	262	S01	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	55	159	-	-	-	-	-	-	
HGM	262	S03	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	3,787	562	-	3,526	-	9,422	3,237	3,370	
HGM	262	S04	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	2,599	2,386	153	201	-	3,887	1,060	1,110	
HGM	262	SST	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Ec	-	-	-	-	77,002	21,881	24,721	25,770	
HGM	263	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	749	4,737	1,150	29,822	8,726	2,982	10,670	11,120	
HGM	263	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGM	263	BNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	743	678	355	370	
HGM	263	BNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGM	263	P03	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	1,343	-	336	350	
HGM	263	PTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	319	-	-	-	-	-	-	-	
HGM	263	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	5,556	1,389	1,450	
HGM	263	RW1	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGM	263	SST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	21	-	5	-	-	-	1	-	
HGM	263	VHY	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	592	6,324	293	-	-	105	100	-	
HGM	263	VHY	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-	
HGM	264	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	7,686	1,922	2,000	
HGM	264	BNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	26	-	11,803	2,957	3,080	

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGM	264	P01	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	241	-	-	-	-	-	-	-
HGM	264	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	38	-	-	-	-	-	-	-
HGM	265	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	4	7,086	-	415	255	1,013	421	440
HGM	265	BNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	335	1,099	236	275	1,831	-	586	610
HGM	265	CNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	117	-	-	-	-	-	-
HGM	265	P01	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,323	20,139	17,073	7,887	17,572	2,164	11,174	11,650
HGM	265	P01	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGM	265	P03	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	8,288	2,072	2,160
HGM	265	PT1	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	2,137	2,770	-	-	-	693	720
HGM	265	PT2	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	2,573	22,547	9,745	44,493	42,037	8,885	26,290	27,400
HGM	265	PT2	NS	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	5,684	-	1,421	1,480
HGM	265	PTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	2,518	1,121	1,332	245	-	-	394	410
HGM	265	PWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,116	170	161	4,230	8	-	1,100	1,150
HGM	265	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	3,988	9,049	2,001	12,829	3,772	3,054	5,414	5,640
HGM	265	RST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGM	265	RTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,589	1,211	697	-	-	3,519	1,054	1,100
HGM	265	RW1	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	386	3,414	5,596	11,422	481	473	4,493	4,680
HGM	265	RW2	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,911	-	-	-	-	-	-	-
HGM	265	RW1	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	41	-	3,949	-	1,075	-	1,256	1,310
HGM	265	SST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	3,938	4,458	253	24,978	2,702	18,889	11,706	12,200
HGM	265	STF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,810	-	-	-	157	-	39	-
HGM	265	SW1	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	68	447	-	2,064	-	1,371	859	900
HGM	265	SWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	10	1,441	-	-	11,889	-	2,972	3,100
HGM	265	UHY	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	32	510	552	-	50	278	290
HGM	265	UHY	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGM	265	VHY	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	393	-	29	499	1,409	50	497	520
HGM	266	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	28,216	34,856	24,524	34,082	16,926	2,198	19,433	20,260
HGM	266	ANS	NS	NHGZZZZZ	201	Maint St Common Misc Equip-P	131	-	-	-	-	-	-	-
HGM	266	BNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	186	-	-	47	-
HGM	266	P01	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	114,077	15,897	32,494	33,870
HGM	266	RST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	19,148	38,151	14,325	14,930
HGM	266	RST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-
HGM	266	SST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	20,007	98,387	29,599	30,850
HGM	266	SST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-
HGM	267	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	71	-	-	-	-	-	-	-
HGM	267	BNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	30	-	-	-	-	-	-	-
HGM	268	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	216	-	-	-	-	-	-	-
HGM	268	BNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	-	117	132	-	-	62	-
HGM	268	P01	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	52	37	-	-	21,026	38	5,266	5,490
HGM	268	RST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	37	-	-	-	-	-	-
HGM	268	RW1	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	1,117	-	-	-	-	-	-
HGM	268	RW2	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	1,117	-	-	-	-	-	-
HGM	268	SST	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	-	-	1,118	12,895	-	3,503	3,650
HGM	269	A15	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	130,071	-	-	-	57	-	14	-
HGM	269	P03	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	285	-	-	-	-	-	-	-
HGM	270	RST	NE	NHGZZZZZ	201	Maint Fuel Feed System-Predict	-	-	-	-	868	-	217	230
HGM	271	A15	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	4,538	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGM	271	A16	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	42,982	-	-	10,746	11,200
HGM	271	A17	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	251	515	5,097	-	14,002	-	4,775	4,980
HGM	271	ANS	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	383	-	188	-	-	47	-
HGM	271	P01	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	9,060	4,584	17,834	4,807	416	-	5,764	6,010
HGM	271	P03	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	761	13,856	3,974	6,492	19,719	4,849	8,758	9,130
HGM	271	R05	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	19,872	45,626	-	22,802	4,039	1,239	7,020	7,320
HGM	271	R06	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	799	5,799	41,886	-	-	1,239	10,781	11,240
HGM	271	RST	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	1,393	1,045	7,430	8,888	7,526	2,644	6,622	6,900
HGM	271	S03	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	1,497	-	1,119	1,012	-	-	533	560
HGM	271	S04	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	856	-	4,953	55	-	-	1,252	1,310
HGM	271	SST	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	158	-	9,528	8,448	3,509	5,371	5,600
HGM	272	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	406	-	102	110
HGM	272	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGM	272	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGM	272	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	18,440	1,476	-	(108,478)	252	-	(27,057)	-
HGM	273	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	699	78	2,573	-	838	870
HGM	274	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	5,626	1,249	12,898	220	16,731	11,085	10,234	10,670
HGM	274	C02	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	308	-	-	-	-	-	-	-
HGM	274	OUT	BE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	1,488	-	-	372	390
HGM	274	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	45,343	234,810	23,125	68,710	11,231	7	25,768	26,860
HGM	275	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	29	327	-	-	5,062	-	1,266	1,320
HGM	275	A16	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	7,237	337	-	-	-	-	-	-
HGM	275	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	338	-	-	5,923	-	1,481	1,540
HGM	275	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGM	275	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	28	1,770	-	-	-	-	-	-
HGM	275	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	28	347	-	-	-	-	-	-
HGM	275	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	347	-	-	-	-	-	-
HGM	275	D26	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	156	-	39	-
HGM	276	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	669	-	-	4,857	-	-	1,214	1,270
HGM	277	A11	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	402	-	359	734	1,775	-	717	750
HGM	277	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	28,908	1,643	40,747	1,994	1,505	595	11,210	11,690
HGM	277	A15	NS	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	51	-	-	-	13	-
HGM	277	A16	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	11,409	30,709	2,627	22,074	1,485	-	6,546	6,820
HGM	277	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	146,516	36,711	589	1,942	1,465	525	1,130	1,180
HGM	277	ANS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	2,387	54	543	-	68	166	170
HGM	277	B08	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	13,398	14	17	-	-	-	4	-
HGM	277	B09	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	13	3,809	-	-	-	-	-	-
HGM	277	B10	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	72	-	-	-	-	-	-
HGM	277	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	1,028	4,270	9,399	2,424	245	-	3,017	3,150
HGM	277	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	990	16,664	30,893	6,065	8,689	-	11,412	11,900
HGM	277	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	2,065	2,495	1,207	2,988	1,491	-	1,422	1,480
HGM	277	BNS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	201	6	288	-	68	90	-
HGM	277	C20	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	2	-	-	-	-	-	-	-
HGM	277	C21	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	2	-	-	-	-	-	-	-
HGM	277	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	2	145	191	-	-	-	48	-
HGM	277	D24	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	1,966	261	382	-	-	161	170
HGM	277	D26	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	261	1,060	-	-	330	340

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGM	278	U01	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-F	-	5	-	-	-	-	-	-
HGM	278	U02	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-F	-	-	68	-	308	-	94	-
HGM	278	UHY	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-F	33	-	-	-	-	-	-	-
HGM	278	V01	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-F	27	-	176	72	314	857	355	370
HGM	278	V02	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-F	27	-	44	-	210	658	228	240
HGM	280	U01	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	41	716	43	-	-	-	11	-
HGM	280	U02	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	711	1,379	111	1,579	12	(363)	335	350
HGM	280	UHY	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	-	53	1,336	41	-	-	344	360
HGM	280	V01	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	885	1,324	863	-	-	-	216	220
HGM	280	V02	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	2,542	9,502	322	-	-	-	81	-
HGM	280	V02	NS	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	-	-	-	-	-	5,499	1,375	1,430
HGM	280	VHY	NE	NHGZZZZZ	201	Maint Renew Energy & Rel Eq-C	-	131	125	135	-	-	65	-
HGM	353	ANS	NE	NHGZZZZZ	201	Maint Substation Trans Structur	-	-	-	137	-	-	34	-
HGM	789	ANS	NE	NHGZZZZZ	201	Attend Training	51	-	-	4,347	-	-	1,087	1,130
HGM	789	ANS	NS	NHGZZZZZ	201	Attend Training	17	-	-	-	-	-	-	-
HGM	789	RST	NE	NHGZZZZZ	201	Attend Training	-	-	-	18	-	123	35	-
HGM	797	ANS	NE	NHGZZZZZ	201	Attend Safety Training	-	179	10	20	-	-	7	-
HGM	797	RST	NE	NHGZZZZZ	201	Attend Safety Training	-	-	-	-	-	14	4	-
HGM	842	RST	NE	NHGZZZZZ	201	Order Materials, Eq, Supplies &	176	-	-	-	-	-	-	-
HGM	850	HEL	NC	NHGZZZZZ	201	Process Material & Transactions	-	-	-	4,431	-	-	1,108	1,150
HGM	851	HEL	NC	NHGZZZZZ	201	Reclaim/Refurbish Materials-Sto	-	-	1,368	-	-	-	342	360
HGM	853	HEL	NC	NHGZZZZZ	201	Perform Inventory Control for Ma	-	-	-	976	-	-	244	250
HGM	866	SST	NE	NHGZZZZZ	201	Apply for & Obt Envir Permits-W	34	-	-	-	-	-	-	-
HGM	875	SST	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	4,191	-	1,048	1,090
HGM	876	SST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGM	877	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	631	-	271	-	-	-	68	-
HGM	878	ANS	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	5	-	45	-	-	-	11	-
HGM	931	ANS	NE	NHGZZZZZ	201	Care for Buildings & Grounds	-	-	399	-	-	382	195	200
HGM	931	RST	NE	NHGZZZZZ	201	Care for Buildings & Grounds	-	-	399	-	-	-	100	-
HGM	932	RST	NE	NHGZZZZZ	201	Repair Buildings & Grounds	-	-	-	-	280	-	70	-
HGM	934	RST	NE	NHGZZZZZ	201	Provide & Manage Services-Cus	-	-	-	-	-	714	179	190
HGM	943	HEL	NC	NHGZZZZZ	201	Manage Vehicle Fueling	-	-	3	-	-	-	1	-
							682,767	751,267	516,943	600,515	624,631	882,453	708,136	762,810
HGP	220	P01	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	-	-	16,897	4,224	4,400
HGP	220	P01	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	-	-	-	-	-
HGP	220	P03	NE	NHGZZZZZ	201	Manage Fuel Supply Procureme	-	-	-	1,546	1,397	-	736	770
HGP	230	P03	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	360	90	-
HGP	241	P01	NE	NHGZZZZZ	201	Operate & Monitor Fuel Feed Sy	1,494	-	-	-	-	-	-	-
HGP	242	P01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	10,769	10,134	12,617	24,786	19,260	11,953	17,154	17,880
HGP	242	P01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Round	-	-	-	-	-	-	-	3,490
HGP	242	PST	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	348	-	-	-	101	136	59	-
HGP	244	P03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	4,013	79,839	16,989	22,577	12,479	26,625	19,668	20,500
HGP	244	P03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGP	245	P01	NE	NHGZZZZZ	201	Mon Plt/Oprnl Performance-Boil	672	901	-	-	-	-	-	-
HGP	247	P03	NE	NHGZZZZZ	201	Mon Plt/Oprnl Perform-NonStea	1,900	1,982	-	-	-	-	-	-
HGP	248	P01	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	45,135	73,443	63,968	76,197	51,344	62,982	63,623	66,320

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RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
HGP	248	P01	NE	NHGZZZZZ	201	Perf Water Treatment & Analys	-	-	-	-	-	-	-	66,230
HGP	248	P03	NE	NHGZZZZZ	201	Perf Water Treatment & Analysis	32,420	21,489	19,113	36,414	19,129	8,352	20,752	21,630
HGP	248	P03	NE	NHGZZZZZ	201	Perf Water Treatment & Analys	-	-	-	-	-	-	-	8,630
HGP	259	P01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	2,041	-	1,333	-	386	12,953	3,668	3,820
HGP	259	P01	NE	NHGZZZZZ	201	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGP	262	P01	NE	NHGZZZZZ	201	Maint Steam TurboGen & Rel Eq	2,266	-	-	-	1,561	5,809	1,843	1,920
HGP	265	PST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	4,597	313	-	8	1,229	1,280
HGP	265	PST	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGP	265	PT2	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	1,360	-	-	-	-	-	-	-
HGP	265	PTF	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	4,087	-	-	1,022	1,060
HGP	265	PWV	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	102	26	-
HGP	266	PWV	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	325	-	-	81	-
HGP	268	P03	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	-	-	91	-	-	23	-
HGP	271	P01	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	141	-	35	-
HGP	272	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	1,092	-	-	-	-	-	-	-
HGP	274	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	24,177	1,650	5,002	-	2,637	6,326	3,491	3,640
HGP	274	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGP	875	P01	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	11,739	(11,739)	-	-	-	-	-	-
HGP	875	P03	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	1,620	65	-	-	1,386	363	380
HGP	875	P03	NS	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	630	-	-	-	-	-	-	-
HGP	877	P01	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	606	-	1,044	-	2,043	772	800
HGP	877	P03	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	20	-	-	-	-	-	-	-
HGP	878	P01	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	-	171	43	-
HGP	931	PST	NE	NHGZZZZZ	201	Care for Buildings & Grounds	2	-	250	-	-	-	62	-
HGP	934	P03	NE	NHGZZZZZ	201	Provide & Manage Services-Cus	197	-	-	-	-	-	-	-
HGP	934	PST	NE	NHGZZZZZ	201	Provide & Manage Services-Cus	130	-	-	-	-	-	-	-
							140,403	179,925	123,933	167,379	108,435	156,103	138,962	222,750
HGT	211	RST	NS	NHGZZZZZ	201	Engr, Design & Manage Projects	-	-	-	-	508	384	223	230
HGT	211	RST	NS	NHGZZZZZ	201	Engr, Design & Manage Projects	-	-	-	-	-	-	-	-
HGT	230	RST	NE	NHGZZZZZ	201	Mnge O&M Fuel Facil	-	-	-	-	-	509	127	130
HGT	275	A11	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	4,418	-	1,105	1,150
HGT	875	RST	NS	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGT	876	ANS	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	-	-	-	701	175	180
HGT	876	RST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	-	-	-	235	290	-	131	140
HGT	877	P01	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	735	-	184	190
HGT	877	RST	NS	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGT	878	ANS	NS	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	-	74	19	-
HGT	878	RST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	172	-	43	-
							-	-	-	235	6,123	1,668	2,006	2,020
HGW	242	S01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	50	269	744	1,329	-	-	518	540
HGW	242	S03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	4,850	4,194	1,300	3,672	9,372	2,578	4,230	4,410
HGW	242	S03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGW	242	S04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	4,543	4,644	1,318	3,212	7,442	11,395	5,842	6,090
HGW	242	SST	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Round	1,897	1,392	300	1,696	-	-	499	7,050
HGW	243	S03	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	336	-	-	-	-	-	-

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RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast
										Retired				
HGW	243	S04	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	336	-	-	-	-	-	-
HGW	245	S01	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	17	-	-	-	-	-	-	-
HGW	245	S03	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	236	305	-	-	-	-	-	-
HGW	245	S04	NE	NHGZZZZZ	201	Mon Plt/Opml Performance-Boil	235	293	-	-	-	-	-	-
HGW	248	S01	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	-	2,584	-	-	-	-	-	-
HGW	248	S03	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	15,118	11,970	2,472	16,607	20,067	12,271	12,854	13,400
HGW	248	S03	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	-	-	-	-	-	-	-	-
HGW	248	S04	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	15,193	11,966	2,472	16,614	20,097	10,436	12,405	12,930
HGW	248	S04	NE	NHGZZZZZ	201	Perf Water Treatment & Analysi	-	-	-	-	-	-	-	-
HGW	248	SST	NE	NHGZZZZZ	201	Perf Water Treatment & Analys	427	2,155	-	-	-	-	-	28,190
HGW	263	SWT	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	348	-	-	-	-	-	-
HGW	268	SWT	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	1,105	-	-	-	-	-	-
HGW	866	SST	NE	NHGZZZZZ	201	Apply for & Obt Envir Permits-W	-	296	-	-	-	-	-	-
HGW	875	SST	NE	NHGZZZZZ	201	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGW	876	SST	NE	NHGZZZZZ	201	Comply Ongoing-Wastewater	1,055	2,790	-	-	-	169	42	-
HGW	877	SST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	479	1,102	-	-	-	-	-	-
HGW	877	SST	NE	NHGZZZZZ	201	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
							44,099	46,086	8,605	43,130	56,978	36,849	36,391	72,610
													Based on PY	
HGX	244	A01	NE	NHGZZZZZ	201	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGX	263	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	263	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	263	P03	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	11,920	4,626	4,137	4,820
HGX	263	P03	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	ANS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	BNS	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	PT2	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	39,175	9,794	40,840
HGX	265	PT2	NE	NHGZZZZZ	201	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	266	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	72,335	103,014	43,837	107,380
HGX	266	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-
HGX	266	BNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	92,910	23,228	96,850
HGX	267	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-
HGX	267	BNS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-P	-	-	-	-	-	-	-	-
HGX	268	ANS	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	-	-	-	-	-	-	-
HGX	268	P03	NE	NHGZZZZZ	201	Maint St Common Misc Equip-C	-	-	-	-	799	11,641	3,110	12,130
HGX	269	A15	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	-	-	-	-	-	-	-	-
HGX	269	P03	NE	NHGZZZZZ	201	Maint Fuel Feed System-Preven	-	-	-	-	-	-	-	-
HGX	271	A15	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	271	A16	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	271	A17	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	271	ANS	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	271	P03	NE	NHGZZZZZ	201	Maint Fuel Feed System-Correct	-	-	-	-	184	19,519	4,926	20,350
HGX	272	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	47,838	11,960	64,870
HGX	272	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGX	272	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	17,324	4,331	18,060
HGX	272	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGX	273	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-

p.7

p.7

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	ation (2004 1.0424 2006 Forecast	
HGX	274	A01	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	5	-	1	-	
HGX	274	P03	NE	NHGZZZZZ	201	Maint Combust Turbine & Elec E	-	-	-	-	4,205	71,770	18,994	74,810	p.7 (2)
HGX	275	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	A16	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	275	C21	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	3,185	796	3,320	
HGX	275	C22	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	3,185	796	3,320	
HGX	276	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-	
HGX	276	ANS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	193,706	48,427	201,920	p.7 (2)
HGX	276	ANS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-	
HGX	277	A01	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	756	189	790	
HGX	277	A11	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	4,574	-	1,144	-	
HGX	277	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	2,081	18,062	5,036	18,830	
HGX	277	A15	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	A16	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	2,081	18,062	5,036	18,830	
HGX	277	A16	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	2,081	18,777	5,215	19,570	
HGX	277	A17	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	ANS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	580	3,513	1,023	3,660	
HGX	277	ANS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	1,959	17,807	4,942	18,560	
HGX	277	B12	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,959	17,002	4,740	17,720	
HGX	277	B13	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-	
HGX	277	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	2,081	18,534	5,154	19,320	
HGX	277	B14	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	BNS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	86	1,675	440	1,750	
HGX	277	BNS	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	-	-	-	
HGX	277	C23	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-	
HGX	277	D24	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	579	145	600	
HGX	277	D25	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	10	3	-	
HGX	277	D26	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	487	122	510	
HGX	277	D27	NE	NHGZZZZZ	201	Maint Int Combust Eng & Rel Eo	-	-	-	-	-	10	3	-	
HGX	931	ANS	NE	NHGZZZZZ	201	Care for Buildings & Grounds	-	-	-	-	-	-	-	-	
							-	-	-	-	106,930	723,167	207,524	768,810	
						Total w/ Chems & Lube Oil	1,560,227	1,813,372	1,075,863	1,287,317	1,528,888	2,553,262		2,613,810	

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HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Boiler Chemicals Consumption - Steam
Operating Forecast 2006-2007

Account Description	Naruc	Code Block	Fcst Ann Net MWH (a)	Fcst $/MWH (b)	(a x b)	Estim Blr Chem Cost
2006 YEAR						
Op Boiler Chem - Shipman			10,333	3.4101	35,237	
Steam Chem - 10%	502210	HGW 242 SST NE NHGZZZZZ 201				7,050
Water Chem - 90%	502210	HGW 248 SST NE NHGZZZZZ 201				28,190
Op Boiler Chem - Hill			225,807	0.3782	85,401	
Steam Chem - 15%	502220	HGH 242 RST NE NHGZZZZZ 201				17,090
Water Chem - 85%	502220	HGH 248 RST NE NHGZZZZZ 201				68,330
Op Boiler Chem - Puna			72,693	0.9590	69,709	
Steam Chem - 5%	502230	HGP 242 P01 NE NHGZZZZZ 201				3,490
Water Chem - 95%	502230	HGP 248 P01 NE NHGZZZZZ 201				66,230
Total			308,833		190,347	190,380
2007 YEAR						
Op Boiler Chem - Shipman			7,981	3.4101	27,216	
Steam Chem - 10%	502210	HGW 242 SST NE NHGZZZZZ 201				5,450
Water Chem - 90%	502210	HGW 248 SST NE NHGZZZZZ 201				21,780
Op Boiler Chem - Hill			225,830	0.3782	85,410	
Steam Chem - 15%	502220	HGH 242 RST NE NHGZZZZZ 201				17,090
Water Chem - 85%	502220	HGH 248 RST NE NHGZZZZZ 201				68,330
Op Boiler Chem - Puna			72,584	0.9590	69,605	
Steam Chem - 5%	502230	HGP 242 P01 NE NHGZZZZZ 201				3,490
Water Chem - 95%	502230	HGP 248 P01 NE NHGZZZZZ 201				66,130
Total			306,395		182,231	182,270

(2) p. 1

(2) p. 1

Note: Steam & Water Chem allocation based on recorded.

Source: 2006/2007 Fuel Forecast dated 4/8/05.

Annual Historical Costs		1999	2000	2001	2002	2003	2004	RATE
Shipman	cost	$31,169	$25,331	$6,621	$ 33,714	$ 42,254	$ 22,408	use 2004
	net mwh	46,306	38,045	1,039	16,539	7,696	6,571	
	cost/mwh	0.6731	0.6658	6.3744	2.0385	5.4904	3.4101	**3.4101**
Hill	cost	$27,962	$31,321	$48,854	$ 68,809	$ 47,633	$ 71,673	use 2004
	net mwh	257,501	240,929	225,039	212,548	201,408	189,509	
	cost/mwh	0.1086	0.1300	0.2171	0.3237	0.2365	0.3782	**0.3782**
Puna	cost	$56,151	$73,462	$65,697	$ 78,089	$ 57,637	$ 67,724	use 2004
	net mwh	95,037	90,754	78,783	71,799	76,757	70,623	
	cost/mwh	0.5908	0.8095	0.8339	1.0876	0.7509	0.9590	**0.9590**
Total Steam	cost	$115,282	$130,114	$121,172	$180,612	$147,524	$ 161,805	

Source FSM905R & 1652 Work Order Detail (DARS)

201 Matls.xls
4/21/05

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Demineralized ChemicalsConsumption - CTs
Operating Forecast 2006-2007

Demineral Matl Expense	Naruc	Code Block	Fcst Ann Net MWH (a)	Fcst $/MWH (b)	Estim Demin Cost (a x b) round up
2006 YEAR					
Puna CT3	548300	HGP 248 P03 NE NHGZZZZZ 201	22,708	0.3796	8,630
Keahole CT2	548290	HGK 248 C02 NE NHGZZZZZ 201	5,793	0.2072	1,210
Keahole CT4	548310	HGK 248 C04 NE NHGZZZZZ 201	81,653	0.2072	16,920
Keahole CT5	548320	HGK 248 C05 NE NHGZZZZZ 201	39,825	0.2072	8,260
			149,979		35,020
2007 YEAR					
Puna CT3	548300	HGP 248 P03 NE NHGZZZZZ 201	26,641	0.3796	10,120
Keahole CT2	548290	HGK 248 C02 NE NHGZZZZZ 201	8,470	0.2072	1,760
Keahole CT4	548310	HGK 248 C04 NE NHGZZZZZ 201	80,531	0.2072	16,690
Keahole CT5	548320	HGK 248 C05 NE NHGZZZZZ 201	40,327	0.2072	8,360
			155,969		36,930

Source: 2006/2007 Fuel Forecast dated 4/8/05.

Annual Historical Costs

Puna - CT3	1999	2000	2001	2002	2003	2004		
cost	$31,329	$20,998	$18,696	$36,374	$19,130	$8,353		
net MWH	113,037	112,020	25,861	81,677	45,241	30,853		
cost/MWH	0.277	0.187	0.723	0.445	0.423	0.271	**0.3796**	use 2002-2004 avg
					lower gener.			

charged to: 1995-1998 54930 GP 54913 G71 201
1999 548300 HGP 248 P03 NE NHGZZZZZZ 201

Keahole - CT2	1999	2000	2001	2002	2003	2004		
cost	$151,183	$37,657	$22,364	$7,122	$3,487	$12,493		
net MWH	46,680	67,281	33,008	45,728	50,217	31,518		
cost/MWH	3.239	0.560	0.678	0.156	0.069	0.396	**0.2072**	use 2002-2004 avg

Keahole - CT4	2004		
cost	$0		
net MWH	37,857		
cost/MWH	0.000	**0.2072**	use CT2

Keahole - CT5	2004		
cost	$0		
net MWH	28,309		
cost/MWH	0.000	**0.2072**	use CT2

201 Matls.xls
4/21/05

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Lube Oil - Diesels
Operating Forecast 2006-2007

Lube Oil	Naruc	Code Block	Fcst Ann Net MWH (a)	Estim Gal / Hr (b)	Estim Gals Consumed (c) (a x b)	Cost/Gal (d)	Estim Cost (c x d)
2006 YEAR							
Kanoelehua	548260	HGH 244 ANS NE NHGZZZZZ 201	2,082	1.78	3,702	$ 4.58	$16,950
Keahole	548280	HGK 244 CNS NE NHGZZZZZ 201	3,008	1.53	4,594	$ 4.65	$21,390
Waimea	548250	HGK 244 BNS NE NHGZZZZZ 201	3,224	1.61	5,183	$ 4.66	$24,180
			8,314		13,479		$62,520
2007 YEAR							
Kanoelehua	548260	HGH 244 ANS NE NHGZZZZZ 201	3,306	1.78	5,878	$ 4.58	$26,910
Keahole	548280	HGK 244 CNS NE NHGZZZZZ 201	4,058	1.53	6,197	$ 4.65	$28,850
Waimea	548250	HGK 244 BNS NE NHGZZZZZ 201	4,923	1.61	7,914	$ 4.66	$36,920
			12,287		19,990		$92,680

Annual Historical Cost

		2000	2001	2002	2003	2004	Total	
Kanoelehua	Gallons	14,651	3,850	4,237	2,706	1,005	26,449	WO:PR000009
	Run hours	8,416	1,475	2,396	1,536	1,053	14,876	Gen Rept
	Gals/Hr	1.74	2.61	1.77	1.76	0.95	1.78	(b)
	Cost	$65,142	$17,739	$19,781	$12,874	$5,515	$121,051	WO:PR000009
	Cost/Gal	$ 4.45	$ 4.61	$ 4.67	$ 4.76	$ 5.49	$ 4.58	(d)
Keahole	Gallons	33,197	10,789	9,626	8,470	5,005	67,087	WO:PR000010
	Run hours	21,345	6,068	5,530	5,715	5,269	43,927	Gen Rept
	Gals/Hr	1.56	1.78	1.74	1.48	0.95	1.53	(b)
	Cost	$150,741	$49,858	$45,017	$41,202	$25,405	$312,224	WO:PR000010
	Cost/Gal	$ 4.54	$ 4.62	$ 4.68	$ 4.86	$ 5.08	$ 4.65	(d)
Waimea	Gallons	11,795	1,540	7,707	6,029	4,231	31,302	WO:PR000011
	Run hours	6,702	1,385	3,913	3,522	3,949	19,471	Gen Rept
	Gals/Hr	1.76	1.11	1.97	1.71	1.07	1.61	(b)
	Cost	$52,201	$7,803	$33,212	$30,968	$21,829	$146,013	WO:PR000011
	Cost/Gal	$ 4.43	$ 5.07	$ 4.31	$ 5.14	$ 5.16	$ 4.66	(d)

Source: 2006/2007 Fuel Forecast dated 4/8/05.

NonLabor Input Sheet - NonProject/NonProgram
2006

Materials (205)

Resp Area (RA) _____

Prepared by kklein

Date 3/23/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Administer 'As Available' Cor	HGA	120	HEL	NS	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Administer 'Firm Capacity' C	HGA	121	HEL	NS	NHGZZZZZ	205	430	No escalation	36	36	36	36	36	36	36	36	36	36	36	34	430
Evaluate & Negotiate New C	HGA	122	HEL	NS	NHGZZZZZ	205	400	No escalation	33	33	33	33	33	33	33	33	33	33	33	37	400
Manage Fuel Supply Procure	HGA	220	RST	NS	NHGZZZZZ	205	230	No escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Develop & Maintain Policies	*HGA*	*240*	*ANS*	*NE*	*NHGZZZZZ*	*205*	*9850*	*No escalation*	*821*	*821*	*821*	*821*	*821*	*821*	*821*	*821*	*821*	*821*	*821*	*819*	*9,850*
Develop & Maintain Policies	HGA	240	CNS	NS	NHGZZZZZ	205	280	No escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Mon Plt/Opml Performance-I	HGA	245	RST	NS	NHGZZZZZ	205	1060	No escalation	88	88	88	88	88	88	88	88	88	88	88	92	1,060
Develop & Administer Busine	HGA	700	HPM	NS	NHGZZZZZ	205	580	No escalation	48	48	48	48	48	48	48	48	48	48	48	52	580
Develop & Administer Busine	HGA	700	HPO	NS	NHGZZZZZ	205	3000	No escalation	250	250	250	250	250	250	250	250	250	250	250	250	3,000
Prepare & Support Othr PUC	HGA	738	HPO	NS	NHGZZZZZ	205	390	No escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	205	2530	No escalation	211	211	211	211	211	211	211	211	211	211	211	209	2,530
Attend Training	HGA	789	RST	NS	NHGZZZZZ	205	970	No escalation	81	81	81	81	81	81	81	81	81	81	81	79	970
Manage BU & Othr Labor Ag	HGA	805	HPM	NS	NHGZZZZZ	205	350	No escalation	29	29	29	29	29	29	29	29	29	29	29	31	350
Manage BU & Othr Labor Ag	HGA	805	HPO	NS	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Comply Ongoing Permit/Reg	HGA	875	RST	NS	NHGZZZZZ	205	850	No escalation	71	71	71	71	71	71	71	71	71	71	71	69	850
Comply Ongoing-Wastewate	HGA	876	HPO	NS	NHGZZZZZ	205	510	No escalation	43	43	43	43	43	43	43	43	43	43	43	37	510
Comply Ongoing-Wastewate	HGA	876	RST	NS	NHGZZZZZ	205	860	No escalation	72	72	72	72	72	72	72	72	72	72	72	68	860
Comply Ongoing-Solid & Haz	HGA	877	RST	NS	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Comply Ongoing-Solid & Haz	*HGA*	*878*	*RST*	*NS*	*NHGZZZZZ*	*205*	*390*	*No escalation*	*33*	*33*	*33*	*33*	*33*	*33*	*33*	*33*	*33*	*33*	*33*	*27*	*390*
							23400	No escalation	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	23,400
Op & Mon Plt Eq (Make Rout	HGC	244	CNS	NE	NHGZZZZZ	205	680	No escalation	57	57	57	57	57	57	57	57	57	57	57	53	680
Attend Training	HGC	789	CNS	NE	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Attend Training	HGC	789	CNS	NS	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Comply Ongoing Permit/Reg	HGC	875	CNS	NE	NHGZZZZZ	205	230	No escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Comply Ongoing-Solid & Haz	HGC	878	CNS	NE	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
							1260	No escalation	105	105	105	105	105	105	105	105	105	105	105	105	1,260
Manage Fuel Supply Procure	HGH	220	RST	NE	NHGZZZZZ	205	150	No escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Op & Mon Plt Eq (Make Rout	HGH	242	R05	NE	NHGZZZZZ	205	830	No escalation	69	69	69	69	69	69	69	69	69	69	69	71	830
Op & Mon Plt Eq (Make Rout	HGH	242	R06	NE	NHGZZZZZ	205	5190	No escalation	433	433	433	433	433	433	433	433	433	433	433	427	5,190
Op & Mon Plt Eq (Make Rout	HGH	242	RST	NE	NHGZZZZZ	205	3260	No escalation	272	272	272	272	272	272	272	272	272	272	272	268	3,260
Op & Mon Plt Eq (Make Rout	HGH	244	A01	NE	NHGZZZZZ	205	190	No escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
Maint Boiler Plt & Rel Eq-Cor	HGH	259	R05	NE	NHGZZZZZ	205	420	No escalation	35	35	35	35	35	35	35	35	35	35	35	35	420

NonLabor Input Sheet - NonProject/NonProgram
2006

Materials (205)

Resp Area (RA) _____

Prepared by kklein

Date 3/23/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Boiler Plt & Rel Eq-Co	HGH	259	R06	NE	NHGZZZZZ	205	170	No escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Maint Stn Common Struct &	HGH	265	ANS	NE	NHGZZZZZ	205	440	No escalation	37	37	37	37	37	37	37	37	37	37	37	33	440
Maint Stn Common Struct &	HGH	265	RST	NE	NHGZZZZZ	205	380	No escalation	32	32	32	32	32	32	32	32	32	32	32	28	380
Attend Safety Training	HGH	797	HEL	NE	NHGZZZZZ	205	170	No escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Comply Ongoing-Wastewate	HGH	876	RST	NE	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Comply Ongoing-Solid & Haz	HGH	877	P01	NE	NHGZZZZZ	205	270	No escalation	23	23	23	23	23	23	23	23	23	23	23	17	270
Comply Ongoing-Solid & Haz	HGH	877	RST	NE	NHGZZZZZ	205	360	No escalation	30	30	30	30	30	30	30	30	30	30	30	30	360
Comply Ongoing-Solid & Haz	HGH	877	RST	NS	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Comply Ongoing-Solid & Haz	HGH	878	RST	NE	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
							12420	No escalation	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	12,420
Maint Stn Common Struct &	HGK	263	CNS	NE	NHGZZZZZ	205	22710	No escalation	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,887	22,710
Maint Stn Common Struct &	HGK	263	CWT	NE	NHGZZZZZ	205	2950	No escalation	246	246	246	246	246	246	246	246	246	246	246	244	2,950
Maint Stn Common Struct &	HGK	264	CWT	NE	NHGZZZZZ	205	1190	No escalation	99	99	99	99	99	99	99	99	99	99	99	101	1,190
Maint St Common Misc Equi	HGK	266	CNS	NE	NHGZZZZZ	205	5360	No escalation	447	447	447	447	447	447	447	447	447	447	447	443	5,360
Maint Fuel Feed System-Pre	HGK	269	CNS	NE	NHGZZZZZ	205	2010	No escalation	168	168	168	168	168	168	168	168	168	168	168	162	2,010
Maint Combust Turbine & El	HGK	272	C02	NE	NHGZZZZZ	205	880	No escalation	73	73	73	73	73	73	73	73	73	73	73	77	880
Maint Combust Turbine & El	HGK	273	C02	NE	NHGZZZZZ	205	210	No escalation	18	18	18	18	18	18	18	18	18	18	18	12	210
Maint Combust Turbine & El	HGK	274	C02	NE	NHGZZZZZ	205	320	No escalation	27	27	27	27	27	27	27	27	27	27	27	23	320
Maint Combust Turbine & El	HGK	274	C04	NE	NHGZZZZZ	205	500	No escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Maint Int Combust Eng & Re	HGK	275	C21	NE	NHGZZZZZ	205	450	No escalation	38	38	38	38	38	38	38	38	38	38	38	32	450
Maint Int Combust Eng & Re	HGK	275	C22	NE	NHGZZZZZ	205	1060	No escalation	88	88	88	88	88	88	88	88	88	88	88	92	1,060
Maint Int Combust Eng & Re	HGK	275	D25	NE	NHGZZZZZ	205	170	No escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Maint Int Combust Eng & Re	HGK	275	D27	NE	NHGZZZZZ	205	310	No escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Maint Int Combust Eng & Re	HGK	276	C21	NE	NHGZZZZZ	205	430	No escalation	36	36	36	36	36	36	36	36	36	36	36	34	430
Maint Int Combust Eng & Re	HGK	276	C22	NE	NHGZZZZZ	205	560	No escalation	47	47	47	47	47	47	47	47	47	47	47	43	560
Maint Int Combust Eng & Re	HGK	276	C23	NE	NHGZZZZZ	205	500	No escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Maint Int Combust Eng & Re	HGK	277	D27	NE	NHGZZZZZ	205	480	No escalation	40	40	40	40	40	40	40	40	40	40	40	40	480
Attend Training	HGK	789	CNS	NE	NHGZZZZZ	205	510	No escalation	43	43	43	43	43	43	43	43	43	43	43	37	510
							40600	No escalation	3,383	3,383	3,383	3,383	3,383	3,383	3,383	3,383	3,383	3,383	3,383	3,387	40,600
Maint Boiler Plt & Rel Eq-Pre	HGM	257	R06	NE	NHGZZZZZ	205	290	No escalation	24	24	24	24	24	24	24	24	24	24	24	26	290
Maint Boiler Plt & Rel Eq-Co	HGM	259	P01	NE	NHGZZZZZ	205	3650	No escalation	304	304	304	304	304	304	304	304	304	304	304	306	3,650
Maint Boiler Plt & Rel Eq-Co	HGM	259	R05	NE	NHGZZZZZ	205	2190	No escalation	183	183	183	183	183	183	183	183	183	183	183	177	2,190
Maint Boiler Plt & Rel Eq-Co	HGM	259	R06	NE	NHGZZZZZ	205	1960	No escalation	163	163	163	163	163	163	163	163	163	163	163	167	1,960
Maint Boiler Plt & Rel Eq-Co	HGM	259	S03	NE	NHGZZZZZ	205	720	No escalation	60	60	60	60	60	60	60	60	60	60	60	60	720

NonLabor Input Sheet - NonProject/NonProgram
2006

Materials (205)

Resp Area (RA) _____

Prepared by kklein

Date 3/23/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Boiler Ptt & Rel Eq-Cor	HGM	259	S04	NE	NHGZZZZZ	205	1220	No escalation	102	102	102	102	102	102	102	102	102	102	102	98	1,220
Maint Steam TurboGen & Re	HGM	262	R05	NE	NHGZZZZZ	205	810	No escalation	68	68	68	68	68	68	68	68	68	68	68	62	810
Maint Steam TurboGen & Re	HGM	262	R06	NE	NHGZZZZZ	205	220	No escalation	18	18	18	18	18	18	18	18	18	18	18	22	220
Maint Steam TurboGen & Re	HGM	262	SST	NE	NHGZZZZZ	205	1510	No escalation	126	126	126	126	126	126	126	126	126	126	126	124	1,510
Maint Stn Common Struct &	HGM	263	ANS	NE	NHGZZZZZ	205	1530	No escalation	128	128	128	128	128	128	128	128	128	128	128	122	1,530
Maint Stn Common Struct &	HGM	263	BNS	NE	NHGZZZZZ	205	320	No escalation	27	27	27	27	27	27	27	27	27	27	27	23	320
Maint Stn Common Struct &	HGM	263	P03	NE	NHGZZZZZ	205	700	No escalation	58	58	58	58	58	58	58	58	58	58	58	62	700
Maint Stn Common Struct &	HGM	263	SST	NE	NHGZZZZZ	205	160	No escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Maint Stn Common Struct &	HGM	265	ANS	NE	NHGZZZZZ	205	530	No escalation	44	44	44	44	44	44	44	44	44	44	44	46	530
Maint Stn Common Struct &	HGM	265	BNS	NE	NHGZZZZZ	205	160	No escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Maint Stn Common Struct &	HGM	265	CNS	NE	NHGZZZZZ	205	140	No escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Maint Stn Common Struct &	HGM	265	P01	NE	NHGZZZZZ	205	1400	No escalation	117	117	117	117	117	117	117	117	117	117	117	113	1,400
Maint Stn Common Struct &	HGM	265	PT2	NE	NHGZZZZZ	205	1250	No escalation	104	104	104	104	104	104	104	104	104	104	104	106	1,250
Maint Stn Common Struct &	HGM	265	PTF	NE	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Stn Common Struct &	HGM	265	PWW	NE	NHGZZZZZ	205	210	No escalation	18	18	18	18	18	18	18	18	18	18	18	12	210
Maint Stn Common Struct &	HGM	265	RST	NE	NHGZZZZZ	205	1590	No escalation	133	133	133	133	133	133	133	133	133	133	133	127	1,590
Maint Stn Common Struct &	HGM	265	RTF	NE	NHGZZZZZ	205	130	No escalation	11	11	11	11	11	11	11	11	11	11	11	9	130
Maint Stn Common Struct &	HGM	265	RW1	NE	NHGZZZZZ	205	400	No escalation	33	33	33	33	33	33	33	33	33	33	33	37	400
Maint Stn Common Struct &	HGM	265	RWT	NE	NHGZZZZZ	205	200	No escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Maint Stn Common Struct &	HGM	265	SST	NE	NHGZZZZZ	205	1290	No escalation	108	108	108	108	108	108	108	108	108	108	108	102	1,290
Maint Stn Common Struct &	HGM	265	SWT	NE	NHGZZZZZ	205	150	No escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Maint Stn Common Struct &	HGM	265	UHY	NE	NHGZZZZZ	205	180	No escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Maint Stn Common Struct &	HGM	265	VHY	NE	NHGZZZZZ	205	260	No escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Maint St Common Misc Equi	HGM	266	ANS	NE	NHGZZZZZ	205	14360	No escalation	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,193	14,360
Maint St Common Misc Equi	HGM	266	RST	NE	NHGZZZZZ	205	7970	No escalation	664	664	664	664	664	664	664	664	664	664	664	666	7,970
Maint St Common Misc Equi	HGM	266	SST	NE	NHGZZZZZ	205	180	No escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Maint St Common Misc Equi	HGM	268	SST	NE	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Fuel Feed System-Cor	HGM	271	A15	NE	NHGZZZZZ	205	190	No escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
Maint Fuel Feed System-Cor	HGM	271	A17	NE	NHGZZZZZ	205	450	No escalation	38	38	38	38	38	38	38	38	38	38	38	32	450
Maint Fuel Feed System-Cor	HGM	271	P01	NE	NHGZZZZZ	205	130	No escalation	11	11	11	11	11	11	11	11	11	11	11	9	130
Maint Fuel Feed System-Cor	HGM	271	P03	NE	NHGZZZZZ	205	200	No escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Maint Fuel Feed System-Cor	HGM	271	R05	NE	NHGZZZZZ	205	140	No escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Maint Fuel Feed System-Cor	HGM	271	R06	NE	NHGZZZZZ	205	150	No escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Maint Fuel Feed System-Cor	HGM	271	RST	NE	NHGZZZZZ	205	170	No escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Maint Combust Turbine & El	HGM	272	A01	NE	NHGZZZZZ	205	190	No escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
Maint Combust Turbine & El	HGM	272	C04	NE	NHGZZZZZ	205	640	No escalation	53	53	53	53	53	53	53	53	53	53	53	57	640

NonLabor Input Sheet - NonProject/NonProgram
2006

Materials (205)

Resp Area (RA) _____

Prepared by kklein

Date 3/23/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Combust Turbine & Ele	HGM	273	P03	NE	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Combust Turbine & Ele	HGM	274	A01	NE	NHGZZZZZ	205	250	No escalation	21	21	21	21	21	21	21	21	21	21	21	19	250
Maint Combust Turbine & Ele	HGM	274	P03	NE	NHGZZZZZ	205	2020	No escalation	168	168	168	168	168	168	168	168	168	168	168	172	2,020
Maint Int Combust Eng & Re	HGM	275	D24	NE	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Int Combust Eng & Re	HGM	277	A11	NE	NHGZZZZZ	205	440	No escalation	37	37	37	37	37	37	37	37	37	37	37	33	440
Maint Int Combust Eng & Re	HGM	277	A16	NE	NHGZZZZZ	205	340	No escalation	28	28	28	28	28	28	28	28	28	28	28	32	340
Maint Int Combust Eng & Re	HGM	277	D26	NE	NHGZZZZZ	205	130	No escalation	11	11	11	11	11	11	11	11	11	11	11	9	130
Maint Renew Energy & Rel E	HGM	278	V01	NE	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Maint Renew Energy & Rel E	HGM	280	U02	NE	NHGZZZZZ	205	710	No escalation	59	59	59	59	59	59	59	59	59	59	59	61	710
Maint Renew Energy & Rel E	HGM	280	V01	NE	NHGZZZZZ	205	330	No escalation	28	28	28	28	28	28	28	28	28	28	28	22	330
Maint Renew Energy & Rel E	HGM	280	V02	NE	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Renew Energy & Rel E	HGM	280	V02	NS	NHGZZZZZ	205	260	No escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Improve Business Processes	HGM	720	C02	NS	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Attend Training	HGM	789	ANS	NE	NHGZZZZZ	205	140	No escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Attend Training	HGM	789	HPM	NE	NHGZZZZZ	205	280	No escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Attend Training	HGM	789	HPM	NS	NHGZZZZZ	205	240	No escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Attend Training	HGM	789	RST	NE	NHGZZZZZ	205	420	No escalation	35	35	35	35	35	35	35	35	35	35	35	35	420
Attend Safety Training	HGM	797	RST	NE	NHGZZZZZ	205	180	No escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Comply Ongoing Permit/Reg	HGM	875	RST	NS	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
							54970	No escalation	4,581	4,581	4,581	4,581	4,581	4,581	4,581	4,581	4,581	4,581	4,581	4,273	54,664
Op & Mon Plt Eq (Make Rou	HGP	242	P01	NE	NHGZZZZZ	205	3060	No escalation	255	255	255	255	255	255	255	255	255	255	255	255	3,060
Op & Mon Plt Eq (Make Rou	HGP	244	P03	NE	NHGZZZZZ	205	810	No escalation	68	68	68	68	68	68	68	68	68	68	68	62	810
Maint Boiler Plt & Rel Eq-Co	HGP	259	P01	NE	NHGZZZZZ	205	450	No escalation	38	38	38	38	38	38	38	38	38	38	38	32	450
Maint Stn Common Struct &	HGP	265	PST	NE	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Stn Common Struct &	HGP	265	PTF	NE	NHGZZZZZ	205	140	No escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
							4570	No escalation	381	381	381	381	381	381	381	381	381	381	381	379	4,570
Manage Fuel Supply Procure	HGT	220	RST	NS	NHGZZZZZ	205	190	No escalation	16	16	16	16	16	16	16	16	16	16	16	14	190
Mnge Procurmt of Fuel Tmsp	HGT	222	RST	NE	NHGZZZZZ	205	110	No escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Mnge Procurmt of Fuel Tmsp	HGT	222	RST	NS	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Mnge O&M Fuel Facil	HGT	230	RST	NS	NHGZZZZZ	205	160	No escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Attend Training	HGT	789	HPO	NS	NHGZZZZZ	205	170	No escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Comply Ongoing Permit/Reg	HGT	875	RST	NS	NHGZZZZZ	205	280	No escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Comply Ongoing-Wastewate	HGT	876	RST	NS	NHGZZZZZ	205	280	No escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Comply Ongoing-Solid & Haz	HGT	877	RST	NS	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120

NonLabor Input Sheet - NonProject/NonProgram
2006

Materials (205)
Resp Area (RA) ____

Prepared by kklein
Date 3/23/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Comply Ongoing-Solid & Haz	HGT	878	ANS	NS	NHGZZZZZ	205	120	No escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
							1550	No escalation	129	129	129	129	129	129	129	129	129	129	129	131	1,550
Op & Mon Plt Eq (Make Rout	HGW	242	S03	NE	NHGZZZZZ	205	900	No escalation	75	75	75	75	75	75	75	75	75	75	75	75	900
Op & Mon Plt Eq (Make Rout	HGW	242	S04	NE	NHGZZZZZ	205	280	No escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Op & Mon Plt Eq (Make Rout	HGW	242	SST	NE	NHGZZZZZ	205	420	No escalation	35	35	35	35	35	35	35	35	35	35	35	35	420
							1600	No escalation	133	133	133	133	133	133	133	133	133	133	133	137	1,600
Maint Stn Common Struct &	HGX	263	P03	NE	NHGZZZZZ	205	4910	No escalation	409	409	409	409	409	409	409	409	409	409	409	411	4,910
Maint St Common Misc Equi	HGX	266	ANS	NE	NHGZZZZZ	205	8290	No escalation	691	691	691	691	691	691	691	691	691	691	691	689	8,290
Maint Combust Turbine & El	HGX	272	A01	NE	NHGZZZZZ	205	3260	No escalation	272	272	272	272	272	272	272	272	272	272	272	268	3,260
Maint Int Combust Eng & Re	HGX	276	ANS	NE	NHGZZZZZ	205	640	No escalation	53	53	53	53	53	53	53	53	53	53	53	57	640
Attend Training	HGX	789	ANS	NE	NHGZZZZZ	205	670	No escalation	56	56	56	56	56	56	56	56	56	56	56	54	670
							17770	No escalation	1,481	1,481	1,481	1,481	1,481	1,481	1,481	1,481	1,481	1,481	1,481	1,479	17,770
						205 Tota	158140	No escalation	13,178	13,178	13,178	13,178	13,178	13,178	13,178	13,178	13,178	13,178	13,178	12,876	157,834

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGA	120	HEL	NE	NHGZZZZZ	205	Administer 'As Available' Contracts	-	491	-	-	-	-	-	-
HGA	120	HEL	NS	NHGZZZZZ	205	Administer 'As Available' Contracts	-	-	448	459	-	-	227	240
HGA	121	HEL	NS	NHGZZZZZ	205	Administer 'Firm Capacity' Contract	1	-	606	522	503	-	408	430
HGA	122	HEL	NS	NHGZZZZZ	205	Evaluate & Negotiate New Contract	-	-	-	-	-	-	-	-
HGA	122	HEL	NS	NHGZZZZZ	205	Evaluate & Negotiate New Contract	-	-	1,360	7	152	-	380	400
HGA	200	ANS	NS	NHGZZZZZ	205	Develop Generation Forecasts	-	-	480	-	-	-	120	-
HGA	220	ANS	NS	NHGZZZZZ	205	Manage Fuel Supply Procurement	-	-	-	488	-	-	122	-
HGA	220	RST	NS	NHGZZZZZ	205	Manage Fuel Supply Procurement	-	-	-	876	-	-	219	230
HGA	230	RST	NS	NHGZZZZZ	205	Mnge O&M Fuel Facil	-	500	-	-	-	-	-	-
HGA	231	RST	NS	NHGZZZZZ	205	Mnge Fuel Del Opns & Inventory Pl	-	415	-	-	-	-	-	-
HGA	240	ANS	NE	NHGZZZZZ	205	Develop & Maintain Policies & Proc	2,259	2,427	5,152	9,978	10,774	11,887	9,448	9,850
HGA	240	ANS	NE	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	-	-	-	-	-	-	-
HGA	240	ANS	NS	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	491	-	-	-	-	-	-
HGA	240	CNS	NS	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	-	-	-	-	1,078	270	280
HGA	240	CNS	NS	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	-	-	-	-	-	-	-
HGA	240	RST	NE	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	-	-	-	-	15	4	-
HGA	242	SST	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	61	-	-	-	-	-	-	-
HGA	245	RST	NE	NHGZZZZZ	205	Mon Plt/Oprnl Performance-Boiler I	128	22	252	19	323	83	169	-
HGA	245	RST	NS	NHGZZZZZ	205	Mon Plt/Oprnl Performance-Boiler I	-	-	-	15	3,223	818	1,014	1,060
HGA	256	ANS	NS	NHGZZZZZ	205	Plan/Schedule Maintenance & Con	-	-	-	-	-	-	-	-
HGA	265	ANS	NS	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	33	8	-
HGA	266	CNS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	-	(37)	(9)	-
HGA	300	HAK	NS	NHGZZZZZ	205	Perform Transmission Planning Stu	-	-	-	466	-	-	116	-
HGA	354	HAK	NS	NHGZZZZZ	205	Maint Transmission SCADA Syster	-	-	-	-	28	-	7	-
HGA	375	HEL	NS	NHGZZZZZ	205	Schedule Generation Resources	-	-	-	427	-	-	107	-
HGA	700	HPM	NS	NHGZZZZZ	205	Develop & Administer Business Pla	-	-	432	1,300	492	-	556	580
HGA	700	HPM	NS	NHGZZZZZ	205	Develop & Administer Business Pla	-	-	-	-	-	-	-	-
HGA	700	HPO	NS	NHGZZZZZ	205	Develop & Administer Business Pla	-	-	432	1,797	4,009	5,260	2,875	3,000
HGA	700	HPO	NS	NHGZZZZZ	205	Develop & Administer Business Pla	-	-	-	-	-	-	-	-
HGA	701	HPO	NS	NHGZZZZZ	205	Develop & Manage Forecasts	-	-	-	112	-	-	28	-
HGA	720	HPO	NS	NHGZZZZZ	205	Improve Business Processes	-	-	-	21	64	-	21	-
HGA	720	RST	NS	NHGZZZZZ	205	Improve Business Processes	-	-	6	-	-	-	1	-
HGA	730	HEL	NE	NHGZZZZZ	205	Research New Technology	-	-	-	-	34	-	9	-
HGA	730	HEL	NS	NHGZZZZZ	205	Research New Technology	-	-	-	-	138	-	35	-
HGA	738	HPO	NS	NHGZZZZZ	205	Prepare & Support Othr PUC Reg I	-	500	992	496	-	-	372	390
HGA	738	HPO	NS	NHGZZZZZ	205	Prepare & Support Othr PUC Reg I	-	-	-	-	-	-	-	-
HGA	785	HPO	NS	NHGZZZZZ	205	Plan for & Deter Emp Trng & Dev N	-	-	-	441	-	-	110	-

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGA	789	HPO	NS	NHGZZZZZ	205	Attend Training	-	-	920	1,255	49	7,468	2,423	2,530
HGA	789	HPO	NS	NHGZZZZZ	205	Attend Training	-	-	-	-	-	-	-	-
HGA	789	RST	NS	NHGZZZZZ	205	Attend Training	-	491	-	912	916	1,913	935	970
HGA	805	HPM	NS	NHGZZZZZ	205	Manage BU & Othr Labor Agreeme	-	-	-	1,300	39	-	335	350
HGA	805	HPO	NS	NHGZZZZZ	205	Manage BU & Othr Labor Agreeme	-	-	-	908	-	-	227	240
HGA	875	RST	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	218	26	503	111	-	160	-
HGA	875	RST	NS	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	818	2,320	114	828	7	817	850
HGA	876	HPO	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	101	386	365	383	813	487	510
HGA	876	P01	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	13	7	-	-	5	-
HGA	876	RST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	72	66	2,360	924	-	-	821	860
HGA	876	RST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGA	876	SST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	458	-	-	115	-
HGA	877	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	21	-	-	-	5	-
HGA	877	RST	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	424	1,068	472	-	453	-	231	240
HGA	878	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	113	43	-	-	39	-
HGA	878	RST	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	992	488	-	-	370	390
HGA	931	ANS	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	-	241	87	82	-
							2,943	7,604	17,782	24,698	22,760	29,425	23,666	23,400
HGC	244	CNS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	432	-	-	-	2,600	650	680
HGC	244	CNS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	-	-	-	-	-	-
HGC	247	C04	NS	NHGZZZZZ	205	Mon Plt/Oprnl Perform-NonSteam/(	-	-	-	-	-	7	2	-
HGC	789	CNS	NE	NHGZZZZZ	205	Attend Training	-	-	-	452	-	-	113	120
HGC	789	CNS	NS	NHGZZZZZ	205	Attend Training	-	-	-	-	444	-	111	120
HGC	875	CNS	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	432	456	-	-	222	230
HGC	878	CNS	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	418	-	-	-	105	110
							-	432	850	908	444	2,607	1,202	1,260
HGH	220	R06	NE	NHGZZZZZ	205	Manage Fuel Supply Procurement	-	-	-	-	-	224	56	-
HGH	220	RST	NE	NHGZZZZZ	205	Manage Fuel Supply Procurement	-	-	-	-	-	562	141	150
HGH	242	R05	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	682	1,186	1,786	915	44	443	797	830
HGH	242	R06	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	6,863	4,965	6,416	5,952	4,279	3,285	4,983	5,190
HGH	242	R06	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	-	-	-	-	-	-	-	-
HGH	242	RST	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	1,436	1,544	1,377	4,460	2,508	4,149	3,123	3,260
HGH	242	RST	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	-	-	-	-	-	-	-	-
HGH	244	A01	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	-	356	-	360	179	190
HGH	244	ANS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	-	-	116	17	33	-
HGH	245	RST	NE	NHGZZZZZ	205	Mon Plt/Oprnl Performance-Boiler I	142	-	-	-	-	-	-	-

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGH	248	RST	NE	NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	-	118	-	-	-	30	-
HGH	259	R05	NE	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	470	951	-	218	449	405	420
HGH	259	R05	NE	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGH	259	R06	NE	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	207	116	-	-	534	162	170
HGH	259	R06	NE	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGH	262	R05	NE	NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	-	126	32	-
HGH	262	R06	NE	NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	-	-	-	-
HGH	265	ANS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	602	1,689	14	-	-	426	440
HGH	265	RST	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	18	-	-	1,446	366	380
HGH	265	RST	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGH	277	A11	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	40	216	-	-	-	54	-
HGH	375	AOC	NE	NHGZZZZZ	205	Schedule Generation Resources	-	335	22	-	-	-	5	-
HGH	789	RST	NE	NHGZZZZZ	205	Attend Training	-	-	23	-	29	-	13	-
HGH	797	HEL	NE	NHGZZZZZ	205	Attend Safety Training	-	-	172	196	255	32	164	170
HGH	875	RST	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	145	357	7	-	-	91	-
HGH	876	P01	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	67	-	-	17	-
HGH	876	RST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	1,104	160	288	424	49	230	240
HGH	876	RST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGH	876	SST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	17	4	-
HGH	877	P01	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	-	1,046	262	270
HGH	877	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	776	530	228	77	560	349	360
HGH	877	RST	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	430	-	108	110
HGH	878	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	62	318	33	427	124	225	240
HGH	931	RST	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	-	10	20	8	-
							9,122	11,436	14,268	12,517	8,817	13,443	12,261	12,420
													(Actual py)	
HGK	244	CNS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	38	104	-	-	263	92	-
HGK	244	CNS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	-	-	-	-	-	-
HGK	247	C02	NE	NHGZZZZZ	205	Mon Plt/Oprnl Perform-NonSteam/(	174	-	-	-	-	-	-	-
HGK	248	C02	NE	NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	137	-	-	-	-	-	-
HGK	248	CNS	NE	NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	92	-	-	-	-	-	-
HGK	263	CNS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	190	896	1,086	4,384	6,967	21,784	8,555	22,710
HGK	263	CNS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	-	-	-	-	-	-	-	-
HGK	263	CWT	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	45	26	33	210	1,275	2,831	1,087	2,950
HGK	263	CWT	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	-	-	-	-	-	-	-	-
HGK	263	CWV	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	-	-	-	22	-	-	6	-
HGK	263	CWV	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	-	-	-	-	-	-	-	-
HGK	264	CWT	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-P	-	-	11	973	1,449	1,141	893	1,190

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGK	264	CWV	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	41	-	-	10	-
HGK	264	CWV	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	-	-	-	-	-
HGK	265	C02	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	48	12	-
HGK	265	C04	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	17	-	-	4	-
HGK	265	CNS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	482	630	202	-	-	-	50	-
HGK	265	CWT	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	336	70	11	370	83	-	116	-
HGK	265	CWT	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGK	266	CNS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Prev	10,766	9,222	3,455	4,946	807	5,142	3,587	5,360
HGK	268	CNS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Corr	-	-	45	-	-	-	11	-
HGK	268	CWT	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Corr	-	-	-	-	-	186	47	-
HGK	268	CWT	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Corr	-	-	-	-	-	-	-	-
HGK	269	CNS	NE	NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	-	-	-	4	-	1,928	483	2,010
HGK	269	CNS	NE	NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	-	-	-	-	-	-	-	-
HGK	270	CNS	NE	NHGZZZZZ	205	Maint Fuel Feed System-Predictive	-	53	-	-	-	-	-	-
HGK	271	CNS	NE	NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	66	-	-	-	17	-
HGK	271	P03	NE	NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	-	2	1	-
HGK	272	C02	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	688	551	1,444	843	882	880
HGK	272	C02	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGK	272	C04	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	144	36	-
HGK	272	C05	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	516	58	-	144	-
HGK	273	C02	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	68	-	927	237	205	342	210
HGK	273	C02	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGK	274	C02	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	398	171	478	-	-	308	197	320
HGK	274	C02	NS	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	25	-	-	-	-	-	-	-
HGK	274	C04	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	-	-	-	-	482	121	500
HGK	274	C04	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	-	-	-	-	-	-	-
HGK	274	C05	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	-	-	-	-	53	13	-
HGK	274	OUT	BE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	2,093	-	-	-	-	-	-
HGK	275	B12	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	53	7	-	15	-
HGK	275	B13	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	115	96	53	-
HGK	275	B14	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	24	85	-	27	-
HGK	275	C20	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	2	[illegible]
HGK	275	C21	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	431	108	450
HGK	275	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	10	54	1,021	271	1,060
HGK	275	C23	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	58	15	-
HGK	275	C23	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	-	-	-
HGK	275	D25	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	637	546	165	337	170
HGK	275	D27	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	1,274	301	394	310

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGK	276	B12	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	74	-	-	18	-
HGK	276	B13	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	45	-	-	11	-
HGK	276	B14	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	17	-	4	-
HGK	276	C18	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	8	2	-
HGK	276	C19	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	44	-	11	-
HGK	276	C20	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	87	62	-	37	-
HGK	276	C21	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	309	42	-	415	191	430
HGK	276	C21	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	-	-	-
HGK	276	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	105	65	47	537	189	560
HGK	276	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	-	-	-
HGK	276	C23	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	84	35	484	151	500
HGK	276	C23	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pr	-	-	-	-	-	-	-	-
HGK	277	C18	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	60	214	105	-	-	-	26	-
HGK	277	C19	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	724	1,181	-	488	598	-
HGK	277	C20	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	2,210	1,308	-	-	-	327	-
HGK	277	C21	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	421	232	-	228	-	-	57	-
HGK	277	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	60	355	1,291	423	-	-	428	-
HGK	277	C23	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	28	188	51	-	-	-	13	-
HGK	277	CNS	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	130	-	-	-	32	-
HGK	277	D25	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	175	-	-	-	-	-	-
HGK	277	D26	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	32	-	-	-	-	-	-	-
HGK	277	D27	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	101	-	-	-	463	116	480
HGK	789	CNS	NE	NHGZZZZZ	205	Attend Training	-	-	-	66	-	489	139	510
HGK	807	CNS	NE	NHGZZZZZ	205	Manage & Provide Companywide E	-	-	81	-	-	-	20	-
HGK	875	C02	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	28	-	21	234	71	-
HGK	875	CNS	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	315	138	-	113	-
HGK	878	CNS	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	94	93	-	-	47	-
HGK	931	C02	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	152	-	-	38	-
HGK	931	CNS	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	38	-	-	-	9	-
							13,015	16,970	10,442	16,541	14,773	40,550	20,576	40,600
HGM	212	ANS	NE	NHGZZZZZ	205	Construct Projects	116	-	-	-	-	-	-	-
HGM	240	RST	NS	NHGZZZZZ	205	Develop & Maintain Policies & Proc	-	-	69	-	-	-	17	-
HGM	242	P01	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	-	32	-	-	384	-	96	-
HGM	242	R06	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	10	-	-	-	-	-	-	-
HGM	244	A01	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	86	-	-	-	22	-
HGM	246	SST	NE	NHGZZZZZ	205	Mon Plt/Opml Performance-TurboC	-	-	-	-	55	-	14	-
HGM	247	ANS	NE	NHGZZZZZ	205	Mon Plt/Opml Perform-NonSteam/(	58	-	-	-	-	-	-	-

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGM247	P03	NE		NHGZZZZZ	205	Mon Plt/Oprnl Perform-NonSteam/(	-	-	-	-	365	-	91	-
HGM248	PT2	NE		NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	-	-	-	392	-	98	-
HGM248	R05	NE		NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	-	-	-	35	-	9	-
HGM248	RST	NE		NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	-	33	-	-	-	8	-
HGM256	R06	NS		NHGZZZZZ	205	Plan/Schedule Maintenance & Con	-	-	-	-	-	14	4	-
HGM256	RST	NS		NHGZZZZZ	205	Plan/Schedule Maintenance & Con	-	-	46	-	173	-	55	-
HGM256	RST	NS		NHGZZZZZ	205	Plan/Schedule Maintenance & Con	-	-	-	-	-	-	-	-
HGM257	P01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	87	-	-	187	36	56	-
HGM257	P01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	-	-	-	-
HGM257	R05	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	115	99	10	149	48	-	52	-
HGM257	R05	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	-	-	-	-
HGM257	R06	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	23	621	232	-	248	275	290
HGM257	RST	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	154	-	39	-
HGM257	S03	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	21	-	150	26	-	44	-
HGM257	S04	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	-	20	5	-
HGM257	SST	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	-	131	33	-
HGM258	R06	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Pred	16	-	-	-	-	-	-	-
HGM259	P01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	419	685	714	8,811	2,356	2,127	3,502	3,650
HGM259	P01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM259	R05	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	382	892	1,492	1,427	2,147	3,332	2,100	2,190
HGM259	R05	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM259	R05	NS		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	298	75	-
HGM259	R06	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	331	564	4,046	843	2,194	444	1,882	1,960
HGM259	R06	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM259	RST	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	51	118	-	-	19	34	-
HGM259	S01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	436	550	-	-	-	-	-	-
HGM259	S03	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	710	682	382	977	1,280	134	693	720
HGM259	S03	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM259	S04	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	825	640	862	2,169	1,083	564	1,169	1,220
HGM259	SST	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	12	3	-
HGM260	P01	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	109	250	-	-	41	-	10	-
HGM260	R06	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	24	-	-	-	-	-	-	-
HGM260	RST	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	-	-	-	-	-	291	73	-
HGM260	S01	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	-	27	-	-	-	-	-	-
HGM260	S04	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	-	16	-	-	-	-	-	-
HGM260	SST	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-P	-	-	-	-	121	-	30	-
HGM262	P01	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	108	738	58	89	63	153	91	-
HGM262	P01	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	-	-	-	-

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGM262	R05	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	78	137	1,373	114	208	1,416	778	810
HGM262	R06	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	58	288	331	25	181	206	220
HGM262	R06	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	-	-	-	-
HGM262	RST	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	109	-	27	-
HGM262	S01	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	96	317						
HGM262	S03	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	544	274	-	-	177	200	94	-
HGM262	S04	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	186	51	57	-	-	27	-
HGM262	SST	NE		NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	5,800	-	1,450	1,510
HGM263	ANS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	1,399	1,168	1,420	2,382	891	1,465	1,530
HGM263	BNS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	-	544	680	306	320
HGM263	BNS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	-	-	-	-	-
HGM263	P01	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	42	-	308	49	100	-
HGM263	P03	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	-	2,229	441	668	700
HGM263	RST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	20	42	12	-	18	-
HGM263	RTF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	15	-	-	-	-	-	-
HGM263	RW1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	156	-	-	39	-
HGM263	RW1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	183	-	-	-	-	-	-
HGM263	SST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	632	-	-	-	158	160
HGM263	UHY	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	25	73	-	-	-	-	-	-
HGM263	VHY	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	432	7	-	-	-	2	-
HGM264	BNS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	94	-	-	23	-
HGM264	P01	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	17	-	-	-	-	-	-	-
HGM264	RTF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	-	-	89	-	-	22	-
HGM264	SST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pr	-	12	-	9	-	-	2	-
HGM265	ANS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	347	986	205	606	17	1,197	506	530
HGM265	ANS	NS		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	37	-	-	-	-	-	-	-
HGM265	BNS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	265	186	102	518	-	-	155	160
HGM265	BTF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	336	-	-	-	84	-
HGM265	CNS	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	55	-	-	83	-	451	134	140
HGM265	P01	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	275	686	1,279	2,979	762	362	1,345	1,400
HGM265	P03	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	114	-	-	-	-	-	-	-
HGM265	PT1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	372	271	208	12	-	-	55	-
HGM265	PT2	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	69	2,689	636	943	2,333	873	1,196	1,250
HGM265	PTF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	7	-	-	74	307	39	105	110
HGM265	PWV	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	211	1,150	246	437	137	-	205	210
HGM265	RST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	1,415	2,394	1,541	3,182	459	915	1,524	1,590
HGM265	RST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGM265	RTF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	238	560	21	26	(121)	121	130

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGM265	RW1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	521	1,696	732	264	290	232	379	400
HGM265	RW1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGM265	RW1	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	478	142	42	-	572	189	200
HGM265	SST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	481	607	802	1,871	526	1,732	1,233	1,290
HGM265	SST	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGM265	STF	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	706	34	-	-	16	-	4	-
HGM265	SWT	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	143	47	63	425	29	141	150
HGM265	SWV	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	176	315	-	20	32	-	13	-
HGM265	UHY	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	27	233	251	107	93	171	180
HGM265	VHY	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	135	141	-	138	232	637	252	260
HGM265	VHY	NE		NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGM266	ANS	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	23,921	14,398	18,940	24,482	8,108	3,569	13,775	14,360
HGM266	ANS	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	-	-	-	-
HGM266	P01	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	42	-	11	-
HGM266	RST	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	12,165	18,433	7,650	7,970
HGM266	RST	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	-	-	-	-
HGM266	SST	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	-	699	175	180
HGM268	ANS	NS		NHGZZZZZ	205	Maint St Common Misc Equip-Corr	154	-	-	-	-	-	-	-
HGM268	P03	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Corr	-	65	-	-	-	-	-	-
HGM268	SST	NE		NHGZZZZZ	205	Maint St Common Misc Equip-Corr	-	-	-	-	270	635	226	240
HGM269	A01	NE		NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	-	-	22	-	-	-	6	-
HGM269	A15	NE		NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	834	188	71	17	16	-	26	-
HGM269	B13	NE		NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	17	-	-	-	-	-	-	-
HGM269	P01	NE		NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	-	-	-	-	-	201	50	-
HGM269	P03	NE		NHGZZZZZ	205	Maint Fuel Feed System-Preventiv	448	91	-	-	-	90	23	-
HGM271	A01	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	225	-	-	-	-	-	-
HGM271	A15	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	78	739	-	-	-	185	190
HGM271	A17	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	120	264	8	442	1,025	435	450
HGM271	A17	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	-	-	-	-
HGM271	P01	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	7	126	170	312	-	-	120	130
HGM271	P03	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	127	1,106	314	258	79	120	193	200
HGM271	R05	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	38	24	209	-	334	-	136	140
HGM271	R06	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	8	282	-	368	204	-	143	150
HGM271	RST	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	237	82	159	391	35	167	170
HGM271	RST	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	-	-	-	-
HGM271	S03	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	292	6	-	156	-	-	39	-
HGM271	S04	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	60	-	-	15	-
HGM271	SST	NE		NHGZZZZZ	205	Maint Fuel Feed System-Corrective	232	-	71	193	-	-	66	-

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGM272	A01	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	588	139	182	190
HGM272	A01	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGM272	C04	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	424	1,237	777	609	640
HGM272	P03	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	250	263	-	245	10	-	64	-
HGM272	P03	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGM273	P03	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	219	-	209	-	107	110
HGM274	A01	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	120	353	57	-	703	198	239	250
HGM274	A01	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	-	-	-	-	-	-	-
HGM274	OUT	BE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	-	-	-	81	-	-	20	-
HGM274	P03	NE		NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	769	1,490	1,681	2,067	3,299	711	1,940	2,020
HGM275	A11	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	-	112	-	28	-
HGM275	A15	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	-	85	294	95	-
HGM275	A16	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	69	-	-	-	-	-	-	-
HGM275	A17	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	-	44	-	11	-
HGM275	D24	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	82	41	250	537	228	240
HGM275	D26	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	168	-	-	49	54	-
HGM276	B13	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	122	-	-	30	-
HGM277	A11	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	96	-	251	1,433	-	421	440
HGM277	A15	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	135	39	-	-	-	-	-	-
HGM277	A16	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	190	427	944	352	-	-	324	340
HGM277	A16	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGM277	A17	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	1,114	1,851	-	-	-	-	-	-
HGM277	ANS	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	119	366	-	-	-	-	-	-
HGM277	B08	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	289	-	-	72	-
HGM277	B09	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	30	471	-	-	-	-	-	-
HGM277	B10	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	11	-	-	-	-	-	-
HGM277	B12	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	102	-	117	-	-	-	29	-
HGM277	B13	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	1,060	351	-	-	-	88	-
HGM277	B14	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	35	7	245	-	-	63	-
HGM277	BNS	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	372	130	-	-	-	32	-
HGM277	C20	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	100	-	44	-	-	-	11	-
HGM277	D24	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	550	-	150	83	-	58	-
HGM277	D26	NE		NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	71	-	57	307	136	-	125	130
HGM278	U01	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Pre	-	80	156	193	-	-	87	-
HGM278	U02	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Pre	27	165	-	-	32	216	62	-
HGM278	V01	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Pre	-	-	-	210	211	55	119	120
HGM280	U01	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	-	-	28	74	-	-	25	-
HGM280	U02	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	193	356	461	2,291	4	(13)	686	710

00-04 Recorded

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGM280	UHY	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	-	59	143	-	-	-	36	-
HGM280	V01	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	-	-	1,138	135	-	-	318	330
HGM280	V02	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	269	-	923	-	-	-	231	240
HGM280	V02	NS		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	-	-	-	-	-	1,013	253	260
HGM280	VHY	NE		NHGZZZZZ	205	Maint Renew Energy & Rel Eq-Con	-	4	65	-	-	-	16	-
HGM720	C02	NS		NHGZZZZZ	205	Improve Business Processes	-	-	-	-	407	-	102	110
HGM788	ANS	NS		NHGZZZZZ	205	Conduct Employee Training	-	-	-	161	-	-	40	-
HGM789	ANS	NE		NHGZZZZZ	205	Attend Training	70	-	303	9	223	-	134	140
HGM789	HPM	NE		NHGZZZZZ	205	Attend Training	-	-	-	436	-	653	272	280
HGM789	HPM	NS		NHGZZZZZ	205	Attend Training	-	-	480	452	-	-	233	240
HGM789	RST	NE		NHGZZZZZ	205	Attend Training	-	-	-	-	1,625	-	406	420
HGM789	RST	NE		NHGZZZZZ	205	Attend Training	-	-	-	-	-	-	-	-
HGM789	RST	NS		NHGZZZZZ	205	Attend Training	-	491	-	-	-	-	-	-
HGM797	ANS	NE		NHGZZZZZ	205	Attend Safety Training	-	-	22	52	-	-	18	-
HGM797	CNS	NS		NHGZZZZZ	205	Attend Safety Training	-	-	-	135	-	-	34	-
HGM797	RST	NE		NHGZZZZZ	205	Attend Safety Training	-	-	-	-	-	697	174	180
HGM842	RST	NE		NHGZZZZZ	205	Order Materials, Eq, Supplies & Sv	-	-	-	-	-	-	-	-
HGM875	RST	NE		NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	-	-	133	33	-
HGM875	RST	NS		NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	456	-	-	114	120
HGM875	SST	NE		NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	-	71	90	40	-
HGM876	SST	NE		NHGZZZZZ	205	Comply Ongoing-Wastewater	35	-	-	-	-	53	13	-
HGM877	ANS	NE		NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	228	-	-	365	-	-	91	-
HGM877	BNS	NE		NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	43	-	-	-	-	-	-
HGM877	CNS	NE		NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	142	-	-	-	35	-
HGM877	RST	NE		NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	77	-	-	-	-	-	-	-
HGM878	CNS	NE		NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	47	-	-	-	12	-
HGM931	ANS	NE		NHGZZZZZ	205	Care for Buildings & Grounds	288	59	-	-	-	57	14	-
HGM931	RST	NE		NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	-	132	-	33	-
HGM932	ANS	NE		NHGZZZZZ	205	Repair Buildings & Grounds	39	-	-	-	-	-	-	-
							39,980	46,074	47,835	64,217	61,512	49,158	55,680	54,970
HGP 242	P01	NE		NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	793	1,239	2,605	3,256	3,260	2,632	2,938	3,060
HGP 242	P01	NE		NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	-	-	-	-	-	-	-	-
HGP 244	P03	NE		NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	424	1,344	1,032	549	1,162	369	778	810
HGP 245	P01	NE		NHGZZZZZ	205	Mon Plt/Opml Performance-Boiler I	-	-	217	-	-	-	54	-
HGP 248	P01	NE		NHGZZZZZ	205	Perf Water Treatment & Analysis(P	-	-	-	-	-	37	9	-
HGP 248	P03	NE		NHGZZZZZ	205	Perf Water Treatment & Analysis(P	302	-	-	-	-	-	-	-
HGP 259	P01	NE		NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	74	57	1,184	196	37	319	434	450

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGP	259	P01	NE	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGP	262	P01	NE	NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	30	15	11	-
HGP	262	P01	NE	NHGZZZZZ	205	Maint Steam TurboGen & Rel Eq-C	-	-	-	-	-	-	-	-
HGP	265	PST	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	18	419	109	110
HGP	265	PST	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	-	-	-
HGP	265	PTF	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	413	-	107	130	140
HGP	265	PWV	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-C	-	-	-	-	-	73	18	-
HGP	266	ANS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	959	-	-	-	-	-	-
HGP	274	P03	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-	88	679	-	-	76	27	26	-
HGP	789	PST	NE	NHGZZZZZ	205	Attend Training	-	-	-	-	171	202	93	-
HGP	876	P01	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	315	-	79	-
HGP	877	P01	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	796	30	-	361	-	98	-
HGP	878	P01	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	98	-	-	-	-	-	-	-
HGP	931	P03	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	-	50	-	13	-
HGP	931	PST	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	32	-	83	-	29	-
							1,778	5,075	5,100	4,415	5,563	4,200	4,820	4,570
HGT	211	RST	NS	NHGZZZZZ	205	Engr, Design & Manage Projects	-	-	-	-	66	164	58	-
HGT	211	RST	NS	NHGZZZZZ	205	Engr, Design & Manage Projects	-	-	-	-	-	-	-	-
HGT	220	RST	NS	NHGZZZZZ	205	Manage Fuel Supply Procurement	-	-	-	-	839	(124)	179	190
HGT	222	RST	NE	NHGZZZZZ	205	Mnge Procurmt of Fuel Trnspt & Di	-	-	-	-	422	-	106	110
HGT	222	RST	NS	NHGZZZZZ	205	Mnge Procurmt of Fuel Trnspt & Di	-	-	-	-	447	-	112	120
HGT	230	RST	NS	NHGZZZZZ	205	Mnge O&M Fuel Facil	-	-	-	-	-	632	158	160
HGT	230	RST	NS	NHGZZZZZ	205	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGT	244	CNS	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-N	-	-	-	-	-	112	28	-
HGT	259	R05	NS	NHGZZZZZ	205	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	25	6	-
HGT	789	HPO	NS	NHGZZZZZ	205	Attend Training	-	-	-	-	-	671	168	170
HGT	875	RST	NE	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	-	23	7	8	-
HGT	875	RST	NS	NHGZZZZZ	205	Comply Ongoing Permit/Reg Reqs-	-	-	-	-	906	163	267	280
HGT	876	HPO	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGT	876	RST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	7	-	2	-
HGT	876	RST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	1,083	-	271	280
HGT	876	RST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGT	876	SST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	51	13	-
HGT	876	SST	NS	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGT	877	P01	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	214	-	54	-
HGT	877	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	7	-	2	-
HGT	877	RST	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	453	-	113	120

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGT	878	ANS	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	453	-	113	120
HGT	878	RST	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	14	-	4	-
HGT	878	RST	NS	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	399	-	-	100	-
							-	-	-	399	4,934	1,701	1,759	1,550
HGW	242	S03	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	831	970	740	1,539	1,081	100	865	900
HGW	242	S03	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	-	-	-	-	-	-	-	-
HGW	242	S04	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	737	115	93	493	354	141	270	280
HGW	242	SST	NE	NHGZZZZZ	205	Op & Mon Plt Eq (Make Rounds)-B	608	562	134	469	882	126	403	420
HGW	789	SST	NE	NHGZZZZZ	205	Attend Training	-	-	-	30	-	-	8	-
HGW	876	SST	NE	NHGZZZZZ	205	Comply Ongoing-Wastewater	-	344	76	38	18	-	33	-
HGW	931	SST	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	316	-	-	-	-	-	-
							2,177	2,306	1,043	2,570	2,335	367	1,579	1,600
													(Actual py)	
HGX	212	ANS	NE	NHGZZZZZ	205	Construct Projects	-	-	-	-	-	-	-	-
HGX	256	CNS	NS	NHGZZZZZ	205	Plan/Schedule Maintenance & Con	-	-	-	-	-	153	38	-
HGX	263	ANS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pı	-	-	-	-	-	-	-	-
HGX	263	ANS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pı	-	-	-	-	-	-	-	-
HGX	263	P03	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pı	-	-	-	-	1,957	4,710	1,667	4,910
HGX	263	P03	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Pı	-	-	-	-	-	-	-	-
HGX	265	ANS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Cı	-	-	-	-	-	-	-	-
HGX	265	BNS	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Cı	-	-	-	-	-	-	-	-
HGX	265	BTF	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Cı	-	-	-	-	-	-	-	-
HGX	265	P03	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Cı	-	-	-	-	-	-	-	-
HGX	265	PT2	NE	NHGZZZZZ	205	Maint Stn Common Struct & Sys-Cı	-	-	-	-	-	-	-	-
HGX	266	ANS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	5,907	7,957	3,466	8,290
HGX	266	ANS	NE	NHGZZZZZ	205	Maint St Common Misc Equip-Prev	-	-	-	-	-	-	-	-
HGX	271	A15	NE	NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	-	-	-	-
HGX	271	A17	NE	NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	-	-	-	-
HGX	271	P03	NE	NHGZZZZZ	205	Maint Fuel Feed System-Corrective	-	-	-	-	120	-	30	-
HGX	272	A01	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	3,131	783	3,260
HGX	272	P03	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	192	48	-
HGX	272	P03	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGX	273	P03	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-I	-	-	-	-	-	-	-	-
HGX	274	A01	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-(	-	-	-	-	739	-	185	-
HGX	274	P03	NE	NHGZZZZZ	205	Maint Combust Turbine & Elec Eq-(	-	-	-	-	-	-	-	-
HGX	275	C21	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	-	-	43	11	-
HGX	275	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-Pı	-	-	-	-	-	178	45	-

Retired

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Averag	Escalation 1.0424 2006 Forecast
HGX	275	C22	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	-	-	-
HGX	275	D24	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	-	-	-
HGX	275	D26	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	-	-	-
HGX	276	A11	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	-	-	-
HGX	276	ANS	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	616	154	640
HGX	276	ANS	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-P	-	-	-	-	-	-	-	-
HGX	277	A11	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	A15	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	A16	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	A17	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	B12	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	B13	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	B14	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	BNS	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	D24	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	277	D26	NE	NHGZZZZZ	205	Maint Int Combust Eng & Rel Eq-C	-	-	-	-	-	-	-	-
HGX	788	ANS	NS	NHGZZZZZ	205	Conduct Employee Training	-	-	-	-	-	-	-	-
HGX	789	ANS	NE	NHGZZZZZ	205	Attend Training	-	-	-	-	-	638	160	670
HGX	797	ANS	NE	NHGZZZZZ	205	Attend Safety Training	-	-	-	-	-	-	-	-
HGX	877	ANS	NE	NHGZZZZZ	205	Comply Ongoing-Solid & Haz Wast	-	-	-	-	-	-	-	-
HGX	931	ANS	NE	NHGZZZZZ	205	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
							-	-	-	-	8,723	17,618		17,770
						205 Total	69,015	89,897	97,320	126,264	129,861	159,069		158,140

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 3/31/05

OTHER SERVICES

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
ISD charges	HGA	211	ANS	NS	NHGZZZZZ	451	4500	No Escalation	375	375	375	375	375	375	375	375	375	375	375	375	4,500
					Info Svc Expenses		4500														4,500
CIC - Hill	HGA	877	RST	NE	NHGZZZZZ	515	16500	No Escalation	16,500												16,500
CIC - Puna	HGA	877	P01	NE	NHGZZZZZ	515	16500	No Escalation	16,500												16,500
																					0
					Co. Memberships		33000														33,000
EE Memberships	HGT	749	HPM	NS	NHGZZZZZ	516	150	No Escalation	150												150
																					0
					EE Memberships		150														150
Meals/Entertainment (GA)	HGA	700	HPO	NS	NHGZZZZZ	521	1000	No Escalation	83	83	83	83	83	83	83	83	83	83	83	87	1,000
Meals/Entertainment (GA)	HGA	789	HPO	NS	NHGZZZZZ	521	700	No Escalation	58	58	58	58	58	58	58	58	58	58	58	62	700
Meals/Entertainment (GK)	HGK	244	CNS	NE	NHGZZZZZ	521	600	No Escalation	50	50	50	50	50	50	50	50	50	50	50	50	600
Meals/Entertainment (GK)	HGK	263	CNS	NE	NHGZZZZZ	521	5700	No Escalation	475	475	475	475	475	475	475	475	475	475	475	475	5,700
Meals/Entertainment (GM)	HGM	789	HPM	NE	NHGZZZZZ	521	400	No Escalation	33	33	33	33	33	33	33	33	33	33	33	37	400
Meals/Entertainment (GT)	HGT	220	RST	NS	NHGZZZZZ	521	200	No Escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
					Meals/Entertainment		8600														8,600
Inter-travel (GA)	HGA	122	HEL	NS	NHGZZZZZ	522	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Inter-travel (GA)	HGA	240	RST	NS	NHGZZZZZ	522	900	No Escalation	75	75	75	75	75	75	75	75	75	75	75	75	900
Inter-travel (GA)	HGA	700	HPO	NS	NHGZZZZZ	522	2500	No Escalation	208	208	208	208	208	208	208	208	208	208	208	212	2,500
Inter-travel (GA)	HGA	789	ANS	NS	NHGZZZZZ	522	700	No Escalation	58	58	58	58	58	58	58	58	58	58	58	62	700
Inter-travel (GA)	HGA	875	RST	NS	NHGZZZZZ	522	1100	No Escalation	92	92	92	92	92	92	92	92	92	92	92	88	1,100
Inter-travel (GM)	HGM	789	RST	NS	NHGZZZZZ	522	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Inter-travel (GT)	HGT	789	HPO	NS	NHGZZZZZ	522	300	No Escalation	25	25	25	25	25	25	25	25	25	25	25	25	300
					Interisland Travel		6500														6,500
Postage Expense	HGA	966	HEL	NE	NHGZZZZZ	900	600	No Escalation	50	50	50	50	50	50	50	50	50	50	50	50	600
					Fncl Stmt Item		600														600

OTHER SERVICES	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY99 Actual	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	avg	FCST 2006
2006	HGA	211	ANS	NE	NHGZZZZZ	451	Engr, Design &	554260	985	381	-					
ISD charges	HGA	211	ANS	NS	NHGZZZZZ	451	Engr, Design &	551260	-	532	912	4,482	3,367	3,533		4,500
	HGK	256	C02	NS	NHGZZZZZ	451	Plan/Schedule	551290	22	-	-					
ISD charges	HGK	256	CNS	NS	NHGZZZZZ	451	Plan/Schedule	551280	318	264	264					
ISD charges	*HGM*	*256*	*ANS*	*NS*	*NHGZZZZZ*	*451*	*Plan/Schedule*	*551260*	*438*	*624*	*624*					
Software purchase	HGH	242	RST	NE	NHGZZZZZ	462	Op & Mon Plt I	502220	-	-	727					
Info Svc Expenses									1,763	1,801	2,527	4,482	3,367	3,533		4,500
CIC - Hilo	HGA	877	RST	NE	NHGZZZZZ	516	*previously charged to exp element 501 & 508*					25,061	25,061	16,488		16,500
CIC - Puna	HGA	877	P01	NE	NHGZZZZZ	515	*previously charged to exp element 501 & 508*					7,914	7,914	16,488		16,500
Co. Memberships	HGA	700	HPO	NS	NHGZZZZZ	515	Dev & Adm Bus	500220				35	35	-		
Co. Memberships	HGA	753	HPO	NS	NHGZZZZZ	515	Maintain Relat	500220	-	-	35					
Co. Memberships	HGA	877	RST	NE	NHGZZZZZ	515	Comply Ongoi	506220	-	33	-					
Co. Memberships									-	33	35	33,010	33,010	32,976		33,000
	HGA	749	C02	NS	NHGZZZZZ	516	Maint Rel w/In	546290	24	-	-					
	HGA	749	CNS	NS	NHGZZZZZ	516	Maint Rel w/In	546280	22	-	-					
EE Memberships	HGA	749	HPO	NE	NHGZZZZZ	516	Maint Rel w/In	506220	-	200	100					
	HGA	749	PNS	NS	NHGZZZZZ	516	Maint Rel w/In	546300	41	-	-					
	HGA	749	PST	NS	NHGZZZZZ	516	Maint Rel w/In	500230	39	-	-					
EE Memberships	HGA	749	RST	NS	NHGZZZZZ	516	Maint Rel w/In	500220	57	137	-					
	HGA	749	SST	NS	NHGZZZZZ	516	Maint Rel w/In	500210	22	-	-					
	HGT	749	HPM	NS	NHGZZZZZ	516	Maint Rel w/In	500210	-	-	-	-	-	150		150
EE Memberships									204	337	100	-	-	150		150
Meals/Entertainment																
	HGA	122	HEL	NS	NHGZZZZZ	521			0	0	435.85	-	-	-	73	
	HGA	201	ANS	NS	NHGZZZZZ	521			0	0	0	44	-	-	7	
	HGA	201	CNS	NS	NHGZZZZZ	521			0	0	0	24	-	-	4	
	HGA	201	HEL	NS	NHGZZZZZ	521			0	0	139.81	-	-	-	23	
	HGA	201	RST	NS	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGA	240	ANS	NE	NHGZZZZZ	521			0	0	0	57	57	-	19	
	HGA	240	ANS	NS	NHGZZZZZ	521			0	0	0	72	-	-	12	
	HGA	240	CNS	NE	NHGZZZZZ	521			0	0	0	-	25	-	4	
	HGA	240	CNS	NS	NHGZZZZZ	521			0	0	0	236	-	-	39	
	HGA	240	P01	NS	NHGZZZZZ	521			0	0	0	103	-	-	17	
	HGA	240	RST	NS	NHGZZZZZ	521			0	0	0	97	49	-	24	
	HGA	240	SST	NE	NHGZZZZZ	521			0	0	0	-	23	-	4	
	HGA	240	SST	NS	NHGZZZZZ	521			0	0	0	29	-	-	5	
	HGA	244	ANS	NS	NHGZZZZZ	521			0	0	0	119	-	-	20	
	HGA	244	CNS	NE	NHGZZZZZ	521			0	0	130	-	-	-	22	
	HGA	244	CNS	NS	NHGZZZZZ	521			0	0	44.95	159	-	-	34	
	HGA	244	P03	NS	NHGZZZZZ	521			0	0	0	-	42	-	7	
	HGA	245	P01	NS	NHGZZZZZ	521			0	0	60.27	103	-	-	27	
	HGA	245	RST	NS	NHGZZZZZ	521			0	0	0	160	-	16	29	
	HGA	248	RST	NE	NHGZZZZZ	521			0	0	24.83	21	-	-	8	
	HGA	700	ANS	NS	NHGZZZZZ	521			0	28.23	0	-	-	-	5	
	HGA	700	HPM	NS	NHGZZZZZ	521			0	0	65	-	-	179	41	
	HGA	700	HPM	NS	NHGZZZZZ	521			0	0	0	-	-	-	-	
Meals/Entertainmer	HGA	700	HPO	NS	NHGZZZZZ	521			0	0	253.37	1,732	1,364	572	654	1,000
	HGA	720	HPO	NS	NHGZZZZZ	521			0	0	0	-	-	20	3	

OTHER SERVICES	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY99 Actual	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	avg	FCST 2006
	HGA	745	ANS	NS	NHGZZZZZ	521			23.05	0	0	-	-	-	4	
	HGA	785	ANS	NS	NHGZZZZZ	521			104.88	0	0	-	-	-	17	
	HGA	785	C02	NS	NHGZZZZZ	521			0	0	0	163	-	-	27	
	HGA	785	HPO	NS	NHGZZZZZ	521			0	0	0	-	-	120	20	
	HGA	788	HPO	NS	NHGZZZZZ	521			0	0	0	-	-	111	19	
Meals/Entertainmer	HGA	789	HPO	NS	NHGZZZZZ	521			0	0	0	134	69	1,404	268	700
	HGA	789	HPO	NS	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGA	789	RST	NS	NHGZZZZZ	521			0	0	0	-	-	12	2	
	HGA	875	P01	NE	NHGZZZZZ	521			0	0	35.32	-	-	-	6	
	HGA	875	RST	NE	NHGZZZZZ	521			0	29.95	75.06	-	-	-	18	
	HGA	875	RST	NS	NHGZZZZZ	521			82.76	0	0	-	-	-	14	
	HGA	876	CNS	NS	NHGZZZZZ	521			0	36.94	0	-	-	-	6	
	HGA	877	CNS	NS	NHGZZZZZ	521			0	0	0	100	-	-	17	
	HGA	877	RST	NE	NHGZZZZZ	521			0	281.27	0	-	-	-	47	
	HGA	877	RST	NS	NHGZZZZZ	521			449.27	93.69	0	-	-	-	90	
	HGA	878	RST	NS	NHGZZZZZ	521			0	0	207.58	141	-	-	58	
	HGA	950	HEL	NE	NHGZZZZZ	521			0	16.03	0	-	-	-	3	
	HGC	247	C04	NS	NHGZZZZZ	521			0	0	0	-	-	49	8	
	HGC	789	C02	NE	NHGZZZZZ	521			0	0	56	-	-	-	9	
	HGC	789	CNS	NE	NHGZZZZZ	521			0	0	0	179	108	-	48	
	HGC	877	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGH	263	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	(28)	(5)	
	HGH	265	ANS	NE	NHGZZZZZ	521			0	0	56	-	-	-	9	
	HGH	789	HPO	NS	NHGZZZZZ	521			0	0	0	-	-	(56)	(9)	
	HGH	789	PNS	NE	NHGZZZZZ	521			0	0	0	-	100	1	17	
	HGH	789	RST	NE	NHGZZZZZ	521			0	0	267.71	42	45	-	59	
	HGH	797	HEL	NE	NHGZZZZZ	521			0	0	0	30	85	-	19	
	HGH	875	RST	NE	NHGZZZZZ	521			224	0	0	-	-	-	37	
Meals/Entertainmer	HGK	244	CNS	NE	NHGZZZZZ	521			0	0	0	-	2,539	592	522	600
	HGK	247	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	171	29	
Meals/Entertainmer	HGK	263	CNS	NE	NHGZZZZZ	521			0	0	0	-	54	5,724	963	5,700
	HGK	263	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	Mainly perdiem		
	HGK	265	CWT	NE	NHGZZZZZ	521			0	0	0	48	16	-	11	
	HGK	273	C02	NE	NHGZZZZZ	521			0	0	0	-	54	-	9	
	HGK	274	OUT	BE	NHGZZZZZ	521			0	3213	0	-	-	-	536	
	HGK	277	C19	NE	NHGZZZZZ	521			0	0	648	1,701	-	-	392	
	HGK	277	C20	NE	NHGZZZZZ	521			0	1674	0	-	-	-	279	
	HGK	277	C21	NE	NHGZZZZZ	521			0	0	0	81	-	-	14	
	HGK	277	C22	NE	NHGZZZZZ	521			0	0	324	-	27	-	59	
	HGK	277	C23	NE	NHGZZZZZ	521			0	0	135	-	-	-	23	
	HGK	789	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	56	9	
	HGK	789	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGM	210	SST	NS	NHGZZZZZ	521			0	0	0	101	-	-	17	
	HGM	255	C02	NS	NHGZZZZZ	521			34.64	0	0	-	-	-	6	
	HGM	256	CNS	NS	NHGZZZZZ	521			0	0	105.3	-	-	-	18	
	HGM	259	P01	NE	NHGZZZZZ	521			0	0	0	2,184	-	-	364	
	HGM	259	R05	NE	NHGZZZZZ	521			0	0	0	-	34	-	6	
	HGM	259	R06	NE	NHGZZZZZ	521			0	0	162	-	-	-	27	
	HGM	263	ANS	NE	NHGZZZZZ	521			0	0	0	196	-	-	33	
	HGM	264	CNS	NE	NHGZZZZZ	521			0	0	135	-	-	-	23	
	HGM	265	CNS	NE	NHGZZZZZ	521			0	0	648	-	-	-	108	
	HGM	265	P01	NE	NHGZZZZZ	521			0	54	0	-	-	-	9	
	HGM	265	PT2	NE	NHGZZZZZ	521			0	0	0	-	-	16	3	

OTHER SERVICES	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY99 Actual	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	avg	FCST 2006
	HGM	265	RST	NE	NHGZZZZZ	521			0	0	130.06	-	-	-	22	
	HGM	266	ANS	NE	NHGZZZZZ	521			0	41.37	0	-	-	-	7	
	HGM	274	C02	NE	NHGZZZZZ	521			108	0	513	-	-	-	104	
	HGM	274	P03	NE	NHGZZZZZ	521			33.62	89.81	0	-	73	-	29	
	HGM	277	A17	NE	NHGZZZZZ	521			0	33.9	0	-	-	-	6	
	HGM	277	C18	NE	NHGZZZZZ	521			140	0	0	-	-	-	23	
	HGM	277	C21	NE	NHGZZZZZ	521			112	0	0	-	-	-	19	
	HGM	277	C22	NE	NHGZZZZZ	521			140	0	0	-	-	-	23	
	HGM	277	C23	NE	NHGZZZZZ	521			84	0	0	-	-	-	14	
	HGM	277	CNS	NE	NHGZZZZZ	521			0	0	1107	1,566	-	-	446	
	HGM	280	U02	NE	NHGZZZZZ	521			0	0	0	39	-	(39)	(0)	
	HGM	789	ANS	NE	NHGZZZZZ	521			0	56	0	-	-	-	9	
Meals/Entertainmer	HGM	789	HPM	NE	NHGZZZZZ	521			0	0	0	140	-	385	88	400
	HGM	789	HPM	NS	NHGZZZZZ	521			0	0	0	54	-	-	9	
	HGM	853	HEL	NC	NHGZZZZZ	521			0	0	0	29	-	-	5	
	HGM	875	RST	NE	NHGZZZZZ	521			0	0	0	105	-	-	18	
	HGP	789	PST	NE	NHGZZZZZ	521			0	0	0	61	20	-	14	
Meals/Entertainmer	HGT	220	RST	NS	NHGZZZZZ	521			0	0	0	-	-	212	35	200
	HGT	230	RST	NS	NHGZZZZZ	521			0	0	0	-	-	26	4	
	HGT	735	HEL	NS	NHGZZZZZ	521			0	0	0	-	63	-	11	
	HGT	789	RST	NS	NHGZZZZZ	521			0	0	0	-	39	-	7	
	HGT	860	HPO	NS	NHGZZZZZ	521			0	0	0	-	25	-	4	
	HGT	877	RST	NS	NHGZZZZZ	521			0	0	0	-	35	-	6	
	HGT	878	RST	NE	NHGZZZZZ	521			0	0	0	-	91	-	15	
	HGW	875	RST	NE	NHGZZZZZ	521			140	0	0	-	-	-	23	
	HGX	263	CNS	NE	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGX	266	ANS	NE	NHGZZZZZ	521			0	0	0	-	-	20	3	
	HGX	276	ANS	NE	NHGZZZZZ	521			0	0	0	-	-	39	7	
	HGX	276	ANS	NE	NHGZZZZZ	521			0	0	0	-	-	-	-	
	HGX	277	CNS	NE	NHGZZZZZ	521			0	0	0	-	54	-	9	
Meals / Entertainment									1,676	5,628	5,759	10,049	5,091	9,602		8,600
Inter-travel - Projects									1,380	-	-	44				
	HGA	120	HEL	NS	NHGZZZZZ	522	Administer 'As Available'		-	200	-					
	HGA	121	HEL	NS	NHGZZZZZ	522	Admin Firm Cap					172				
Inter-travel (GA)	HGA	122	HEL	NS	NHGZZZZZ	522	Evaluate & Negotiate Ne		-	250	217	39	1,260		534	500
	HGA	200	ANS	NS	NHGZZZZZ	522	Develop Gene	546260	-	300	-					
	HGA	200	RST	NS	NHGZZZZZ	522	Develop Gene	500220	-	575	-					
	HGA	201	ANS	NS	NHGZZZZZ	522	Perform Gene:	546260	39	-	-					
	HGA	212	C04	NS	NHGZZZZZ	522	Construct Proj	551310				290				
	HGA	230	RST	NS	NHGZZZZZ	522	Mnge O&M Fu	500220	-	-	22					
	HGA	231	RST	NS	NHGZZZZZ	522	Mnge Fuel Del	500220	-	281	-					
	HGA	240	ANS	NS	NHGZZZZZ	522	Develop & Mal	546260	33	-	-					
	HGA	240	P01	NS	NHGZZZZZ	522	Develop & Mal	500230	512	-	-					
Inter-travel (GA)	HGA	240	RST	NS	NHGZZZZZ	522	Develop & Mal	500220	512	270	-	52	(97)		903	900
	HGA	240	SST	NS	NHGZZZZZ	522	Develop & Mal	500210	512	270	-					
	HGA	245	R05	NS	NHGZZZZZ	522	Monitor Pft/Op	500220	41	-	-					
	HGA	354	HAH	NS	NHGZZZZZ	522	Maintain Transmission S		-	200	-					
	HGA	376	HAH	NS	NHGZZZZZ	522	Dispatch & Mon Gen/Tra		-	-	151					
	HGA	700	HPM	NS	NHGZZZZZ	522	Develop & Adr	510220	-	-	126			685		
Inter-travel (GA)	HGA	700	HPO	NS	NHGZZZZZ	522	Develop & Adr	500220	-	-	914	5,307	3,149	1,810	2,468	2,500
	HGA	721	RST	NS	NHGZZZZZ	522	Develop Meas	500220	43	-	-					
	HGA	745	ANS	NS	NHGZZZZZ	522	Maintain Rel w	546260	225	-	-					

OTHER SERVICES	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY99 Actual	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	avg	FCST 2006
	HGA	745	RST	NS	NHGZZZZZ	522	Maintain Rel w	500220	123	-	-					
	HGA	785	RST	NS	NHGZZZZZ	522	Plan for & Dete	500220	-	500	-	46				
Inter-travel (GA)	HGA	789	ANS	NS	NHGZZZZZ	522	Attend Training	546260	1,163	-	-				1,104	700
	HGA	788	HPO	NS	NHGZZZZZ	522	Attend Training	500220	-	-	-			304		
	HGA	789	HPO	NS	NHGZZZZZ	522	Attend Training	500220	-	-	145		43	1,238		
	HGA	789	RST	NS	NHGZZZZZ	522	Attend Training	500220	245	-	-			95		
	HGA	789	SST	NS	NHGZZZZZ	522	Attend Training	500210	245	-	-					
	HGA	805	HPO	NS	NHGZZZZZ	522	Negotiate BU /	500220	-	117	-					
	HGA	875	ANS	NS	NHGZZZZZ	522	Comply Ongoi	546260	490	-	-					
	HGA	875	C02	NS	NHGZZZZZ	522	Comply Ongoi	546290	41	-	-					
	HGA	875	P01	NS	NHGZZZZZ	522	Comply Ongoi	500230	336	-	-					
	HGA	875	P03	NS	NHGZZZZZ	522	Comply Ongoi	546300	210	-	-					
	HGA	875	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	62	225	-					
Inter-travel (GA)	HGA	875	RST	NS	NHGZZZZZ	522	Comply Ongoi	500220	2,031	330	48				1,167	1,100
	HGA	875	SST	NS	NHGZZZZZ	522	Comply Ongoi	500210	490	-	-					
	HGA	877	RST	NS	NHGZZZZZ	522	Comply Ongoi	500220	37	-	-					
	HGA	877	SST	NS	NHGZZZZZ	522	Comply Ongoi	500210	27	-	-					
	HGA	878	RST	NS	NHGZZZZZ	522	Comply Ongoi	500220	183	-	-					
	HGA	878	SST	NS	NHGZZZZZ	522	Comply Ongoi	500210	40	-	-					
Inter-travel (GC)	HGC	789	CNS	NE	NHGZZZZZ	522	Attend Training	549280				93			60	
	HGC	875	CNS	NE	NHGZZZZZ	522	Comply Ongoi	549280			28					
Inter-travel (GH)	HGH	789	RST	NE	NHGZZZZZ	522	Attend Training	506220	-	28	-				178	
	HGH	875	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	629	-	-					
	HGH	876	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	-	-	56					
	HGK	789	CNS	NE	NHGZZZZZ	522	Adminr & Parti	549280	-	-	-			110		
	HGK	806	CNS	NE	NHGZZZZZ	522	Adminr & Parti	549280	-	330	-					
Inter-travel (GK)	HGK	806	CNS	NS	NHGZZZZZ	522	Adminr & Parti	546280	-	336	-				128	
	HGM	210	SST	NS	NHGZZZZZ	522	Plan & Approv	510210				46				
	HGM	255	RST	NS	NHGZZZZZ	522	Develop Outag	510220	-	-	120					
	HGM	259	R06	NE	NHGZZZZZ	522	Maintain Boile	512220	-	-	114					
	HGM	265	ANS	NS	NHGZZZZZ	522	Maint Stn Com	551260	-	800	-					
	HGM	267	RST	NS	NHGZZZZZ	522	Maint Stn Com	551260	-	-	-			427		
	HGM	274	C02	NS	NHGZZZZZ	522	Mt CT Corr	551290				7				
Inter-travel (GM)	HGM	789	RST	NS	NHGZZZZZ	522	Attend Training	500220	245	-	-	215		72	615.46	500
	HGM	789	SST	NS	NHGZZZZZ	522	Attend Training	500210	1,175	270	-					
	HGM	797	CNS	NS	NHGZZZZZ	522	Attend Safety	546280	-	28	-					
	HGM	875	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	-	167	-					
	HGM	950	HEL	NS	NHGZZZZZ	522	Prov & Mng Risk					7				
Inter-travel (GT)	HGT	200	ANS	NS	NHGZZZZZ	522	Dev Gen Fcst	546260				120	1,002			
	HGT	220	RST	NS	NHGZZZZZ	522	Dev Gen Fcst	546260				-	44	46		
	HGT	789	HPO	NS	NHGZZZZZ	522	Dev Gen Fcst	546260				-		980	372.67	300
	HGT	878	RST	NS	NHGZZZZZ	522	Dev Gen Fcst	546260				-		44		
	HGW	789	RST	NE	NHGZZZZZ	522	Attend Training	506220	-	28	-					
	HGW	875	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	353	228	-					
	HGX	875	RST	NE	NHGZZZZZ	522	Comply Ongoi	506220	-	-	-			417		
Inter-travel									11,420	5,733	1,941	6,438	5,401	6,228		6,500
	HGH	242	RST	NE	NHGZZZZZ	640	Op & Mon Ptt I	502220	103	-	-	-	-	10		
	HGA	242	RST	NE	NHGZZZZZ	900	Op & Mon Ptt	<Not For	-	-	-	-	-	-		
	HGA	354	HAH	NS	NHGZZZZZ	900	Maint Transm	<Not For	(14,469.43)	-	-	-	-	-		
	HGA	354	HTM	NS	NHGZZZZZ	900	Maint Transm	<Not For	14,469.43	-	-	-	-	-		
	HGA	376	MAU	BE	NHGZZZZZ	900	Dispatch & M	<Not For	-	(314.50)	-	-	-	-		
	HGA	875	CNS	NE	NHGZZZZZ	900	Comply Ongo	<Not For	691,888.87	*Sept 1999 Keahole legal adjustments, expensed in 1999 from capit*				-		

OTHER SERVICES	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY99 Actual	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	avg	FCST 2006
	HGA	877	RST	NE	NHGZZZZZ	900	Comply Ongo	<Not For	-	-	-	-	-	264,000.00	*Pier 3 oil Spill*	
	HGA	966	HEL	NC	NHGZZZZZ	900	Handle & Deli	<Not For	358.89	394.02	422.02	-	-	-		
	HGA	966	HEL	NE	NHGZZZZZ	900	Handle & Deliver Mail		-	-	-	-	-	-		
	HGA	966	HEL	NE	NHGZZZZZ	900	Handle & Deli	<Not For	-	-	-	393.89	469.00	575.00		600
	HGH	242	RST	NE	NHGZZZZZ	900	Op & Mon Plt	<Not For	-	-	-	-	-	-		
	HGH	243	RST	NE	NHGZZZZZ	900	Op & Mon Plt	<Not For	-	-	-	-	-	-		
	HGK	266	CNS	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	-	1,456.00	*Transfer charges GAM Study*	
	HGK	268	CNS	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	-	-		
	HGK	269	C02	NE	NHGZZZZZ	900	Maint Fuel Fe	<Not For	-	-	-	-	-	-		
	HGK	274	C02	NE	NHGZZZZZ	900	Maint Combus	<Not For	-	250,000.00	*Sept 2000 accrue $250k insurance deductible, CT2 storm damage*					
	HGK	277	CNS	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	132.00	-		
	HGK	875	C02	NE	NHGZZZZZ	900	Comply Ongo	<Not For	(17,337.13)	-	-	-	-	-		
	HGK	875	CNS	NE	NHGZZZZZ	900	Comply Ongo	<Not For	17,726.26	-	-	-	-	-		
	HGK	931	CNS	NE	NHGZZZZZ	900	Care for Build	549280	-	-	-	-	-	-		
	HGM	257	RST	NE	NHGZZZZZ	900	Maint Boiler P	<Not For	-	-	-	-	-	-		
	HGM	257	SST	NE	NHGZZZZZ	900	Maint Boiler P	<Not For	-	-	-	-	265.00	-		
	HGM	258	RST	NE	NHGZZZZZ	900	Maint Boiler P	<Not For	-	-	-	-	-	-		
	HGM	259	P01	NE	NHGZZZZZ	900	Maint Boiler P	<Not For	-	-	-	-	1,125.00	-		
	HGM	259	SST	NE	NHGZZZZZ	900	Maint Boiler P	<Not For	-	-	-	-	2,913.00	29,230.00	*Transfer charges GAM Study*	
	HGM	260	SST	NE	NHGZZZZZ	900	Maint Steam	<Not For	-	-	-	-	397.00	-		
	HGM	261	S03	NE	NHGZZZZZ	900	Maint Steam	<Not For	-	-	-	-	-	4,726.00	*Transfer charges GAM Study*	
	HGM	261	S04	NE	NHGZZZZZ	900	Maint Steam	<Not For	-	-	-	-	-	4,726.00	*Transfer charges GAM Study*	
	HGM	262	P01	NE	NHGZZZZZ	900	Maint Steam	<Not For	-	-	-	-	464.00	-		
	HGM	262	SST	NE	NHGZZZZZ	900	Maint Steam	<Not For	-	-	-	-	5,428.00	265.00	*Transfer charges GAM Study*	
	HGM	265	P01	NE	NHGZZZZZ	900	Maint Stn Cor	<Not For	-	-	-	-	132.00	132.00	*Transfer charges GAM Study*	
	HGM	265	SST	NE	NHGZZZZZ	900	Maint Stn Cor	<Not For	-	-	-	-	3,275.00	-		
	HGM	266	P01	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	1,059.00	8,406.00	*Transfer charges GAM Study*	
	HGM	266	SST	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	1,986.00	-		
	HGM	268	P01	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	265.00	662.00	*Transfer charges GAM Study*	
	HGM	268	SST	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	7,401.00	-		
	HGM	272	P03	NE	NHGZZZZZ	900	Maint Combus	<Not For	-	-	109,200.00	-	-	*Dec 2001 CT3 combustor purchase*		
	HGM	274	OUT	BE	NHGZZZZZ	900	Maint Combus	<Not For	-	-	-	(2,185,937.23)	(11,719.00)	*Dec 2002 CT3 insurance damage*		
	HGM	274	P03	NE	NHGZZZZZ	900	Maint Combus	<Not For	-	-	-	1,585,952.23	(1,042,442.00)	*April 1999 adjust overage for CEMS in 1998*		
	HGP	875	P03	NE	NHGZZZZZ	900	Comply Ongo	<Not For	15,663.98	-	-	-	-	-		
	HGX	266	ANS	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	1,324.00	1,456.00	*Transfer charges GAM Study*	
	HGX	266	BNS	NE	NHGZZZZZ	900	Maint St Com	<Not For	-	-	-	-	-	1,456.00	*Transfer charges GAM Study*	
	HGX	277	A11	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	397.00	-		
	HGX	277	A15	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
	HGX	277	A16	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
	HGX	277	A17	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
	HGX	277	ANS	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	2,515.00	-		
	HGX	277	B12	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
	HGX	277	B13	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
	HGX	277	B14	NE	NHGZZZZZ	900	Maint Int Com	<Not For	-	-	-	-	106.00	-		
Financial Statement Items									708,301	250,080	109,622	(599,591)	(1,023,978)	317,090	-	600

Other Svc.xls
2006

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Clean Islands Council Membership
Operating Forecast **2006 - 2007**

Account Description	Naruc	Code Block	Jan 2006 Fcst Fee	Jan 2007 Fcst Fee	
Comply w/Ongoing Reg req-solid/haz waste-oil	506220	HGA 877 RST NE NHGZZZZZ **51**	16,500	16,500	50%
	506230	HGA 877 P01 NE NHGZZZZZ **51**	16,500	16,500	50%
	506210	HGA 877 SST NE NHGZZZZZ **51**	0	0	
			33,000	33,000	

*Plant allocation based on 2004 GWH fuel forecast

Annual Recorded Cost:

1996	18436	GA C4H01 G45 501	$32,975	
1997	18436	GA C4H01 G45 501	$32,975	
1998	18436	GA C4H01 G45 501	$32,975	
1999	506210	HGA 877 SST NE NHGZZZZZ 501	$11,211.50	34%
	506220	HGA 877 RST NE NHGZZZZZ 501	$10,881.75	33%
	506230	HGA 877 P01 NE NHGZZZZZ 501	$10,881.75	33%
			$32,975.00	
Jan 2000	506220	HGA 877 RST NE NHGZZZZZ 508	$11,211.50	34%
	506210	HGA 877 SST NE NHGZZZZZ 508	$10,881.75	33%
	506230	HGA 877 P01 NE NHGZZZZZ 508	$10,881.75	33%
			$32,975.00	
Jan 2001	506220	HGA 877 RST NE NHGZZZZZ 508	$18,136.25	55%
	506210	HGA 877 SST NE NHGZZZZZ 508	$3,297.50	10%
	506230	HGA 877 P01 NE NHGZZZZZ 508	$11,541.25	35%
			$32,975.00	
Jan 2002	506220	HGA 877 RST NE NHGZZZZZ 515	$25,061.00	76%
	506230	HGA 877 P01 NE NHGZZZZZ 515	$7,914.00	24%
			$32,975.00	
Jan 2003	506220	HGA 877 RST NE NHGZZZZZ 515	$25,061.00	76%
	506230	HGA 877 P01 NE NHGZZZZZ 515	$7,914.00	24%
			$32,975.00	
Jan 2004	506220	HGA 877 RST NE NHGZZZZZ 515	$16,488.00	50%
	506230	HGA 877 P01 NE NHGZZZZZ 515	$16,488.00	50%
			$32,976.00	
Jan 2005	506220	HGA 877 RST NE NHGZZZZZ 515	$16,487.50	50%
	506230	HGA 877 P01 NE NHGZZZZZ 515	$16,487.50	50%
			$32,975.00	

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) ____

Prepared by kklein
Date 3/23/05

OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Engr, Design & Manage Proj	HGA	211	ANS	NE	NHGZZZZZ	501	1300	No Escalation	108	108	108	108	108	108	108	108	108	108	108	112	1,300
Mnge O&M Fuel Facil	HGA	230	RST	NE	NHGZZZZZ	501	6000	No Escalation	500	500	500	500	500	500	500	500	500	500	500	500	6,000
Develop & Maintain Policies	HGA	240	ANS	NE	NHGZZZZZ	501	4080	No Escalation	340	340	340	340	340	340	340	340	340	340	340	340	4,080
Op & Mon Plt Eq (Make Rou	HGA	242	RST	NS	NHGZZZZZ	501	13500	No Escalation	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	13,500
Mon Plt/Opmt Performance-I	HGA	245	RST	NS	NHGZZZZZ	501	180	No Escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Schedule Generation Resour	HGA	375	AOC	NE	NHGZZZZZ	501	480	No Escalation	40	40	40	40	40	40	40	40	40	40	40	40	480
Develop & Administer Busine	HGA	700	HPO	NS	NHGZZZZZ	501	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Attend Training	HGA	789	HPO	NS	NHGZZZZZ	501	12000	No Escalation	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
Attend Training	HGA	789	RST	NS	NHGZZZZZ	501	43500	No Escalation	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	43,500
Attend Safety Training	HGA	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing-Solid & Haz	HGA	877	CNS	NE	NHGZZZZZ	501	9000	No Escalation	750	750	750	750	750	750	750	750	750	750	750	750	9,000
Comply Ongoing-Solid & Haz	HGA	877	RST	NE	NHGZZZZZ	501	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Care for Buildings & Grounds	HGA	931	ANS	NE	NHGZZZZZ	501	4140	No Escalation	345	345	345	345	345	345	345	345	345	345	345	345	4,140
Care for Buildings & Grounds	HGA	931	UHY	NE	NHGZZZZZ	501	260	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Repair Buildings & Grounds	HGA	932	ANS	NE	NHGZZZZZ	501	550	No Escalation	46	46	46	46	46	46	46	46	46	46	46	44	550
Repair Buildings & Grounds	HGA	932	RST	NE	NHGZZZZZ	501	200	No Escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Provide & Manage Services-	HGA	934	ANS	NE	NHGZZZZZ	501	3590	No Escalation	299	299	299	299	299	299	299	299	299	299	299	301	3,590
							99830	No Escalation	8,319	8,319	8,319	8,319	8,319	8,319	8,319	8,319	8,319	8,319	8,319	8,321	99,830
Op & Mon Plt Eq (Make Rou	HGC	244	C04	NE	NHGZZZZZ	501	1000	No Escalation	83	83	83	83	83	83	83	83	83	83	83	87	1,000
Op & Mon Plt Eq (Make Rou	HGC	244	CNS	NE	NHGZZZZZ	501	5200	No Escalation	433	433	433	433	433	433	433	433	433	433	433	437	5,200
Mon Plt/Opmt Perform-NonS	HGC	247	C04	NS	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
							6700	No Escalation	558	558	558	558	558	558	558	558	558	558	558	562	6,700
Manage Fuel Supply Procure	HGH	220	R06	NE	NHGZZZZZ	501	26170	No Escalation	2,181	2,181	2,181	2,181	2,181	2,181	2,181	2,181	2,181	2,181	2,181	2,179	26,170
Mnge Fuel Del Opns & Inven	HGH	231	RST	NE	NHGZZZZZ	501	340	No Escalation	28	28	28	28	28	28	28	28	28	28	28	32	340
Operate & Monitor Fuel Feed	HGH	241	RST	NE	NHGZZZZZ	501	3000	No Escalation	250	250	250	250	250	250	250	250	250	250	250	250	3,000
Op & Mon Plt Eq (Make Rou	HGH	242	R05	NE	NHGZZZZZ	501	1040	No Escalation	87	87	87	87	87	87	87	87	87	87	87	83	1,040
Op & Mon Plt Eq (Make Rou	HGH	242	R06	NE	NHGZZZZZ	501	2430	No Escalation	203	203	203	203	203	203	203	203	203	203	203	197	2,430
Op & Mon Plt Eq (Make Rou	HGH	242	RST	NE	NHGZZZZZ	501	16420	No Escalation	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,372	16,420
Op & Mon Plt Eq (Make Rou	HGH	242	SST	NE	NHGZZZZZ	501	540	No Escalation	45	45	45	45	45	45	45	45	45	45	45	45	540
Perf Water Treatment & Ana	HGH	248	RST	NE	NHGZZZZZ	501	36940	No Escalation	3,078	3,078	3,078	3,078	3,078	3,078	3,078	3,078	3,078	3,078	3,078	3,082	36,940
Maint Boiler Plt & Rel Eq-Co	HGH	259	R06	NE	NHGZZZZZ	501	1540	No Escalation	128	128	128	128	128	128	128	128	128	128	128	132	1,540
Maint Stn Common Struct &	HGH	265	ANS	NE	NHGZZZZZ	501	580	No Escalation	48	48	48	48	48	48	48	48	48	48	48	52	580
Maint Stn Common Struct &	HGH	265	RST	NE	NHGZZZZZ	501	3110	No Escalation	259	259	259	259	259	259	259	259	259	259	259	261	3,110
Maint Stn Common Struct &	HGH	265	RWT	NE	NHGZZZZZ	501	590	No Escalation	49	49	49	49	49	49	49	49	49	49	49	51	590
Schedule Generation Resour	HGH	375	AOC	NE	NHGZZZZZ	501	1990	No Escalation	166	166	166	166	166	166	166	166	166	166	166	164	1,990

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Resp Area (RA) _____

Prepared by kklein
Date 3/23/05

OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maintain Relations with Com	HGH	753	RST	NS	NHGZZZZZ	501	600	No Escalation	50	50	50	50	50	50	50	50	50	50	50	50	600
Attend Training	HGH	789	RST	NE	NHGZZZZZ	501	13500	No Escalation	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	13,500
Attend Safety Training	HGH	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGH	875	RST	NE	NHGZZZZZ	501	170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Comply Ongoing-Wastewate	HGH	876	RST	NE	NHGZZZZZ	501	1140	No Escalation	95	95	95	95	95	95	95	95	95	95	95	95	1,140
Comply Ongoing-Wastewate	HGH	876	RST	NS	NHGZZZZZ	501	2590	No Escalation	216	216	216	216	216	216	216	216	216	216	216	214	2,590
Comply Ongoing-Solid & Haz	HGH	877	ANS	NE	NHGZZZZZ	501	410	No Escalation	34	34	34	34	34	34	34	34	34	34	34	36	410
Comply Ongoing-Solid & Haz	HGH	877	RST	NE	NHGZZZZZ	501	440	No Escalation	37	37	37	37	37	37	37	37	37	37	37	33	440
Comply Ongoing-Solid & Haz	HGH	877	RST	NS	NHGZZZZZ	501	1360	No Escalation	113	113	113	113	113	113	113	113	113	113	113	117	1,360
Care for Buildings & Ground	HGH	931	RST	NE	NHGZZZZZ	501	19650	No Escalation	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,632	19,650
Care for Buildings & Ground	HGH	931	VHY	NE	NHGZZZZZ	501	2900	No Escalation	242	242	242	242	242	242	242	242	242	242	242	238	2,900
Repair Buildings & Grounds	HGH	932	RST	NE	NHGZZZZZ	501	930	No Escalation	78	78	78	78	78	78	78	78	78	78	78	72	930
Provide & Manage Services-	HGH	934	RST	NE	NHGZZZZZ	501	14420	No Escalation	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,198	14,420
Provide & Manage Services-	HGH	936	RST	NE	NHGZZZZZ	501	7130	No Escalation	594	594	594	594	594	594	594	594	594	594	594	596	7,130
							160430	No Escalation	13,369	13,369	13,369	13,369	13,369	13,369	13,369	13,369	13,369	13,369	13,369	13,371	160,430
Develop & Maintain Policies	HGK	240	CNS	NE	NHGZZZZZ	501	830	No Escalation	69	69	69	69	69	69	69	69	69	69	69	71	830
Op & Mon Plt Eq (Make Rou	HGK	244	BNS	NE	NHGZZZZZ	501	560	No Escalation	47	47	47	47	47	47	47	47	47	47	47	43	560
Op & Mon Plt Eq (Make Rou	HGK	244	C02	NE	NHGZZZZZ	501	1780	No Escalation	148	148	148	148	148	148	148	148	148	148	148	152	1,780
Op & Mon Plt Eq (Make Rou	HGK	244	C04	NE	NHGZZZZZ	501	420	No Escalation	35	35	35	35	35	35	35	35	35	35	35	35	420
Op & Mon Plt Eq (Make Rou	HGK	244	C05	NE	NHGZZZZZ	501	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Op & Mon Plt Eq (Make Rou	HGK	244	CNS	NE	NHGZZZZZ	501	5470	No Escalation	456	456	456	456	456	456	456	456	456	456	456	454	5,470
Perf Water Treatment & Ana	HGK	248	CNS	NE	NHGZZZZZ	501	1000	No Escalation	83	83	83	83	83	83	83	83	83	83	83	87	1,000
Maint Stn Common Struct &	HGK	263	CNS	NE	NHGZZZZZ	501	66000	No Escalation	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	66,000
Maint Stn Common Struct &	HGK	263	CWW	NE	NHGZZZZZ	501	150	No Escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Maint Stn Common Struct &	HGK	265	CNS	NE	NHGZZZZZ	501	1990	No Escalation	166	166	166	166	166	166	166	166	166	166	166	164	1,990
Maint St Common Misc Equi	HGK	266	CNS	NE	NHGZZZZZ	501	50000	No Escalation	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,163	50,000
Maint Fuel Feed System-Pre	HGK	269	CNS	NE	NHGZZZZZ	501	430	No Escalation	36	36	36	36	36	36	36	36	36	36	36	34	430
Maint Combust Turbine & El	HGK	272	C02	NE	NHGZZZZZ	501	1100	No Escalation	92	92	92	92	92	92	92	92	92	92	92	88	1,100
Maint Combust Turbine & El	HGK	272	C04	NE	NHGZZZZZ	501	80182	No Escalation	6,682	6,682	6,682	6,682	6,682	6,682	6,682	6,682	6,682	6,682	6,682	6,682	80,182
Maint Combust Turbine & El	HGK	274	C02	NE	NHGZZZZZ	501	3800	No Escalation	317	317	317	317	317	317	317	317	317	317	317	313	3,800
Maint Combust Turbine & El	HGK	274	C04	NE	NHGZZZZZ	501	3500	No Escalation	292	292	292	292	292	292	292	292	292	292	292	288	3,500
Maint Combust Turbine & El	HGK	274	C05	NE	NHGZZZZZ	501	3100	No Escalation	258	258	258	258	258	258	258	258	258	258	258	262	3,100
Maint Int Combust Eng & Re	HGK	275	C21	NE	NHGZZZZZ	501	29500	No Escalation	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,462	29,500
Maint Int Combust Eng & Re	HGK	275	C22	NE	NHGZZZZZ	501	13500	No Escalation	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	13,500
Maint Int Combust Eng & Re	HGK	275	C23	NE	NHGZZZZZ	501	200	No Escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Maint Int Combust Eng & Re	HGK	275	D25	NE	NHGZZZZZ	501	140	No Escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Maint Int Combust Eng & Re	HGK	275	D27	NE	NHGZZZZZ	501	230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	230

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Resp Area (RA) _____

Prepared by kklein
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OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Int Combust Eng & Re	HGK	276	C22	NE	NHGZZZZZ	501	150	No Escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Maint Int Combust Eng & Re	HGK	277	C21	NE	NHGZZZZZ	501	2470	No Escalation	206	206	206	206	206	206	206	206	206	206	206	204	2,470
Maint Int Combust Eng & Re	HGK	277	C22	NE	NHGZZZZZ	501	8340	No Escalation	695	695	695	695	695	695	695	695	695	695	695	695	8,340
Maint Int Combust Eng & Re	HGK	277	C23	NE	NHGZZZZZ	501	2510	No Escalation	209	209	209	209	209	209	209	209	209	209	209	211	2,510
Maint Int Combust Eng & Re	HGK	277	CNS	NE	NHGZZZZZ	501	5250	No Escalation	438	438	438	438	438	438	438	438	438	438	438	432	5,250
Maint Int Combust Eng & Re	HGK	277	D25	NE	NHGZZZZZ	501	3500	No Escalation	292	292	292	292	292	292	292	292	292	292	292	288	3,500
Maint Int Combust Eng & Re	HGK	277	D26	NE	NHGZZZZZ	501	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Int Combust Eng & Re	HGK	277	D27	NE	NHGZZZZZ	501	2200	No Escalation	183	183	183	183	183	183	183	183	183	183	183	187	2,200
Attend Training	HGK	789	CNS	NE	NHGZZZZZ	501	15000	No Escalation	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	15,000
Attend Safety Training	HGK	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGK	875	C02	NE	NHGZZZZZ	501	1260	No Escalation	105	105	105	105	105	105	105	105	105	105	105	105	1,260
Comply Ongoing Permit/Reg	HGK	875	C04	NE	NHGZZZZZ	501	9800	No Escalation	817	817	817	817	817	817	817	817	817	817	817	813	9,800
Comply Ongoing Permit/Reg	HGK	875	C05	NE	NHGZZZZZ	501	9800	No Escalation	817	817	817	817	817	817	817	817	817	817	817	813	9,800
Comply Ongoing Permit/Reg	HGK	875	CNS	NE	NHGZZZZZ	501	3100	No Escalation	258	258	258	258	258	258	258	258	258	258	258	262	3,100
Comply Ongoing Permit/Reg	HGK	875	D25	NE	NHGZZZZZ	501	310	No Escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Comply Ongoing Permit/Reg	HGK	875	D27	NE	NHGZZZZZ	501	310	No Escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Comply Ongoing-Solid & Haz	HGK	877	CNS	NE	NHGZZZZZ	501	270	No Escalation	23	23	23	23	23	23	23	23	23	23	23	17	270
Care for Buildings & Grounds	HGK	931	BNS	NE	NHGZZZZZ	501	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Care for Buildings & Grounds	HGK	931	C02	NE	NHGZZZZZ	501	6470	No Escalation	539	539	539	539	539	539	539	539	539	539	539	541	6,470
Care for Buildings & Grounds	HGK	931	CNS	NE	NHGZZZZZ	501	9400	No Escalation	783	783	783	783	783	783	783	783	783	783	783	787	9,400
Repair Buildings & Grounds	HGK	932	CNS	NE	NHGZZZZZ	501	1250	No Escalation	104	104	104	104	104	104	104	104	104	104	104	106	1,250
Provide & Manage Services-	HGK	934	CNS	NE	NHGZZZZZ	501	2320	No Escalation	193	193	193	193	193	193	193	193	193	193	193	197	2,320
Provide & Manage Services-	HGK	936	CNS	NE	NHGZZZZZ	501	2240	No Escalation	187	187	187	187	187	187	187	187	187	187	187	183	2,240
							350842	No Escalation	29,237	29,237	29,237	29,237	29,237	29,237	29,237	29,237	29,237	29,237	29,237	22,555	344,162
Construct Projects	HGM	212	V02	NE	NHGZZZZZ	501	2400	No Escalation	200	200	200	200	200	200	200	200	200	200	200	200	2,400
Develop & Maintain Policies	HGM	240	ANS	NE	NHGZZZZZ	501	180	No Escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Op & Mon Plt Eq (Make Rou	HGM	244	BNS	NE	NHGZZZZZ	501	650	No Escalation	54	54	54	54	54	54	54	54	54	54	54	56	650
Op & Mon Plt Eq (Make Rou	HGM	244	C04	NE	NHGZZZZZ	501	490	No Escalation	41	41	41	41	41	41	41	41	41	41	41	39	490
Mon Plt/Opmt Performance-E	HGM	245	P01	NE	NHGZZZZZ	501	830	No Escalation	69	69	69	69	69	69	69	69	69	69	69	71	830
Plan/Schedule Maintenance	HGM	256	ANS	NE	NHGZZZZZ	501	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Plan/Schedule Maintenance	HGM	256	ANS	NS	NHGZZZZZ	501	150	No Escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Plan/Schedule Maintenance	HGM	256	P01	NS	NHGZZZZZ	501	22980	No Escalation	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	22,980
Plan/Schedule Maintenance	HGM	256	R05	NS	NHGZZZZZ	501	22980	No Escalation	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	22,980
Plan/Schedule Maintenance	HGM	256	R06	NS	NHGZZZZZ	501	22980	No Escalation	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	22,980
Plan/Schedule Maintenance	HGM	256	RST	NE	NHGZZZZZ	501	38970	No Escalation	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,242	38,970
Plan/Schedule Maintenance	HGM	256	S03	NS	NHGZZZZZ	501	22980	No Escalation	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	22,980
Plan/Schedule Maintenance	HGM	256	S04	NS	NHGZZZZZ	501	22980	No Escalation	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	1,915	22,980

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Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Boiler Plt & Rel Eq-Pre	HGM	257	P01	NE	NHGZZZZZ	501	4870	No Escalation	406	406	406	406	406	406	406	406	406	406	406	404	4,870
Maint Boiler Plt & Rel Eq-Pre	HGM	257	R05	NE	NHGZZZZZ	501	140	No Escalation	12	12	12	12	12	12	12	12	12	12	12	8	140
Maint Boiler Plt & Rel Eq-Pre	HGM	257	R06	NE	NHGZZZZZ	501	1020	No Escalation	85	85	85	85	85	85	85	85	85	85	85	85	1,020
Maint Boiler Plt & Rel Eq-Pre	HGM	258	P01	NE	NHGZZZZZ	501	370	No Escalation	31	31	31	31	31	31	31	31	31	31	31	29	370
Maint Boiler Plt & Rel Eq-Pre	HGM	258	R06	NE	NHGZZZZZ	501	370	No Escalation	31	31	31	31	31	31	31	31	31	31	31	29	370
Maint Boiler Plt & Rel Eq-Co	HGM	259	P01	NE	NHGZZZZZ	501	170130	No Escalation	14,178	14,178	14,178	14,178	14,178	14,178	14,178	14,178	14,178	14,178	14,178	14,172	170,130
Maint Boiler Plt & Rel Eq-Co	HGM	259	R05	NE	NHGZZZZZ	501	76450	No Escalation	6,371	6,371	6,371	6,371	6,371	6,371	6,371	6,371	6,371	6,371	6,371	6,369	76,450
Maint Boiler Plt & Rel Eq-Co	HGM	259	R06	NE	NHGZZZZZ	501	64680	No Escalation	5,390	5,390	5,390	5,390	5,390	5,390	5,390	5,390	5,390	5,390	5,390	5,390	64,680
Maint Boiler Plt & Rel Eq-Co	HGM	259	RST	NE	NHGZZZZZ	501	3180	No Escalation	265	265	265	265	265	265	265	265	265	265	265	265	3,180
Maint Boiler Plt & Rel Eq-Co	HGM	259	S03	NE	NHGZZZZZ	501	10800	No Escalation	900	900	900	900	900	900	900	900	900	900	900	900	10,800
Maint Boiler Plt & Rel Eq-Co	HGM	259	S04	NE	NHGZZZZZ	501	57790	No Escalation	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,814	57,790
Maint Boiler Plt & Rel Eq-Co	HGM	259	SST	NE	NHGZZZZZ	501	119280	No Escalation	9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940	119,280
Maint Steam TurboGen & Re	HGM	260	RST	NE	NHGZZZZZ	501	1590	No Escalation	133	133	133	133	133	133	133	133	133	133	133	127	1,590
Maint Steam TurboGen & Re	HGM	260	SST	NE	NHGZZZZZ	501	6650	No Escalation	554	554	554	554	554	554	554	554	554	554	554	556	6,650
Maint Steam TurboGen & Re	HGM	261	S03	NE	NHGZZZZZ	501	72780	No Escalation	6,065	6,065	6,065	6,065	6,065	6,065	6,065	6,065	6,065	6,065	6,065	6,065	72,780
Maint Steam TurboGen & Re	HGM	261	S04	NE	NHGZZZZZ	501	63150	No Escalation	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,257	63,150
Maint Steam TurboGen & Re	HGM	262	P01	NE	NHGZZZZZ	501	18270	No Escalation	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,517	18,270
Maint Steam TurboGen & Re	HGM	262	R05	NE	NHGZZZZZ	501	62390	No Escalation	5,199	5,199	5,199	5,199	5,199	5,199	5,199	5,199	5,199	5,199	5,199	5,201	62,390
Maint Steam TurboGen & Re	HGM	262	R06	NE	NHGZZZZZ	501	7810	No Escalation	651	651	651	651	651	651	651	651	651	651	651	649	7,810
Maint Steam TurboGen & Re	HGM	262	RST	NE	NHGZZZZZ	501	12210	No Escalation	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,018	1,012	12,210
Maint Steam TurboGen & Re	HGM	262	S03	NE	NHGZZZZZ	501	650	No Escalation	54	54	54	54	54	54	54	54	54	54	54	56	650
Maint Steam TurboGen & Re	HGM	262	S04	NE	NHGZZZZZ	501	260	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Maint Steam TurboGen & Re	HGM	262	SST	NE	NHGZZZZZ	501	92390	No Escalation	7,699	7,699	7,699	7,699	7,699	7,699	7,699	7,699	7,699	7,699	7,699	7,701	92,390
Maint Stn Common Struct &	HGM	263	ANS	NE	NHGZZZZZ	501	11760	No Escalation	980	980	980	980	980	980	980	980	980	980	980	980	11,760
Maint Stn Common Struct &	HGM	263	BNS	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Maint Stn Common Struct &	HGM	263	P01	NE	NHGZZZZZ	501	40120	No Escalation	3,343	3,343	3,343	3,343	3,343	3,343	3,343	3,343	3,343	3,343	3,343	3,347	40,120
Maint Stn Common Struct &	HGM	263	RST	NE	NHGZZZZZ	501	8240	No Escalation	687	687	687	687	687	687	687	687	687	687	687	683	8,240
Maint Stn Common Struct &	HGM	263	RTF	NE	NHGZZZZZ	501	520	No Escalation	43	43	43	43	43	43	43	43	43	43	43	47	520
Maint Stn Common Struct &	HGM	263	RW1	NE	NHGZZZZZ	501	13340	No Escalation	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,108	13,340
Maint Stn Common Struct &	HGM	263	SST	NE	NHGZZZZZ	501	15660	No Escalation	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	15,660
Maint Stn Common Struct &	HGM	264	RST	NE	NHGZZZZZ	501	1000	No Escalation	83	83	83	83	83	83	83	83	83	83	83	87	1,000
Maint Stn Common Struct &	HGM	265	ANS	NE	NHGZZZZZ	501	11600	No Escalation	967	967	967	967	967	967	967	967	967	967	967	963	11,600
Maint Stn Common Struct &	HGM	265	BNS	NE	NHGZZZZZ	501	3120	No Escalation	260	260	260	260	260	260	260	260	260	260	260	260	3,120
Maint Stn Common Struct &	HGM	265	P01	NE	NHGZZZZZ	501	51880	No Escalation	4,323	4,323	4,323	4,323	4,323	4,323	4,323	4,323	4,323	4,323	4,323	4,327	51,880
Maint Stn Common Struct &	HGM	265	PT2	NE	NHGZZZZZ	501	18170	No Escalation	1,514	1,514	1,514	1,514	1,514	1,514	1,514	1,514	1,514	1,514	1,514	1,516	18,170
Maint Stn Common Struct &	HGM	265	PTF	NE	NHGZZZZZ	501	9550	No Escalation	796	796	796	796	796	796	796	796	796	796	796	794	9,550
Maint Stn Common Struct &	HGM	265	PWW	NE	NHGZZZZZ	501	2550	No Escalation	213	213	213	213	213	213	213	213	213	213	213	207	2,550
Maint Stn Common Struct &	HGM	265	RST	NE	NHGZZZZZ	501	38750	No Escalation	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,231	38,750

NonLabor Input Sheet - NonProject/NonProgram
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Resp Area (RA) _____

Prepared by kklein
Date 3/23/05

OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Stn Common Struct &	HGM	265	RST	NS	NHGZZZZZ	501	250	No Escalation	21	21	21	21	21	21	21	21	21	21	21	19	250
Maint Stn Common Struct &	HGM	265	RTF	NE	NHGZZZZZ	501	2830	No Escalation	236	236	236	236	236	236	236	236	236	236	236	234	2,830
Maint Stn Common Struct &	HGM	265	RW1	NE	NHGZZZZZ	501	2090	No Escalation	174	174	174	174	174	174	174	174	174	174	174	176	2,090
Maint Stn Common Struct &	HGM	265	RWT	NE	NHGZZZZZ	501	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Stn Common Struct &	HGM	265	SST	NE	NHGZZZZZ	501	114950	No Escalation	9,579	9,579	9,579	9,579	9,579	9,579	9,579	9,579	9,579	9,579	9,579	9,581	114,950
Maint Stn Common Struct &	HGM	265	STF	NE	NHGZZZZZ	501	5660	No Escalation	472	472	472	472	472	472	472	472	472	472	472	468	5,660
Maint Stn Common Struct &	HGM	265	SWT	NE	NHGZZZZZ	501	600	No Escalation	50	50	50	50	50	50	50	50	50	50	50	50	600
Maint Stn Common Struct &	HGM	265	SWW	NE	NHGZZZZZ	501	230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Maint Stn Common Struct &	HGM	265	UHY	NE	NHGZZZZZ	501	950	No Escalation	79	79	79	79	79	79	79	79	79	79	79	81	950
Maint Stn Common Struct &	HGM	265	VHY	NE	NHGZZZZZ	501	2600	No Escalation	217	217	217	217	217	217	217	217	217	217	217	213	2,600
Maint St Common Misc Equi	HGM	266	ANS	NE	NHGZZZZZ	501	21930	No Escalation	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,822	21,930
Maint St Common Misc Equi	HGM	266	P01	NE	NHGZZZZZ	501	47550	No Escalation	3,963	3,963	3,963	3,963	3,963	3,963	3,963	3,963	3,963	3,963	3,963	3,957	47,550
Maint St Common Misc Equi	HGM	266	RST	NE	NHGZZZZZ	501	14080	No Escalation	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,177	14,080
Maint St Common Misc Equi	HGM	266	SST	NE	NHGZZZZZ	501	5610	No Escalation	468	468	468	468	468	468	468	468	468	468	468	462	5,610
Maint St Common Misc Equi	HGM	268	P01	NE	NHGZZZZZ	501	970	No Escalation	81	81	81	81	81	81	81	81	81	81	81	79	970
Maint St Common Misc Equi	HGM	268	PTF	NE	NHGZZZZZ	501	3750	No Escalation	313	313	313	313	313	313	313	313	313	313	313	307	3,750
Maint St Common Misc Equi	HGM	268	SST	NE	NHGZZZZZ	501	54350	No Escalation	4,529	4,529	4,529	4,529	4,529	4,529	4,529	4,529	4,529	4,529	4,529	4,531	54,350
Maint Fuel Feed System-Pre	HGM	269	A15	NE	NHGZZZZZ	501	4640	No Escalation	387	387	387	387	387	387	387	387	387	387	387	383	4,640
Maint Fuel Feed System-Pre	HGM	269	RST	NE	NHGZZZZZ	501	210	No Escalation	18	18	18	18	18	18	18	18	18	18	18	12	210
Maint Fuel Feed System-Pre	HGM	270	RST	NE	NHGZZZZZ	501	1610	No Escalation	134	134	134	134	134	134	134	134	134	134	134	136	1,610
Maint Fuel Feed System-Co	HGM	271	P01	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Maint Fuel Feed System-Co	HGM	271	P03	NE	NHGZZZZZ	501	8160	No Escalation	680	680	680	680	680	680	680	680	680	680	680	680	8,160
Maint Fuel Feed System-Co	HGM	271	R05	NE	NHGZZZZZ	501	4750	No Escalation	396	396	396	396	396	396	396	396	396	396	396	394	4,750
Maint Fuel Feed System-Co	HGM	271	R06	NE	NHGZZZZZ	501	11930	No Escalation	994	994	994	994	994	994	994	994	994	994	994	996	11,930
Maint Fuel Feed System-Co	HGM	271	RST	NE	NHGZZZZZ	501	5080	No Escalation	423	423	423	423	423	423	423	423	423	423	423	427	5,080
Maint Fuel Feed System-Co	HGM	271	S04	NE	NHGZZZZZ	501	1150	No Escalation	96	96	96	96	96	96	96	96	96	96	96	94	1,150
Maint Fuel Feed System-Co	HGM	271	SST	NE	NHGZZZZZ	501	480	No Escalation	40	40	40	40	40	40	40	40	40	40	40	40	480
Maint Combust Turbine & El	HGM	272	P03	NE	NHGZZZZZ	501	11360	No Escalation	947	947	947	947	947	947	947	947	947	947	947	943	11,360
Maint Combust Turbine & El	HGM	273	P03	NE	NHGZZZZZ	501	15540	No Escalation	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	15,540
Maint Combust Turbine & El	HGM	274	A01	NE	NHGZZZZZ	501	1100	No Escalation	92	92	92	92	92	92	92	92	92	92	92	88	1,100
Maint Combust Turbine & El	HGM	274	P03	NE	NHGZZZZZ	501	6370	No Escalation	531	531	531	531	531	531	531	531	531	531	531	529	6,370
Maint Int Combust Eng & Re	HGM	275	A11	NE	NHGZZZZZ	501	230	No Escalation	19	19	19	19	19	19	19	19	19	19	19	21	230
Maint Int Combust Eng & Re	HGM	275	A15	NE	NHGZZZZZ	501	330	No Escalation	28	28	28	28	28	28	28	28	28	28	28	22	330
Maint Int Combust Eng & Re	HGM	275	A16	NE	NHGZZZZZ	501	240	No Escalation	20	20	20	20	20	20	20	20	20	20	20	20	240
Maint Int Combust Eng & Re	HGM	275	A17	NE	NHGZZZZZ	501	280	No Escalation	23	23	23	23	23	23	23	23	23	23	23	27	280
Maint Int Combust Eng & Re	HGM	277	CNS	NE	NHGZZZZZ	501	2270	No Escalation	189	189	189	189	189	189	189	189	189	189	189	191	2,270
Maint Int Combust Eng & Re	HGM	277	D24	NE	NHGZZZZZ	501	350	No Escalation	29	29	29	29	29	29	29	29	29	29	29	31	350
Maint Int Combust Eng & Re	HGM	277	D26	NE	NHGZZZZZ	501	170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	170

NonLabor Input Sheet - NonProject/NonProgram
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Resp Area (RA) ____

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OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Maint Int Combust Eng & Re	HGM	277	D27	NE	NHGZZZZZ	501	340	No Escalation	28	28	28	28	28	28	28	28	28	28	28	32	340
Maint Renew Energy & Rel E	HGM	278	U02	NE	NHGZZZZZ	501	530	No Escalation	44	44	44	44	44	44	44	44	44	44	44	46	530
Maint Renew Energy & Rel E	HGM	278	V01	NE	NHGZZZZZ	501	13620	No Escalation	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	13,620
Maint Renew Energy & Rel E	HGM	278	V02	NE	NHGZZZZZ	501	460	No Escalation	38	38	38	38	38	38	38	38	38	38	38	42	460
Maint Renew Energy & Rel E	HGM	280	U01	NE	NHGZZZZZ	501	25690	No Escalation	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,139	25,690
Maint Renew Energy & Rel E	HGM	280	U02	NE	NHGZZZZZ	501	33620	No Escalation	2,802	2,802	2,802	2,802	2,802	2,802	2,802	2,802	2,802	2,802	2,802	2,798	33,620
Maint Renew Energy & Rel E	HGM	280	UHY	NE	NHGZZZZZ	501	2260	No Escalation	188	188	188	188	188	188	188	188	188	188	188	192	2,260
Maint Renew Energy & Rel E	HGM	280	V01	NE	NHGZZZZZ	501	7030	No Escalation	586	586	586	586	586	586	586	586	586	586	586	584	7,030
Maint Renew Energy & Rel E	HGM	280	V02	NS	NHGZZZZZ	501	3400	No Escalation	283	283	283	283	283	283	283	283	283	283	283	287	3,400
Maint Renew Energy & Rel E	HGM	280	VHY	NE	NHGZZZZZ	501	2220	No Escalation	185	185	185	185	185	185	185	185	185	185	185	185	2,220
Maint Substation Trans Struc	HGM	353	ANS	NE	NHGZZZZZ	501	2940	No Escalation	245	245	245	245	245	245	245	245	245	245	245	245	2,940
Attend Training	HGM	789	ANS	NE	NHGZZZZZ	501	330	No Escalation	28	28	28	28	28	28	28	28	28	28	28	22	330
Attend Training	HGM	789	HPM	NE	NHGZZZZZ	501	57000	No Escalation	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	57,000
Attend Training	HGM	789	HPM	NS	NHGZZZZZ	501	260	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Attend Safety Training	HGM	797	ANS	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing-Wastewate	HGM	876	SST	NE	NHGZZZZZ	501	1230	No Escalation	103	103	103	103	103	103	103	103	103	103	103	97	1,230
Care for Buildings & Grounds	HGM	931	ANS	NE	NHGZZZZZ	501	4250	No Escalation	354	354	354	354	354	354	354	354	354	354	354	356	4,250
Care for Buildings & Grounds	HGM	931	RST	NE	NHGZZZZZ	501	630	No Escalation	53	53	53	53	53	53	53	53	53	53	53	47	630
Care for Buildings & Grounds	HGM	931	SST	NE	NHGZZZZZ	501	3120	No Escalation	260	260	260	260	260	260	260	260	260	260	260	260	3,120
Provide & Manage Services-	HGM	934	ANS	NE	NHGZZZZZ	501	3110	No Escalation	259	259	259	259	259	259	259	259	259	259	259	261	3,110
Provide & Manage Services-	HGM	936	ANS	NE	NHGZZZZZ	501	2580	No Escalation	215	215	215	215	215	215	215	215	215	215	215	215	2,580
							1753310	No Escalation	146,109	146,109	146,109	146,109	146,109	146,109	146,109	146,109	146,109	146,109	146,109	146,111	1,753,310
Manage Fuel Supply Procure	HGP	220	P01	NE	NHGZZZZZ	501	9220	No Escalation	768	768	768	768	768	768	768	768	768	768	768	772	9,220
Mnge O&M Fuel Facil	HGP	230	P01	NE	NHGZZZZZ	501	800	No Escalation	67	67	67	67	67	67	67	67	67	67	67	63	800
Op & Mon Plt Eq (Make Rou	HGP	242	P01	NE	NHGZZZZZ	501	8850	No Escalation	738	738	738	738	738	738	738	738	738	738	738	732	8,850
Op & Mon Plt Eq (Make Rou	HGP	244	P03	NE	NHGZZZZZ	501	14810	No Escalation	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,234	1,236	14,810
Perf Water Treatment & Ana	HGP	248	P01	NE	NHGZZZZZ	501	1870	No Escalation	156	156	156	156	156	156	156	156	156	156	156	154	1,870
Maint Boiler Plt & Rel Eq-Co	HGP	259	P01	NE	NHGZZZZZ	501	3690	No Escalation	308	308	308	308	308	308	308	308	308	308	308	302	3,690
Maint Steam TurboGen & Re	HGP	262	P01	NE	NHGZZZZZ	501	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Maint Stn Common Struct &	HGP	263	PTF	NE	NHGZZZZZ	501	990	No Escalation	83	83	83	83	83	83	83	83	83	83	83	77	990
Maint Stn Common Struct &	HGP	265	PST	NE	NHGZZZZZ	501	150	No Escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Maint Stn Common Struct &	HGP	265	PWW	NE	NHGZZZZZ	501	2310	No Escalation	193	193	193	193	193	193	193	193	193	193	193	187	2,310
Maint St Common Misc Equi	HGP	266	P01	NE	NHGZZZZZ	501	200	No Escalation	17	17	17	17	17	17	17	17	17	17	17	13	200
Maint Fuel Feed System-Co	HGP	271	P01	NE	NHGZZZZZ	501	250	No Escalation	21	21	21	21	21	21	21	21	21	21	21	19	250
Attend Training	HGP	789	PST	NE	NHGZZZZZ	501	10500	No Escalation	875	875	875	875	875	875	875	875	875	875	875	875	10,500
Attend Safety Training	HGP	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGP	875	P03	NE	NHGZZZZZ	501	1080	No Escalation	90	90	90	90	90	90	90	90	90	90	90	90	1,080

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Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Comply Ongoing-Wastewate	HGP	876	P01	NE	NHGZZZZZ	501	1480	No Escalation	123	123	123	123	123	123	123	123	123	123	123	127	1,480
Comply Ongoing-Wastewate	HGP	876	P01	NS	NHGZZZZZ	501	1900	No Escalation	158	158	158	158	158	158	158	158	158	158	158	162	1,900
Comply Ongoing-Solid & Ha	HGP	877	P01	NE	NHGZZZZZ	501	15880	No Escalation	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,327	15,880
Comply Ongoing-Solid & Ha	HGP	877	P03	NE	NHGZZZZZ	501	2150	No Escalation	179	179	179	179	179	179	179	179	179	179	179	181	2,150
Comply Ongoing-Solid & Ha	HGP	878	P01	NE	NHGZZZZZ	501	35030	No Escalation	2,919	2,919	2,919	2,919	2,919	2,919	2,919	2,919	2,919	2,919	2,919	2,921	35,030
Comply Ongoing-Solid & Ha	HGP	878	P03	NE	NHGZZZZZ	501	170	No Escalation	14	14	14	14	14	14	14	14	14	14	14	16	170
Care for Buildings & Ground	HGP	931	P03	NE	NHGZZZZZ	501	3300	No Escalation	275	275	275	275	275	275	275	275	275	275	275	275	3,300
Care for Buildings & Ground	HGP	931	PST	NE	NHGZZZZZ	501	12520	No Escalation	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,047	12,520
Repair Buildings & Grounds	HGP	932	P01	NE	NHGZZZZZ	501	980	No Escalation	82	82	82	82	82	82	82	82	82	82	82	78	980
Repair Buildings & Grounds	HGP	932	PST	NE	NHGZZZZZ	501	1840	No Escalation	153	153	153	153	153	153	153	153	153	153	153	157	1,840
Provide & Manage Services-	HGP	934	P03	NE	NHGZZZZZ	501	2200	No Escalation	183	183	183	183	183	183	183	183	183	183	183	187	2,200
Provide & Manage Services-	HGP	934	PST	NE	NHGZZZZZ	501	4270	No Escalation	356	356	356	356	356	356	356	356	356	356	356	354	4,270
Provide & Manage Services-	HGP	936	P03	NE	NHGZZZZZ	501	930	No Escalation	78	78	78	78	78	78	78	78	78	78	78	72	930
Provide & Manage Services-	HGP	936	PST	NE	NHGZZZZZ	501	1790	No Escalation	149	149	149	149	149	149	149	149	149	149	149	151	1,790
							140050	No Escalation	11,671	11,671	11,671	11,671	11,671	11,671	11,671	11,671	11,671	11,671	11,671	11,669	140,050
Administer 'Firm Capacity' C	HGT	121	HEL	NS	NHGZZZZZ	501	1940	No Escalation	162	162	162	162	162	162	162	162	162	162	162	158	1,940
Maint Steam TurboGen & Re	HGT	260	RST	NS	NHGZZZZZ	501	410	No Escalation	34	34	34	34	34	34	34	34	34	34	34	36	410
Maint Stn Common Struct &	HGT	265	UHY	NE	NHGZZZZZ	501	270	No Escalation	23	23	23	23	23	23	23	23	23	23	23	17	270
Attend Training	HGT	789	RST	NS	NHGZZZZZ	501	18500	No Escalation	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,538	18,500
Attend Safety Training	HGT	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
							21620	No Escalation	1,802	1,802	1,802	1,802	1,802	1,802	1,802	1,802	1,802	1,802	1,802	1,798	21,620
Mnge Procurmt of Fuel Tmsp	HGW	222	SST	NE	NHGZZZZZ	501	1030	No Escalation	86	86	86	86	86	86	86	86	86	86	86	84	1,030
Op & Mon Plt Eq (Make Rou	HGW	242	S03	NE	NHGZZZZZ	501	310	No Escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Op & Mon Plt Eq (Make Rou	HGW	242	S04	NE	NHGZZZZZ	501	310	No Escalation	26	26	26	26	26	26	26	26	26	26	26	24	310
Op & Mon Plt Eq (Make Rou	HGW	242	SST	NE	NHGZZZZZ	501	141870	No Escalation	11,823	11,823	11,823	11,823	11,823	11,823	11,823	11,823	11,823	11,823	11,823	11,817	141,870
Maint St Common Misc Equi	HGW	266	SST	NE	NHGZZZZZ	501	760	No Escalation	63	63	63	63	63	63	63	63	63	63	63	67	760
Attend Training	HGW	789	SST	NE	NHGZZZZZ	501	13500	No Escalation	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	13,500
Attend Safety Training	HGW	797	HEL	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGW	875	RST	NE	NHGZZZZZ	501	180	No Escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Comply Ongoing Permit/Reg	HGW	875	SST	NS	NHGZZZZZ	501	1690	No Escalation	141	141	141	141	141	141	141	141	141	141	141	139	1,690
Comply Ongoing-Wastewate	HGW	876	SST	NE	NHGZZZZZ	501	8480	No Escalation	707	707	707	707	707	707	707	707	707	707	707	703	8,480
Comply Ongoing-Solid & Ha	HGW	877	SST	NE	NHGZZZZZ	501	7710	No Escalation	643	643	643	643	643	643	643	643	643	643	643	637	7,710
Comply Ongoing-Solid & Ha	HGW	877	SST	NS	NHGZZZZZ	501	14390	No Escalation	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,201	14,390
Care for Buildings & Ground	HGW	931	SST	NE	NHGZZZZZ	501	37410	No Escalation	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,118	3,112	37,410
Provide & Manage Services-	HGW	934	SST	NE	NHGZZZZZ	501	1770	No Escalation	148	148	148	148	148	148	148	148	148	148	148	142	1,770
Provide & Manage Services-	HGW	936	SST	NE	NHGZZZZZ	501	2280	No Escalation	190	190	190	190	190	190	190	190	190	190	190	190	2,280

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 3/23/05

OUTSIDE SERVICES - GENERAL (501)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
							232190	No Escalation	19,349	19,349	19,349	19,349	19,349	19,349	19,349	19,349	19,349	19,349	19,349	19,351	232,190
Maint Stn Common Struct &	HGX	263	P03	NE	NHGZZZZZ	501	2730	No Escalation	228	228	228	228	228	228	228	228	228	228	228	222	2,730
Maint Stn Common Struct &	HGX	263	PT2	NE	NHGZZZZZ	501	1610	No Escalation	134	134	134	134	134	134	134	134	134	134	134	136	1,610
Maint Stn Common Struct &	HGX	265	PT2	NE	NHGZZZZZ	501	1770	No Escalation	148	148	148	148	148	148	148	148	148	148	148	142	1,770
Maint St Common Misc Equi	HGX	266	ANS	NE	NHGZZZZZ	501	17920	No Escalation	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,497	17,920
Maint St Common Misc Equi	HGX	266	BNS	NE	NHGZZZZZ	501	11530	No Escalation	961	961	961	961	961	961	961	961	961	961	961	959	11,530
Maint Combust Turbine & El	HGX	272	A01	NE	NHGZZZZZ	501	6070	No Escalation	506	506	506	506	506	506	506	506	506	506	506	504	6,070
Maint Combust Turbine & El	HGX	274	A01	NE	NHGZZZZZ	501	530	No Escalation	44	44	44	44	44	44	44	44	44	44	44	46	530
Maint Combust Turbine & El	HGX	274	P03	NE	NHGZZZZZ	501	10710	No Escalation	893	893	893	893	893	893	893	893	893	893	893	887	10,710
Maint Int Combust Eng & Re	HGX	275	A15	NE	NHGZZZZZ	501	120	No Escalation	10	10	10	10	10	10	10	10	10	10	10	10	120
Maint Int Combust Eng & Re	HGX	275	A17	NE	NHGZZZZZ	501	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Int Combust Eng & Re	HGX	275	B12	NE	NHGZZZZZ	501	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Int Combust Eng & Re	HGX	275	B13	NE	NHGZZZZZ	501	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Int Combust Eng & Re	HGX	275	B14	NE	NHGZZZZZ	501	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Int Combust Eng & Re	HGX	275	C21	NE	NHGZZZZZ	501	2270	No Escalation	189	189	189	189	189	189	189	189	189	189	189	191	2,270
Maint Int Combust Eng & Re	HGX	275	C22	NE	NHGZZZZZ	501	2080	No Escalation	173	173	173	173	173	173	173	173	173	173	173	177	2,080
Maint Int Combust Eng & Re	HGX	275	D24	NE	NHGZZZZZ	501	520	No Escalation	43	43	43	43	43	43	43	43	43	43	43	47	520
Maint Int Combust Eng & Re	HGX	275	D26	NE	NHGZZZZZ	501	450	No Escalation	38	38	38	38	38	38	38	38	38	38	38	32	450
Maint Int Combust Eng & Re	HGX	276	ANS	NE	NHGZZZZZ	501	40150	No Escalation	3,346	3,346	3,346	3,346	3,346	3,346	3,346	3,346	3,346	3,346	3,346	3,344	40,150
Maint Int Combust Eng & Re	HGX	277	A11	NE	NHGZZZZZ	501	11650	No Escalation	971	971	971	971	971	971	971	971	971	971	971	969	11,650
Maint Int Combust Eng & Re	HGX	277	A17	NE	NHGZZZZZ	501	260	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Maint Int Combust Eng & Re	HGX	277	ANS	NE	NHGZZZZZ	501	111290	No Escalation	9,274	9,274	9,274	9,274	9,274	9,274	9,274	9,274	9,274	9,274	9,274	9,276	111,290
Maint Int Combust Eng & Re	HGX	277	B13	NE	NHGZZZZZ	501	620	No Escalation	52	52	52	52	52	52	52	52	52	52	52	48	620
Maint Int Combust Eng & Re	HGX	277	B14	NE	NHGZZZZZ	501	320	No Escalation	27	27	27	27	27	27	27	27	27	27	27	23	320
Maint Int Combust Eng & Re	HGX	277	BNS	NE	NHGZZZZZ	501	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Maint Int Combust Eng & Re	HGX	277	D24	NE	NHGZZZZZ	501	2540	No Escalation	212	212	212	212	212	212	212	212	212	212	212	208	2,540
Maint Int Combust Eng & Re	HGX	277	D26	NE	NHGZZZZZ	501	1930	No Escalation	161	161	161	161	161	161	161	161	161	161	161	159	1,930
Attend Training	HGX	789	ANS	NS	NHGZZZZZ	501	25500	No Escalation	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	25,500
Provide & Manage Fire Prote	HGX	796	P03	NE	NHGZZZZZ	501	1520	No Escalation	127	127	127	127	127	127	127	127	127	127	127	123	1,520
Attend Safety Training	HGX	797	ANS	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGX	875	D24	NE	NHGZZZZZ	501	620	No Escalation	52	52	52	52	52	52	52	52	52	52	52	48	620
Comply Ongoing Permit/Reg	HGX	875	D26	NE	NHGZZZZZ	501	620	No Escalation	52	52	52	52	52	52	52	52	52	52	52	48	620
Care for Buildings & Ground	HGX	931	ANS	NE	NHGZZZZZ	501	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
							256930	No Escalation	21,411	21,411	21,411	21,411	21,411	21,411	21,411	21,411	21,411	21,411	21,411	21,409	256,930
Grand Total	0	0	0	0	0	0	3021902	No Escalation	251,825	251,825	251,825	251,825	251,825	251,825	251,825	251,825	251,825	251,825	251,825	245,147	3,015,222

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGA	120	HEL	NS	NHGZZZZZ	501	Administer 'As Available' Contra	-	-	-	130	-	-	33	-
HGA	121	HEL	NS	NHGZZZZZ	501	Administer 'Firm Capacity' Contr	-	-	-	83	-	-	21	-
HGA	122	HEL	NE	NHGZZZZZ	501	Evaluate & Negotiate New Contr	-	221	-	-	-	-	-	-
HGA	122	HEL	NS	NHGZZZZZ	501	Evaluate & Negotiate New Contr	-	-	-	-	-	-	-	-
HGA	122	HEL	NS	NHGZZZZZ	501	Evaluate & Negotiate New Contr	47	324	363	178	104	-	161	-
HGA	200	CNS	NS	NHGZZZZZ	501	Develop Generation Forecasts	-	53	-	-	-	-	-	-
HGA	200	P03	NS	NHGZZZZZ	501	Develop Generation Forecasts	-	40	-	-	-	-	-	-
HGA	200	RST	NS	NHGZZZZZ	501	Develop Generation Forecasts	-	-	-	-	200	-	50	-
HGA	201	ANS	NS	NHGZZZZZ	501	Perform Generation Planning St	40	-	-	-	-	-	-	-
HGA	201	CNS	NS	NHGZZZZZ	501	Perform Generation Planning St	381	-	-	-	-	-	-	-
HGA	201	HEL	NS	NHGZZZZZ	501	Perform Generation Planning St	-	-	18,037	(4,165)	-	-	3,468	-
HGA	201	RST	NS	NHGZZZZZ	501	Perform Generation Planning St	-	93	-	-	-	-	-	-
HGA	210	C02	NE	NHGZZZZZ	501	Plan & Approve Projects	-	45	-	-	-	-	-	-
HGA	210	C02	NS	NHGZZZZZ	501	Plan & Approve Projects	379	-	-	-	-	-	-	-
HGA	210	C04	NE	NHGZZZZZ	501	Plan & Approve Projects	-	-	-	-	-	-	-	-
HGA	210	C04	NS	NHGZZZZZ	501	Plan & Approve Projects	-	-	-	-	-	-	-	-
HGA	210	CNS	NS	NHGZZZZZ	501	Plan & Approve Projects	66	-	-	-	-	-	-	-
HGA	210	RST	NS	NHGZZZZZ	501	Plan & Approve Projects	41	-	-	-	-	-	-	-
HGA	211	ANS	NE	NHGZZZZZ	501	Engr, Design & Manage Projects	780	1,817	1,317	1,494	1,260	937	1,252	1,300
HGA	211	ANS	NE	NHGZZZZZ	501	Engr, Design & Manage Projects	-	-	-	-	-	-	-	-
HGA	211	RST	NE	NHGZZZZZ	501	Engr, Design & Manage Projects	-	-	-	-	-	-	-	-
HGA	220	ANS	NS	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	-	51	-	-	13	-
HGA	220	PNS	NS	NHGZZZZZ	501	Manage Fuel Supply Procureme	51	-	-	-	-	-	-	-
HGA	220	RST	NE	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	44	-	-	-	-	-	-
HGA	220	RST	NS	NHGZZZZZ	501	Manage Fuel Supply Procureme	178	7	-	162	-	-	41	-
HGA	222	P03	NE	NHGZZZZZ	501	Mnge Procurmt of Fuel Trnspt &	316	-	-	-	-	-	-	-
HGA	222	RST	NE	NHGZZZZZ	501	Mnge Procurmt of Fuel Trnspt &	40	-	-	-	-	-	-	-
HGA	230	P03	NS	NHGZZZZZ	501	Mnge O&M Fuel Facil	41	-	-	-	-	-	-	-
HGA	230	RST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	1,996	-	9,692	9,267	4,055	5,754	6,000
HGA	230	RST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGA	230	RST	NS	NHGZZZZZ	501	Mnge O&M Fuel Facil	42	-	-	-	1,302	-	326	-
HGA	231	RST	NS	NHGZZZZZ	501	Mnge Fuel Del Opns & Inventory	14	47	-	-	-	-	-	-
HGA	240	ANS	NE	NHGZZZZZ	501	Develop & Maintain Policies & P	4,225	3,614	4,352	4,053	4,187	3,081	3,918	4,080
HGA	240	ANS	NE	NHGZZZZZ	501	Develop & Maintain Policies & P	-	-	-	-	-	-	-	-
HGA	240	ANS	NS	NHGZZZZZ	501	Develop & Maintain Policies & P	151	-	81	-	-	-	20	-
HGA	240	CNS	NS	NHGZZZZZ	501	Develop & Maintain Policies & P	-	-	-	-	-	-	-	-
HGA	240	RST	NS	NHGZZZZZ	501	Develop & Maintain Policies & P	478	53	130	391	-	-	130	-
HGA	241	RST	NE	NHGZZZZZ	501	Operate & Monitor Fuel Feed Sy	30,589	-	-	-	-	-	-	-
HGA	241	SST	NE	NHGZZZZZ	501	Operate & Monitor Fuel Feed Sy	30,589	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGA	242	R05	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	1,094	-	274	-
HGA	242	R06	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	433	-	-	-	-	-	-	-
HGA	242	RST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	57	69	-	2,937	-	-	734	-
HGA	242	RST	NS	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	6,828	13,421	5,062	13,500
HGA	242	RST	NS	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGA	242	S03	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	272	-	(75)	-	-	-	(19)	-
HGA	242	S04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	163	-	(75)	-	-	-	(19)	-
HGA	242	SST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	135	-	-	-	-	-	-	-
HGA	244	A01	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	21	-	5	-
HGA	245	R06	NE	NHGZZZZZ	501	Mon Plt/Opml Performance-Boil	1,024	-	-	-	-	-	-	-
HGA	245	RST	NE	NHGZZZZZ	501	Mon Plt/Opml Performance-Boil	1,389	8,918	12,074	15,057	2,242	-	7,343	-
HGA	245	RST	NS	NHGZZZZZ	501	Mon Plt/Opml Performance-Boil	-	52	348	114	120	118	175	180
HGA	245	SST	NE	NHGZZZZZ	501	Mon Plt/Opml Performance-Boil	473	3,683	2,818	8,851	2,219	-	3,472	-
HGA	248	P01	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	4,414	-	-	-	-	-	-	-
HGA	248	RST	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	2,177	-	-	-	-	-	-	-
HGA	248	S03	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	(525)	-	-	-	-	-	-	-
HGA	248	S04	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	(275)	-	-	-	-	-	-	-
HGA	259	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	22	51	5	-	-	14	-
HGA	263	RW1	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	622	-	-	-	-	-	-	-
HGA	265	RTF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	1,303	-	-	326	-
HGA	272	A01	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	130	-	-	33	-
HGA	300	HAK	NS	NHGZZZZZ	501	Perform Transmission Planning	-	-	-	45	-	-	11	-
HGA	375	A01	NE	NHGZZZZZ	501	Schedule Generation Resources	62	-	-	-	-	-	-	-
HGA	375	AOC	NE	NHGZZZZZ	501	Schedule Generation Resources	344	394	416	449	464	497	456	480
HGA	375	AOC	NE	NHGZZZZZ	501	Schedule Generation Resources	-	-	-	-	Scada now paid thru H... 1100			-
HGA	376	HAH	NE	NHGZZZZZ	501	Dispatch & Mon Gen/Trans SCA	34,453	35,473	36,194	37,413	63,755	41,720	44,770	-
HGA	376	HAH	NS	NHGZZZZZ	501	Dispatch & Mon Gen/Trans SCA	500	-	-	-	-	-	-	-
HGA	700	ANS	NS	NHGZZZZZ	501	Develop & Administer Business	106	-	-	-	-	-	-	-
HGA	700	CNS	NE	NHGZZZZZ	501	Develop & Administer Business	83	-	-	-	-	-	-	-
HGA	700	HPM	NS	NHGZZZZZ	501	Develop & Administer Business	-	-	-	-	-	117	29	-
HGA	700	HPO	NS	NHGZZZZZ	501	Develop & Administer Business	-	-	412	216	597	254	370	390
HGA	700	RST	NS	NHGZZZZZ	501	Develop & Administer Business	40	-	-	-	-	-	-	-
HGA	701	RST	NE	NHGZZZZZ	501	Develop & Manage Forecasts	1,910	-	-	-	-	-	-	-
HGA	720	HPO	NS	NHGZZZZZ	501	Improve Business Processes	-	-	101	-	-	-	25	-
HGA	730	HEL	NS	NHGZZZZZ	501	Research New Technology	-	-	-	-	-	82	21	-
HGA	745	ANS	NS	NHGZZZZZ	501	Maintain Rel w/Legis & Govt Ag	189	28	-	-	-	-	-	-
HGA	749	HPO	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade A	-	-	-	-	-	-	-	-
HGA	749	PNS	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade A	34	-	-	-	-	-	-	-
HGA	749	PST	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade A	27	-	-	-	-	-	-	-
HGA	749	RST	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade A	72	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGA	753	C02	NS	NHGZZZZZ	501	Maintain Relations with Commur	-	112	-	-	-	-	-	-
HGA	753	HPO	NS	NHGZZZZZ	501	Maintain Relations with Commur	-	-	-	-	-	-	-	-
HGA	753	PNS	NS	NHGZZZZZ	501	Maintain Relations with Commur	-	204	-	-	-	-	-	-
HGA	753	PST	NS	NHGZZZZZ	501	Maintain Relations with Commur	-	136	-	-	-	-	-	-
HGA	753	RST	NS	NHGZZZZZ	501	Maintain Relations with Commur	-	360	-	-	-	-	-	-
HGA	785	ANS	NS	NHGZZZZZ	501	Plan for & Deter Emp Trng & De	30	44	-	-	-	-	-	-
HGA	785	RST	NS	NHGZZZZZ	501	Plan for & Deter Emp Trng & De	-	43	-	-	-	-	-	-
HGA	789	ANS	NS	NHGZZZZZ	501	Attend Training	-	398	-	-	-	150	38	-
HGA	789	C02	NS	NHGZZZZZ	501	Attend Training	-	-	-	196	-	-	49	-
HGA	789	CNS	NS	NHGZZZZZ	501	Attend Training	-	-	-	225	-	-	56	-
HGA	**789**	**HPO**	**NS**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	**2,020**	**262**	**828**	**11,587**	**3,674**	**12,000**
HGA	789	HPO	NS	NHGZZZZZ	501	Attend Training	-	-	-	-	-	-	-	-
HGA	789	PNS	NS	NHGZZZZZ	501	Attend Training	-	-	1,503	-	-	-	376	-
HGA	789	RST	NE	NHGZZZZZ	501	Attend Training	989	-	-	-	-	-	-	-
HGA	**789**	**RST**	**NS**	**NHGZZZZZ**	**501**	**Attend Training**	**1,983**	**1,572**	**4,650**	**5,157**	**4,391**	**1,624**	**3,955**	**43,500**
HGA	789	SST	NS	NHGZZZZZ	501	Attend Training	39	-	-	-	-	-	-	-
HGA	**797**	**HEL**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	-	-	-	-	**500**
HGA	797	RST	NS	NHGZZZZZ	501	Attend Safety Training	-	-	-	52	-	-	13	-
HGA	842	HEL	NC	NHGZZZZZ	501	Order Materials, Eq, Supplies &	-	59	-	-	-	-	-	-
HGA	842	HPO	NE	NHGZZZZZ	501	Order Materials, Eq, Supplies &	-	-	-	-	-	-	-	-
HGA	842	RST	NE	NHGZZZZZ	501	Order Materials, Eq, Supplies &	-	7	-	-	-	-	-	-
HGA	850	HEL	NC	NHGZZZZZ	501	Process Material & Transactions	-	-	1,064	-	-	-	266	-
HGA	860	PNS	NE	NHGZZZZZ	501	Determine Environmental Permi	38	-	-	-	-	-	-	-
HGA	860	RST	NE	NHGZZZZZ	501	Determine Environmental Permi	120	-	-	-	-	-	-	-
HGA	860	SST	NE	NHGZZZZZ	501	Determine Environmental Permi	41	-	-	-	-	-	-	-
HGA	865	ANS	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-Ai	-	-	-	-	-	-	-	-
HGA	865	P01	NE	NHGZZZZZ	501	Apply for & Obt Envir Permits-Ai	-	-	-	231	-	-	58	-
HGA	865	P01	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-Ai	-	-	-	77	-	-	19	-
HGA	865	SST	NE	NHGZZZZZ	501	Apply for & Obt Envir Permits-Ai	7	-	-	-	-	-	-	-
HGA	865	SST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-Ai	14	-	-	-	-	-	-	-
HGA	866	RST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	147	-	-	-	-	-	-	-
HGA	866	SST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	108	-	-	-	-	-	-	-
HGA	867	CNS	NE	NHGZZZZZ	501	Apply for & Obt Land Use Permi	-	136	-	-	-	-	-	-
HGA	875	ANS	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	104	-	-	-	-	-	-	-
HGA	875	ANS	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	41	-	-	-	-	-	-	-
HGA	875	C02	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	45	-	-	-	-	-	-
HGA	875	CNS	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	43	87	-	-	-	-	-	-
HGA	875	D27	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	(100)	-	-	-	-	-	-	-
HGA	875	HPO	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	7	-	-	2	-
HGA	875	P01	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	51	-	-	-	13	-
														11

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGA	875	RST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	38	787	118	14	-	-	33	-
HGA	875	RST	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	468	79	1,228	422	-	-	412	-
HGA	875	SST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	8	-	2	-
HGA	875	SST	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	1,040	42	-	-	-	-	-	-
HGA	876	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGA	876	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	41	-	-	-	-	-	-	-
HGA	876	BNS	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGA	876	CNS	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	42	-	-	-	-	-	-	-
HGA	876	P01	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	41	-	-	-	-	-	-
HGA	876	RST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	44	-	-	329	-	82	-
HGA	876	RST	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	445	86	-	-	133	-
HGA	876	SST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	329	-	82	-
HGA	877	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	964	-	-	-	-	-	-
HGA	877	BNS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	100	-	-	-	-	-	-	-
HGA	877	CNS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	100	43	-	-	-	8,925	2,231	9,000
HGA	877	CNS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	39	43	-	-	-	-	-	-
HGA	877	HPO	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	136	-	50	-	-	13	-
HGA	877	P01	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	10,982	-	-	-	-	-	-	-
HGA	877	P01	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	99	-	-	25	-
HGA	877	P03	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	40	-	-	-	-	-	-	-
HGA	877	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	31,081	62	432	34	50	100	154	160
HGA	877	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGA	877	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	53,505	5,802	24,272	2,724	-	-	6,749	-
HGA	877	SST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	20,252	1,912	-	-	-	-	-	-
HGA	877	SST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	83	48	-	-	-	-	-	-
HGA	878	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	65	-	-	-	-	-	-	-
HGA	878	CNS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	117	-	-	-	-	-	-	-
HGA	878	HPO	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGA	878	P01	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	30	48	-	-	-	-	-	-
HGA	878	P03	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	32	-	-	-	-	-	-	-
HGA	878	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	194	-	1,673	-	-	418	-
HGA	878	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	86	-	271	298	81	-	163	-
HGA	878	SST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	65	-	-	-	-	-	-	-
HGA	878	SST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	61	-	-	-	-	-	-	-
HGA	879	CNS	NE	NHGZZZZZ	501	Apply for, Obtain, Comply Ongoi	-	1,710	483	-	-	-	121	-
HGA	931	ANS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	5,166	7,735	7,520	4,391	2,532	1,451	3,973	4,140
HGA	931	ANS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGA	931	AOC	NE	NHGZZZZZ	501	Care for Buildings & Grounds	2,362	-	226	-	-	-	57	-
HGA	931	HPO	NS	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGA	931	P03	NE	NHGZZZZZ	501	Care for Buildings & Grounds	47	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGA	931	PST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	37	-	-	-	-	-	-	-
HGA	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	99	-	-	-	-	-	-	-
HGA	931	SST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	40	-	-	-	-	-	-	-
HGA	931	UHY	NE	NHGZZZZZ	501	Care for Buildings & Grounds	162	192	224	240	210	322	249	260
HGA	931	UHY	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGA	932	ANS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	84	-	1,158	73	892	531	550
HGA	932	C02	NE	NHGZZZZZ	501	Repair Buildings & Grounds	14	-	-	-	-	-	-	-
HGA	932	CNS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	12	-	-	-	-	-	-	-
HGA	932	HPO	NS	NHGZZZZZ	501	Repair Buildings & Grounds	-	-	-	-	-	-	-	-
HGA	932	P03	NE	NHGZZZZZ	501	Repair Buildings & Grounds	24	-	-	-	-	-	-	-
HGA	932	PST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	2,069	-	-	-	-	-	-	-
HGA	932	RST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	223	-	-	764	-	-	191	200
HGA	934	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	2,605	2,379	2,822	3,647	3,648	3,648	3,441	3,590
HGA	934	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGA	965	HPO	NS	NHGZZZZZ	501	Provide Records Management S	-	-	-	-	-	-	-	-
							251,353	82,543	123,875	100,397	106,139	92,981	105,848	99,830
HGC	244	C02	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	2,526	-	-	631	-
HGC	244	C04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	722	181	1,000
HGC	244	C04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	**244**	**CNS**	**NE**	**NHGZZZZZ**	**501**	**Op & Mon Plt Eq (Make Round**	-	-	-	**185**	**2,189**	**3,884**	**1,564**	**5,200**
HGC	244	CNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGC	**247**	**C04**	**NS**	**NHGZZZZZ**	**501**	**Mon Plt/Oprnl Perform-NonSte**	-	-	-	-	-	**400**	**100**	**500**
HGC	789	CNS	NE	NHGZZZZZ	501	Attend Training	-	-	-	45	-	-	11	-
HGC	789	CNS	NS	NHGZZZZZ	501	Attend Training	-	-	-	350	225	-	144	-
HGC	797	HEL	NE	NHGZZZZZ	501	Attend Safety Training	-	-	-	-	-	-	-	-
HGC	875	CNS	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	42	-	-	-	10	-
							-	-	42	3,106	2,414	5,006	2,642	6,700
HGH	220	R06	NE	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	Hill Plume Program		-	50,204	25,102	26,170
HGH	220	R06	NE	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	-	-	-	-	-	-
HGH	220	RST	NE	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	-	-	2,630	-	-	-
HGH	222	RST	NS	NHGZZZZZ	501	Mnge Procurmt of Fuel Tmspt &	-	-	BUNKER F/O LINE SYSTEM DRAFTING			11,977	-	-
HGH	230	RST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	FUEL OIL LINE CLEANING			156,385	156,385	-
HGH	230	RST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGH	231	RST	NE	NHGZZZZZ	501	Mnge Fuel Del Opns & Inventory	-	-	-	1,303	-	-	326	340
HGH	241	RST	NE	NHGZZZZZ	501	Operate & Monitor Fuel Feed Sy	-	3,903	Tank sludge work		100,000	3,041	51,521	3,000
HGH	241	RST	NE	NHGZZZZZ	501	Operate & Monitor Fuel Feed Sy	-	-	-	-	-	-	-	-
HGH	242	R05	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	739	669	870	1,504	582	1,037	998	1,040
HGH	242	R05	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
									Retired					
HGH	242	R06	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	739	725	1,613	2,301	1,979	3,420	2,328	2,430
HGH	242	R06	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGH	242	RST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	12,290	14,013	16,690	16,455	13,582	16,297	15,756	16,420
HGH	242	RST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGH	242	SST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	518	511	521	523	522	516	521	540
HGH	242	SST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGH	244	ANS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	2,821	-	-	-	(292)	-	(73)	-
HGH	245	RST	NE	NHGZZZZZ	501	Mon Plt/Oprnl Performance-Boil	-	-	DELTA V CONFIGURATION W		14,291	-	7,146	-
HGH	246	R06	NE	NHGZZZZZ	501	Mon Plt/Oprnl Performance-Turt	-	19	-	-	-	-	-	-
HGH	248	R05	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	101	-	-	-	-	-	-	-
HGH	248	R06	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	-	-	-	-	245	-	61	-
HGH	248	RST	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	143	331	89,081	16,947	16,317	19,411	35,439	36,940
HGH	248	RST	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	-	-	-	-	-	-	-	-
HGH	257	RST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	-	-	365	-	-	-	91	-
HGH	259	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	59	10,164	-	-	-	-	-	-
HGH	259	R06	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	5,901	1,475	1,540
HGH	262	R05	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	632	-	-	-	-	-	-	-
HGH	262	S04	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	(2,940)	-	-	-	-	-	-	-
HGH	265	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	1,679	-	271	271	555	580
HGH	265	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGH	265	RST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	125	-	334	-	11,614	2,987	3,110
HGH	265	RWT	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	2,259	-	-	-	565	590
HGH	271	R06	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correc	2,052	-	-	-	-	-	-	-
HGH	277	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,616	-	-	-	-	-	-	-
HGH	375	AOC	NE	NHGZZZZZ	501	Schedule Generation Resources	-	-	1,817	1,922	1,784	2,109	1,908	1,990
HGH	375	AOC	NE	NHGZZZZZ	501	Schedule Generation Resources	-	-	-	-	-	-	-	-
HGH	753	RST	NS	NHGZZZZZ	501	Maintain Relations with Commu	-	-	-	-	2,292	-	573	600
HGH	789	HPO	NE	NHGZZZZZ	501	Attend Training	-	-	167	-	-	-	42	-
HGH	789	PNS	NE	NHGZZZZZ	501	Attend Training	-	-	774	-	-	1,262	509	-
HGH	**789**	**RST**	**NE**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	**104**	-	**14,561**	**3,666**	**13,500**
HGH	789	RST	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	-	-	-	-
HGH	**797**	**HEL**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	**130**	**285**	**193**	**152**	**500**
HGH	866	RST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	100	-	-	-	-	-	-	-
HGH	875	RST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	42	-	643	-	-	-	161	170
HGH	875	RST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGH	876	RST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	6,020	10,000	167	18,868	(15,699)	1,057	1,098	1,140
HGH	876	RST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	-
HGH	876	RST	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	-	9,941	2,485	2,590
HGH	877	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	1,578	-	-	395	410
HGH	877	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	416	1,685	-	-	-	421	440
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RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGH	877	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	5,220	-	-	-	1,305	1,360
HGH	878	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	6,247	-	-	-	374	-	94	-
HGH	878	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	162	41	-
HGH	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	12,186	13,857	18,236	24,356	18,589	14,238	18,855	19,650
HGH	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGH	931	VHY	NE	NHGZZZZZ	501	Care for Buildings & Grounds	1,828	3,656	3,656	4,039	2,874	550	2,780	2,900
HGH	932	RST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	163	182	873	-	2,529	896	930
HGH	934	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	10,680	9,756	11,571	14,589	14,592	14,592	13,836	14,420
HGH	934	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGH	936	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	6,197	11,658	6,730	5,949	7,059	7,633	6,843	7,130
HGH	936	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
							64,070	**79,965**	**163,926**	**111,775**	**182,277**	**348,901**	**357,241**	**160,430**
HGK	240	CNS	NE	NHGZZZZZ	501	Develop & Maintain Policies & P	515	1,199	894	828	828	628	795	830
HGK	240	CNS	NE	NHGZZZZZ	501	Develop & Maintain Policies & P	-	-	-	-	-	-	-	-
HGK	244	BNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	362	616	508	559	537	556	540	560
HGK	244	BNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGK	244	C02	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	1,992	1,169	1,114	1,399	2,503	1,809	1,706	1,780
HGK	244	C02	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGK	244	C04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	1,625	-	-	406	420
HGK	244	C05	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	611	153	160
HGK	244	C05	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGK	244	C18	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	C19	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	C20	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	C21	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	C22	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	C23	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	11	-	-	-	-	-	-	-
HGK	244	CNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	7,002	2,616	2,532	3,260	11,800	3,409	5,250	5,470
HGK	244	CNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGK	244	CNS	NS	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	353	-	-	-	-	-	-	-
HGK	247	C18	NE	NHGZZZZZ	501	Mon Plt/Opml Perform-NonStea	68	-	-	-	-	-	-	-
HGK	247	CNS	NE	NHGZZZZZ	501	Mon Plt/Opml Perform-NonStea	24,147	-	-	-	-	-	-	-
HGK	247	CNS	NS	NHGZZZZZ	501	Mon Plt/Opml Perform-NonStea	191	-	-	-	-	-	-	-
HGK	248	C02	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	4,042	13,539	130	-	-	-	32	-
HGK	248	C04	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	-	-	-	-	-	-	-	-
HGK	248	C05	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	-	-	-	-	-	-	-	-
HGK	248	CNS	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi	-	806	3,830	-	-	-	957	1,000
HGK	263	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	308	255	560	65,990	16,778	66,000
HGK	263	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGK	263	CWV	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	569	-	142	150
HGK	264	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	3,292	-	-	-	-	-	-
HGK	265	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	445	-	1,282	5,835	-	508	1,906	1,990
HGK	265	CNS	NS	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	230	-	-	-	57	-
HGK	265	CNS	NS	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGK	265	CWT	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	8,630	Overhaul Keahole Wtr Trmt		235,808	28,471	Diesel Spare Parts		-
HGK	266	CNS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	6,861	5,376	5,193	7,124	5,068	56,232	18,404	50,000
HGK	266	CNS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	-	-	-	-
HGK	266	CNS	NS	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	769	-	-	-	-	-	-	-
HGK	266	CWT	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	637	-	-	-	-	-	-	-
HGK	267	CWT	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	198	-	-	-	-	-	-	-
HGK	268	CNS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	3,183	2,490	-	-	-	274	69	-
HGK	268	CNS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	-	-	-	-	-
HGK	268	CWT	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	833	-	-	-	-	-	-	-
HGK	268	CWV	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	1,401	-	-	-	-	-	-	-
HGK	269	C02	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	135	-	-	-	-	-	-	-
HGK	269	CNS	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	-	-	-	-	-	1,669	417	430
HGK	272	C02	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	1,211	162	4,088	116	28	-	1,058	1,100
HGK	272	C02	NS	NHGZZZZZ	501	Maint Combust Turbine & Elec E	72	-	-	-	-	-	-	-
HGK	272	C04	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	80,182
HGK	272	C05	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	47	-	12	-
HGK	273	C02	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	148	-	37	-
HGK	274	C02	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	590	21,600	15,321	242	4,228	3,785	5,894	3,800
HGK	274	C02	NS	NHGZZZZZ	501	Maint Combust Turbine & Elec E	353	-	-	-	-	-	-	-
HGK	274	C04	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	3,527	882	3,500
HGK	274	C04	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	
HGK	274	C05	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	3,114	779	3,100
HGK	274	C05	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGK	274	OUT	BE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	409,301	(561,044)	-	-	-	(140,261)	-
HGK	275	C18	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	107	-	720	-	-	-	180	-
HGK	275	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	107	-	720	-	-	-	180	-
HGK	275	C20	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	107	-	765	-	-	-	191	-
HGK	275	C21	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	107	-	765	-	-	29,253	7,505	29,500
HGK	275	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	106	-	765	-	-	13,248	3,503	13,500
HGK	275	C23	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	106	-	765	-	-	-	191	200
HGK	275	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	677	14	-	-	229	313	136	140
HGK	275	D27	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	677	14	-	-	243	621	216	230
HGK	276	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	1,302	-	-	-	326	-
HGK	276	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	567	-	-	142	150
HGK	277	C18	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,171	1,819	3,711	-	-	-	928	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGK	277	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,889	3,234	13,459	11,495	6,171	-	7,781	-
HGK	277	C20	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,704	118,173	54,156	-	-	-	13,539	-
HGK	277	C21	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,502	-	2,051	2,822	4,299	297	2,367	2,470
HGK	277	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,750	-	30,318	1,700	-	-	8,005	8,340
HGK	277	C23	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,116	52	4,839	1,700	2,327	776	2,411	2,510
HGK	277	CNS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	20,132	-	5,033	5,250
HGK	277	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,291	3,506	1,199	3,500
HGK	277	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGK	277	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	938	-	235	240
HGK	277	D27	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	492	2,186	670	2,200
HGK	750	C04	NS	NHGZZZZZ	501	Maintain Relations with Custome	-	-	79	-	-	-	20	-
HGK	**789**	**CNS**	**NE**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	326	400	-	182	15,000
HGK	789	CNS	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	-	-	-	-
HGK	789	CNS	NS	NHGZZZZZ	501	Attend Training	-	199	625	-	-	-	156	-
HGK	797	CNS	NE	NHGZZZZZ	501	Attend Safety Training	-	-	-	104	55	-	40	-
HGK	**797**	**HEL**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	-	-	55	14	500
HGK	806	CNS	NE	NHGZZZZZ	501	Adminr & Participate in Labor Gr	-	80	-	-	-	-	-	-
HGK	866	CNS	NE	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	-	362	-	-	-	-	-	-
HGK	875	C02	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	655	1,492	795	1,883	1,206	1,260
HGK	875	C02	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGK	875	C04	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	9,738	2,435	9,800
HGK	875	C04	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGK	875	C05	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	9,738	2,435	9,800
HGK	875	CNS	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	3,016	754	3,100
HGK	875	D25	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	1,183	-	296	310
HGK	875	D27	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	1,183	-	296	310
HGK	877	CNS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	996	417	-	-	-	1,050	263	270
HGK	878	CNS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	149	-	37	-
HGK	931	BNS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	715	651	439	-	-	-	110	110
HGK	931	C02	NE	NHGZZZZZ	501	Care for Buildings & Grounds	1,277	22,082	12,103	7,095	3,156	2,487	6,210	6,470
HGK	931	C02	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGK	931	C04	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	156	39	-
HGK	931	C04	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGK	931	C05	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	156	39	-
HGK	931	C05	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGK	931	CNS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	29,765	3,800	1,653	7,120	9,096	9,408	6,819	9,400
HGK	931	CNS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGK	932	CNS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	188	4,120	-	-	662	1,195	1,250
HGK	933	CNS	NE	NHGZZZZZ	501	Provide & Manage Services-Sec	-	-	-	-	-	-	-	-
HGK	934	CNS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	2,182	1,993	2,365	2,183	2,184	2,184	2,229	2,320

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGK	934	CNS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGK	936	CNS	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	1,862	2,128	1,888	1,888	2,120	2,708	2,151	2,240
HGK	936	CNS	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
							119,975	617,373	(387,352)	295,543	111,230	235,553	(2,326)	350,842
HGM	212	V02	NE	NHGZZZZZ	501	Construct Projects	-	-	-	-	-	9,196	2,299	2,400
HGM	240	ANS	NE	NHGZZZZZ	501	Develop & Maintain Policies & P	-	-	-	-	678	-	170	180
HGM	242	S03	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	(63)	-	-	-	(16)	-
HGM	242	S04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	(63)	-	-	-	(16)	-
HGM	244	BNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	808	673	673	539	558	720	622	650
HGM	244	C04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	1,893	-	-	473	490
HGM	244	CNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGM	245	P01	NE	NHGZZZZZ	501	Mon Plt/Opml Performance-Boil	-	-	-	-	3,200	-	800	830
HGM	247	ANS	NE	NHGZZZZZ	501	Mon Plt/Opml Perform-NonSteau	1,604	-	-	-	-	-	-	-
HGM	256	A01	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	14	-	-	-	-	-	-	-
HGM	256	ANS	NE	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	293	361	266	230	240
HGM	256	ANS	NE	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	256	ANS	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	234	601	455	107	-	-	140	150
HGM	256	P01	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	22,043	5,511	22,980
HGM	256	P01	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	256	R05	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	22,043	5,511	22,980
HGM	256	R05	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	256	R06	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	22,043	5,511	22,980
HGM	256	R06	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	256	RST	NE	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	37,386	9,347	38,970
HGM	256	RST	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	17	-	-	-	-	-	-	-
HGM	256	S03	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	22,043	5,511	22,980
HGM	256	S03	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	256	S04	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	22,043	5,511	22,980
HGM	256	S04	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGM	257	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	-	-	-	18,678	-	-	4,670	4,870
HGM	257	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	10,874	-	-	-	21,544	(20,988)	139	140
HGM	257	R06	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	-	978	3,720	-	203	-	981	1,020
HGM	257	S03	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	830	15,109	-	-	707	(707)	-	-
HGM	257	S04	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	4,084	-	-	-	-	-	-	-
HGM	258	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Pred	607	-	-	-	-	1,406	352	370
HGM	258	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Pred	1,414	-	-	-	-	-	-	-
HGM	258	R06	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Pred	-	-	-	-	-	1,406	352	370
HGM	258	S03	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Pred	1,414	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGM	258	S04	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Pred	14,416	-	-	-	-	-	-	-
HGM	259	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	3,403	12,290	7,265	261,526	211,094	172,941	163,206	170,130
HGM	259	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	P01	NS	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	45	-	11	-
HGM	259	PST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	PST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	11,427	19,955	20,281	39,578	50,739	182,742	73,335	76,450
HGM	259	R05	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	R05	NS	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	3,000	-	-	-	-	-	-	-
HGM	259	R06	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	8,603	16,520	55,834	43,169	48,676	100,490	62,042	64,680
HGM	259	R06	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	RST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	438	1,636	6,291	3,490	-	2,436	3,054	3,180
HGM	259	S01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	1,481	13,915	-	-	-	-	-	-
HGM	259	S03	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	18,237	14,884	6,256	10,078	21,079	4,046	10,365	10,800
HGM	259	S03	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	S04	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	21,755	19,386	20,697	117,305	50,981	32,761	55,436	57,790
HGM	259	S04	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	259	SST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	434,644	23,068	114,428	119,280
HGM	259	SST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	-	-	-
HGM	260	P01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	108	145	56	15	31	62	-
HGM	260	P01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	-	-	-
HGM	260	R05	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	141	41	58	42	57	-	39	-
HGM	260	R06	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	68	59	42	29	31	40	-
HGM	260	RST	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	6,104	1,526	1,590
HGM	260	RST	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	-	-	-
HGM	260	S01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	17,737	-	-	-	-	-	-	-
HGM	260	SST	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	20,958	4,576	6,384	6,650
HGM	261	S03	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	279,249	69,812	72,780
HGM	261	S04	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	242,332	60,583	63,150
HGM	262	P01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	208	33,634	4,119	542	52,653	12,777	17,523	18,270
HGM	262	R05	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	443	-	1,822	-	2,264	235,309	59,849	62,390
HGM	262	R06	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	406	1,149	5,621	-	5,833	18,533	7,497	7,810
HGM	262	RST	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	46,851	-	11,713	12,210
HGM	262	S01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	1,664	-	-	-	-	-	-	-
HGM	262	S03	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	2,520	6,067	339	907	1,255	-	625	650
HGM	262	S04	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	759	853	755	-	-	260	254	260
HGM	262	S04	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	-	-	-	-
HGM	262	SST	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel E	-	-	-	-	311,190	43,333	88,631	92,390
HGM	263	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	2,783	5,052	2,179	19,713	20,299	2,937	11,282	11,760
HGM	263	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGM	263	BNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	938	988	482	500
HGM	263	P01	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	136,120	-	17,843	38,491	40,120
HGM	263	P03	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	178	-	-	-	-	-	-	-
HGM	263	RST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	1,560	3,771	-	28,424	3,188	-	7,903	8,240
HGM	263	RTF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	1,984	496	520
HGM	263	RW1	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	19,813	-	31,387	12,800	13,340
HGM	263	SST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	4,625	1,401	58,700	-	-	15,025	15,660
HGM	264	RST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	1,000	-	2,726	1,128	-	-	964	1,000
HGM	265	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	1,330	780	-	29,440	2,974	12,108	11,131	11,600
HGM	265	BNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	1,546	-	-	11,979	-	2,995	3,120
HGM	265	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	304	-	-	-	76	-
HGM	265	P01	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	2,322	15,078	1,086	108,679	26,434	62,862	49,765	51,880
HGM	265	PST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGM	265	PT1	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	416	-	-	-	-	-	-
HGM	265	PT2	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	777	15,972	11,043	36,138	6,573	17,431	18,170
HGM	265	PTF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	4,220	25,745	4,500	2,181	9,161	9,550
HGM	265	PWV	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	4,290	9,775	-	-	-	2,444	2,550
HGM	265	RST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	6,022	17,428	10,081	33,337	35,256	70,007	37,170	38,750
HGM	265	RST	NS	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	952	-	-	238	250
HGM	265	RTF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	1,159	-	9,050	-	1,630	163	2,711	2,830
HGM	265	RW1	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	1,464	1,481	1,927	4,623	-	2,008	2,090
HGM	265	RWT	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	73	919	-	-	-	230	240
HGM	265	SST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	644	6,198	2,865	40,468	256,909	140,829	110,268	114,950
HGM	265	STF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	2,646	-	-	6,771	14,958	-	5,432	5,660
HGM	265	SWT	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	2,292	-	573	600
HGM	265	SWV	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	12,462	-	-	887	-	222	230
HGM	265	UHY	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	6,734	3,633	-	-	-	908	950
HGM	265	VHY	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	1,611	-	-	6,370	1,562	2,058	2,498	2,600
HGM	266	ANS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	27,540	19,509	24,685	31,555	23,760	4,137	21,034	21,930
HGM	266	ANS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	-	-	-	-
HGM	266	ANS	NS	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	135	-	-	-	-	-	-	-
HGM	266	P01	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	152,095	30,374	45,617	47,550
HGM	266	RST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	19	-	-	-	7,455	46,578	13,508	14,080
HGM	266	RST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	-	-	-	-
HGM	266	SST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	65	-	-	-	-	21,522	5,381	5,610
HGM	267	RST	NS	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	46	-	12	-
HGM	268	ANS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	113	-	-	-	-	-	-	-
HGM	268	P01	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	-	3,704	-	926	970
HGM	268	PTF	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	-	-	14,400	3,600	3,750
HGM	268	SST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	-	196,184	12,362	52,137	54,350

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGM	269	A01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	41	-	-	-	-	-	-	-
HGM	269	A15	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	(1,159)	401	-	17,805	-	-	4,451	4,640
HGM	269	P01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	68	-	-	-	-	-	-	-
HGM	269	P03	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	9,185	3,335	-	-	-	-	-	-
HGM	269	R05	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	68	-	-	-	-	-	-	-
HGM	269	R06	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	68	-	-	-	-	-	-	-
HGM	269	RST	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	-	-	-	-	790	-	198	210
HGM	270	RST	NE	NHGZZZZZ	501	Maint Fuel Feed System-Predict	-	-	-	-	6,188	-	1,547	1,610
HGM	271	A01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	404	-	-	-	-	-	-
HGM	271	ANS	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	165	-	-	-	-	-	-	-
HGM	271	B08	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	150	-	-	-	-	-	-	-
HGM	271	B09	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	150	-	-	-	-	-	-	-
HGM	271	B10	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	154	-	-	-	-	-	-	-
HGM	271	P01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	5,743	757	898	793	208	-	475	500
HGM	271	P03	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	740	1,623	9,473	21,833	-	-	7,826	8,160
HGM	271	R05	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	4,175	-	14,070	-	4,561	4,750
HGM	271	R06	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	595	-	-	-	45,784	-	11,446	11,930
HGM	271	RST	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	2,740	285	1,250	3,259	15,000	-	4,877	5,080
HGM	271	RST	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGM	271	S03	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	151	-	-	141	-	-	35	-
HGM	271	S04	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	599	3,823	-	-	1,105	1,150
HGM	271	SST	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	404	531	757	552	-	460	480
HGM	272	A01	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	966	81	3	28	-	1,108	285	-
HGM	272	C04	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGM	272	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	4,865	701,198	28,053	451	30	15,054	10,897	11,360
HGM	272	P03	NS	NHGZZZZZ	501	Maint Combust Turbine & Elec E	1,585	-	-	-	-	-	-	-
HGM	273	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	55,464	-	4,160	-	14,906	15,540
HGM	274	A01	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	7,945	-	850	3,384	-	1,059	1,100
HGM	274	C02	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	869	-	-	-	-	-	-
HGM	274	C02	NS	NHGZZZZZ	501	Maint Combust Turbine & Elec E	31	-	-	-	-	-	-	-
HGM	274	OUT	BE	NHGZZZZZ	501	Maint Combust Turbine & Elec Eq-Corr		Puna CT3 Gas Generator Dama		2,174,116	-	-	724,705	-
HGM	274	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	56,564	129,212	49,374	237,384	47,375	6,113	85,062	6,370
HGM	274	P03	NS	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	11,232	-	-	2,808	-
HGM	275	A11	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	419	613	396	281	-	187	216	230
HGM	275	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	586	627	424	337	461	31	313	330
HGM	275	A16	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	500	613	382	337	216	-	234	240
HGM	275	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	3,469	600	423	337	291	29	270	280
HGM	275	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGM	275	B12	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	135	190	7	42	90	31	43	-
HGM	275	B13	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	149	176	6	42	90	31	42	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGM	275	B14	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	135	176	6	42	90	31	42	-
HGM	275	D24	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,680	-	-	-	1,582	-	396	-
HGM	275	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,003	-	-	32	-	-	8	-
HGM	275	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,680	-	-	-	-	-	-	-
HGM	275	D27	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	1,003	-	-	14	-	-	4	-
HGM	277	A11	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	944	-	-	-	236	-
HGM	277	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	2,698	9,985	6,875	-	-	-	1,719	-
HGM	277	A16	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	2,436	2,476	10,861	11	-	313	2,796	-
HGM	277	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	31,594	7,042	6,088	-	-	89	1,544	-
HGM	277	ANS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	69	-	-	17	-
HGM	277	B08	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	156	-	-	-	-	-	-	-
HGM	277	B12	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	405	2,588	1,452	-	932	-	596	-
HGM	277	B13	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	2,244	41,386	436	-	-	10,456	-
HGM	277	B14	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	566	571	2,270	1,003	-	776	1,012	-
HGM	277	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	604	-	-	-	-	-	-	-
HGM	277	C20	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	961	-	8,858	-	-	-	2,214	-
HGM	277	C21	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	141	-	-	-	-	-	-	-
HGM	277	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	215	-	-	-	-	-	-	-
HGM	277	C23	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	635	-	-	-	-	-	-	-
HGM	277	CNS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	4,232	4,471	-	-	2,176	2,270
HGM	277	D24	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	583	1,451	-	-	1,330	-	333	350
HGM	277	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	1,503	-	-	-	-	-	-
HGM	277	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	334	494	638	-	-	-	159	170
HGM	277	D27	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,291	-	323	340
HGM	278	U02	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-F	-	-	-	-	2,031	-	508	530
HGM	278	V01	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-F	43	-	-	51,830	416	-	13,061	13,620
HGM	278	V02	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-F	-	-	-	-	1,547	234	445	460
HGM	280	U01	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	1,492	-	-	125	98,470	-	24,649	25,690
HGM	280	U02	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	-	3,473	22,677	82,067	89,824	(65,552)	32,254	33,620
HGM	280	UHY	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	-	7,384	8,657	-	-	-	2,164	2,260
HGM	280	V01	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	3,072	1,684	26,564	-	396	-	6,740	7,030
HGM	280	V02	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	1,584	-	-	-	-	-	-	-
HGM	280	V02	NS	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	-	-	-	-	-	13,051	3,263	3,400
HGM	280	VHY	NE	NHGZZZZZ	501	Maint Renew Energy & Rel Eq-C	-	295	8,375	156	-	-	2,133	2,220
HGM	353	ANS	NE	NHGZZZZZ	501	Maint Substation Trans Structur	-	-	-	6,875	4,419	-	2,824	2,940
HGM	375	AOC	NE	NHGZZZZZ	501	Schedule Generation Resources	-	55	-	-	-	-	-	-
HGM	749	HPM	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade As	-	-	-	-	-	-	-	-
HGM	749	RST	NS	NHGZZZZZ	501	Maint Rel w/Ind, Prof & Trade As	-	130	-	-	-	-	-	-
HGM	767	C02	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	6	-	-	-	-	-	-	-
HGM	767	CNS	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	5	-	-	-	-	-	-	-
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RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGM	767	HPM	NE	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	-	-	-	-	-	-	-	-
HGM	767	HPM	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	-	-	-	-	-	-	-	-
HGM	767	PNS	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	40	-	-	-	-	-	-	-
HGM	767	PST	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	22	-	-	-	-	-	-	-
HGM	767	RST	NS	NHGZZZZZ	501	Dev, Mnge & Adm Recruit Pol, F	67	-	-	-	-	-	-	-
HGM	789	ANS	NE	NHGZZZZZ	501	Attend Training	1,949	2,809	1,206	52	-	-	314	330
HGM	789	ANS	NS	NHGZZZZZ	501	Attend Training	-	-	51	-	-	-	13	-
HGM	789	C02	NE	NHGZZZZZ	501	Attend Training	18	-	-	-	-	-	-	-
HGM	789	CNS	NE	NHGZZZZZ	501	Attend Training	15	-	-	-	-	-	-	-
HGM	**789**	**HPM**	**NE**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	**1,046**	**228**	**28,283**	**7,389**	**57,000**
HGM	789	HPM	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	-	-	-	-
HGM	789	HPM	NS	NHGZZZZZ	501	Attend Training	-	-	998	-	-	-	250	260
HGM	789	PNS	NE	NHGZZZZZ	501	Attend Training	31	-	-	-	-	-	-	-
HGM	789	RST	NE	NHGZZZZZ	501	Attend Training	71	-	-	99	-	-	25	-
HGM	789	RST	NS	NHGZZZZZ	501	Attend Training	-	35	-	206	-	-	51	-
HGM	**797**	**ANS**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	**810**	-	-	**1,313**	-	-	**328**	**500**
HGM	797	HEL	NE	NHGZZZZZ	501	Attend Safety Training	-	-	-	-	-	-	-	-
HGM	842	HPO	NS	NHGZZZZZ	501	Order Materials, Eq, Supplies &	-	-	-	-	-	-	-	-
HGM	842	RST	NS	NHGZZZZZ	501	Order Materials, Eq, Supplies &	-	7	-	-	-	-	-	-
HGM	853	HEL	NC	NHGZZZZZ	501	Perform Inventory Control for Ma	-	-	1,350	69	-	-	355	-
HGM	875	RST	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	53	-	-	-	13	-
HGM	875	SST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	3,248	-	812	-
HGM	876	RST	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	17	-	4	-
HGM	876	SST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	1,000	-	-	-	-	4,725	1,181	1,230
HGM	877	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	1,354	2,000	-	-	-	-	-	-
HGM	877	P01	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	4,367	-	-	-	-	-	-	-
HGM	877	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	93	7	-	-	-	-	-	-
HGM	877	SST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGM	878	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	2,486	-	-	-	-	-	-	-
HGM	878	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	48	-	-	-	-	-	-
HGM	931	ANS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	1,084	887	564	791	6,408	8,530	4,073	4,250
HGM	931	ANS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGM	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	625	1,777	601	630
HGM	931	SST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	11,985	2,996	3,120
HGM	932	ANS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	606	-	90	120	90	-	75	-
HGM	932	RST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	303	-	770	-	-	-	193	-
HGM	934	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	2,344	2,141	2,540	3,126	3,132	3,132	2,983	3,110

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY (Retired)	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGM	934	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGM	934	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGM	936	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	2,851	2,197	2,389	2,190	2,627	2,675	2,470	2,580
HGM	936	ANS	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
HGM	936	RST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
HGM	950	HEL	NS	NHGZZZZZ	501	Provide & Mnge Risk Mgmt Svc:	-	-	-	44	-	-	11	-
							338,531	1,159,081	535,994	3,688,463	2,450,817	2,013,845		1,753,310
HGP	220	P01	NE	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	-	-	-	35,385	8,846	9,220
HGP	222	P03	NE	NHGZZZZZ	501	Mnge Procurmt of Fuel Trnspt &	-	-	260	-	-	-	65	-
HGP	230	P01	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	3,068	767	800
HGP	242	P01	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	4,511	4,320	4,692	5,130	12,802	11,346	8,493	8,850
HGP	242	P01	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGP	243	P01	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	(65,000)	-	-	-	(16,250)	-
HGP	244	P03	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	9,149	10,020	8,819	28,405	6,961	12,628	14,203	14,810
HGP	244	P03	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGP	247	P03	NE	NHGZZZZZ	501	Mon Plt/Opml Perform-NonStea	130	-	-	-	-	-	-	-
HGP	248	P01	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi:	929	7,140	6,358	425	374	-	1,789	1,870
HGP	248	P03	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi:	-	5,356	-	-	-	-	-	-
HGP	257	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	711	-	-	-	-	-	-	-
HGP	257	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Prev	-	-	-	-	-	-	-	-
HGP	259	P01	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	1,326	2,407	8,517	-	280	5,379	3,544	3,690
HGP	262	P01	NE	NHGZZZZZ	501	Maint Steam TurboGen & Rel Et	691	-	-	-	-	1,510	378	390
HGP	263	P01	NS	NHGZZZZZ	501	Maint Stn Common Struct & Sys	125	-	-	-	-	-	-	-
HGP	263	PTF	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	3,780	-	-	-	945	990
HGP	265	P01	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	255	64	-
HGP	265	P03	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	520	169	-	-	-	42	-
HGP	265	PST	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	576	144	150
HGP	265	PWV	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	282	8,573	-	-	2,214	2,310
HGP	266	P01	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	779	-	-	195	200
HGP	268	P01	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	302	-	-	-	-	-	-	-
HGP	271	P01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	-	-	-	974	244	250
HGP	272	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	9,303	-	-	-	-	-		-
HGP	274	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	8,354	(222,852)	-	96	-	-	24	-
HGP	**789**	**PST**	**NE**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	78	83	998	290	10,500
HGP	**797**	**HEL**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	-	-	-	-	500
HGP	875	P03	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	1,992	655	748	733	1,032	1,080
HGP	875	P03	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	-
HGP	876	P01	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	7,420	-	-	4,085	-	1,592	1,419	1,480

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY (Retired)	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGP	876	P01	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	7,296	-	1,824	1,900
HGP	877	P01	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	3,163	-	5,710	-	53,580	1,632	15,231	15,880
HGP	877	P03	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	302	-	-	-	8,234	-	2,059	2,150
HGP	878	P01	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	3,020	200	-	133,643	758	-	33,600	35,030
HGP	878	P01	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	81	107	47	-
HGP	878	P03	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	648	-	162	170
HGP	931	P03	NE	NHGZZZZZ	501	Care for Buildings & Grounds	3,613	3,494	2,795	2,958	2,528	4,366	3,162	3,300
HGP	931	P03	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGP	931	PST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	5,116	9,334	11,835	16,991	11,240	7,960	12,006	12,520
HGP	931	PST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGP	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	258	-	-	-	-	-	-	-
HGP	932	P01	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	-	-	-	-	3,762	941	980
HGP	932	P03	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	101	-	-	-	-	-	-
HGP	932	PNS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	7,117	-	-	-	-	-	-	-
HGP	932	PST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	943	-	709	-	4,111	2,256	1,769	1,840
HGP	934	P03	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	2,066	1,887	2,238	2,066	2,064	2,064	2,108	2,200
HGP	934	P03	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGP	934	PST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	4,010	3,663	4,344	4,010	4,008	4,008	4,093	4,270
HGP	934	PST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	-	-	-	-	-	-
HGP	936	P03	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	959	1,142	1,413	1,333	452	372	893	930
HGP	936	P03	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
HGP	936	PST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	1,151	1,352	1,413	1,333	1,903	2,225	1,719	1,790
HGP	936	PST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
							74,668	(171,917)	325	210,561	118,151	103,196	108,058	140,050
HGT	121	HEL	NS	NHGZZZZZ	501	Administer 'Firm Capacity' Contr	-	-	-	-	7,429	-	1,857	1,940
HGT	211	RST	NS	NHGZZZZZ	501	Engr, Design & Manage Projects	-	-	-	-	46	5	13	-
HGT	220	RST	NS	NHGZZZZZ	501	Manage Fuel Supply Procureme	-	-	-	84	249	7	85	-
HGT	230	RST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGT	230	RST	NS	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	72	18	-
HGT	230	RST	NS	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGT	260	RST	NS	NHGZZZZZ	501	Maint Steam TurboGen & Rel Ec	-	-	-	-	1,577	-	394	410
HGT	265	UHY	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	1,050	263	270
HGT	268	P03	NS	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	Beacons	-	62,276	20,759	-
HGT	277	A11	NS	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	102	-	26	-
HGT	789	HPO	NS	NHGZZZZZ	501	Attend Training	-	-	-	-	735	686	355	-
HGT	**789**	**RST**	**NS**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	-	**1,139**	**450**	**397**	**18,500**
HGT	**797**	**HEL**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	-	-	-	-	**500**
HGT	866	RST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	-	-	-	-	45	-	11	-
HGT	866	RST	NS	NHGZZZZZ	501	Apply for & Obt Envir Permits-W	-	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGT	875	RST	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	44	-	-	11	-
HGT	875	SST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	2,907	-	727	-
HGT	876	P01	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	2,489	-	622	-
HGT	876	RST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	5,327	55	1,346	-
HGT	876	RST	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	130	223	-	88	-
HGT	876	SST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	11,764	-	2,941	-
HGT	876	SST	NS	NHGZZZZZ	501	Comply Ongoing-Wastewater	-	-	-	-	7	-	2	-
HGT	877	CNS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	85	21	-
HGT	877	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	92	-	23	-
HGT	877	SST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	6,685	-	1,671	-
HGT	878	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	96	-	24	-
HGT	878	P01	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	2,795	-	699	-
HGT	878	RST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	44	24	-	17	-
							-	-	-	302	43,731	64,686	32,370	21,620
HGW	222	SST	NE	NHGZZZZZ	501	Mnge Procurmt of Fuel Trnspt &	-	-	-	-	3,958	-	990	1,030
HGW	230	SST	NE	NHGZZZZZ	501	Mnge O&M Fuel Facil	-	-	-	-	-	-	-	-
HGW	242	S03	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	404	347	202	269	350	360	295	310
HGW	242	S04	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	404	347	202	269	350	360	295	310
HGW	242	SST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	Ignitr Fuel	36	-	45,921	69,804	136,092	83,939	141,870
HGW	242	SST	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGW	248	RST	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi:	-	-	61	-	-	-	15	-
HGW	248	S03	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi:	(175)	(293)	(20)	(175)	-	-	(49)	-
HGW	248	S04	NE	NHGZZZZZ	501	Perf Water Treatment & Analysi:	(175)	(193)	(20)	(175)	-	-	(49)	-
HGW	259	SST	NE	NHGZZZZZ	501	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	-	270	68	-
HGW	266	SST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	2,900	-	-	-	725	760
HGW	268	SST	NE	NHGZZZZZ	501	Maint St Common Misc Equip-C	-	-	-	-	-	352	88	-
HGW	277	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	(175)	-	-	-	-	-	-
HGW	789	RST	NE	NHGZZZZZ	501	Attend Training	-	179	-	-	-	-	-	-
HGW	789	SST	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	-	-	-	13,500
HGW	797	HEL	NE	NHGZZZZZ	501	Attend Safety Training	-	-	-	-	-	-	-	500
HGW	875	RST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	180	593	456	247	-	-	176	180
HGW	875	SST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	197	-	-	49	-
HGW	875	SST	NS	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	6,475	-	1,619	1,690
HGW	876	SST	NE	NHGZZZZZ	501	Comply Ongoing-Wastewater	1,516	521	-	25,847	6,433	255	8,134	8,480
HGW	877	RST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	333	-	-	-	-	-	-
HGW	877	SST	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	9,827	1,151	-	-	18,524	11,044	7,392	7,710
HGW	877	SST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	55,209	-	13,802	14,390
HGW	878	SST	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	110	28	-
HGW	931	RST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	1,398	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
										Retired				
HGW	931	SST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	51,550	48,557	29,076	44,690	38,441	31,343	35,888	37,410
HGW	931	SST	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	-	-	-
HGW	932	SST	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	493	-	-	-	-	-	-
HGW	934	SST	NE	NHGZZZZZ	501	Provide & Manage Services-Cus	-	-	6,773	-	-	-	1,693	1,770
HGW	936	SST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	1,900	1,362	1,470	987	3,800	2,475	2,183	2,280
HGW	936	SST	NE	NHGZZZZZ	501	Provide & Manage Services-Wa	-	-	-	-	-	-	-	-
								53,258	41,100	118,077	203,344	182,661	157,280	232,190
												Average 03-04		
HGX	244	BNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGX	244	BNS	NE	NHGZZZZZ	501	Op & Mon Plt Eq (Make Rounds	-	-	-	-	-	-	-	-
HGX	247	ANS	NE	NHGZZZZZ	501	Mon Plt/Oprnl Perform-NonStea	-	-	-	-	-	-	-	-
HGX	256	ANS	NS	NHGZZZZZ	501	Plan/Schedule Maintenance & C	-	-	-	-	-	-	-	-
HGX	263	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	(31)	(16)	-
HGX	263	P03	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	5,233	2,617	2,730
HGX	263	P03	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	263	PT2	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	3,088	1,544	1,610
HGX	265	ANS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	BNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	CNS	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	-	-	-	-
HGX	265	PT2	NE	NHGZZZZZ	501	Maint Stn Common Struct & Sys	-	-	-	-	1,406	1,995	1,701	1,770
HGX	266	ANS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	232	34,145	17,189	17,920
HGX	266	ANS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	-	-	-	-
HGX	266	BNS	NE	NHGZZZZZ	501	Maint St Common Misc Equip-Pı	-	-	-	-	-	22,118	11,059	11,530
HGX	269	A15	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	-	-	-	-	-	-	-	-
HGX	269	P03	NE	NHGZZZZZ	501	Maint Fuel Feed System-Preven	-	-	-	-	-	-	-	-
HGX	271	A01	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	271	P03	NE	NHGZZZZZ	501	Maint Fuel Feed System-Correct	-	-	-	-	-	-	-	-
HGX	272	A01	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	11,649	5,825	6,070
HGX	272	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	134	67	-
HGX	273	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGX	274	A01	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	1,009	-	505	530
HGX	274	C02	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	-	-	-	-
HGX	274	P03	NE	NHGZZZZZ	501	Maint Combust Turbine & Elec E	-	-	-	-	11,934	8,608	10,271	10,710
HGX	275	A11	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	47	24	-
HGX	275	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	238	119	120
HGX	275	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	A16	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	172	86	-
HGX	275	A16	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	219	110	110
HGX	275	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGX	275	B12	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	219	110	110
HGX	275	B12	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	B13	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	219	110	110
HGX	275	B13	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	B14	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	207	104	110
HGX	275	B14	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	C21	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	4,360	2,180	2,270
HGX	275	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	3,985	1,993	2,080
HGX	275	D24	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	251	752	502	520
HGX	275	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	275	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	243	627	435	450
HGX	275	D27	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	276	ANS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	77,038	38,519	40,150
HGX	276	ANS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	A11	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	22,356	-	11,178	11,650
HGX	277	A15	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	A16	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	A17	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	500	250	260
HGX	277	ANS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	190,279	23,243	106,761	111,290
HGX	277	B12	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	B13	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,194	-	597	620
HGX	277	B14	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	619	-	310	320
HGX	277	BNS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	313	157	160
HGX	277	C19	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	C20	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	C22	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	87	-	44	-
HGX	277	C23	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	CNS	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	D24	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	2,218	2,651	2,435	2,540
HGX	277	D24	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	D25	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	277	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	1,152	2,557	1,855	1,930
HGX	277	D26	NE	NHGZZZZZ	501	Maint Int Combust Eng & Rel Eq	-	-	-	-	-	-	-	-
HGX	789	ANS	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	-	7	4	-
HGX	**789**	**ANS**	**NS**	**NHGZZZZZ**	**501**	**Attend Training**	-	-	-	-	-	**700**	**350**	**26,500**
HGX	789	HPM	NE	NHGZZZZZ	501	Attend Training	-	-	-	-	100	-	50	-
HGX	796	P03	NE	NHGZZZZZ	501	Provide & Manage Fire Protectic	-	-	-	-	-	2,917	1,459	1,520
HGX	**797**	**ANS**	**NE**	**NHGZZZZZ**	**501**	**Attend Safety Training**	-	-	-	-	-	**28**	**14**	**500**
HGX	797	HEL	NE	NHGZZZZZ	501	Attend Safety Training	-	-	-	-	-	-	-	-
														28

RA	Act	Loc	Ind	Proj	EE	Activity	FY99 ActualPY	FY00 ActualPY	FY01 ActualPY	Retired FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (: 1.0424 2006 Forecast
HGX	875	D24	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	1,183	-	592	620
HGX	875	D26	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	1,183	-	592	620
HGX	875	RST	NE	NHGZZZZZ	501	Comply Ongoing Permit/Reg Re	-	-	-	-	-	112	56	-
HGX	877	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	-
HGX	877	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	54	27	-
HGX	878	ANS	NE	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	97	-	49	-
HGX	878	ANS	NS	NHGZZZZZ	501	Comply Ongoing-Solid & Haz W	-	-	-	-	-	53	27	-
HGX	931	A01	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	199	-	100	-
HGX	931	ANS	NE	NHGZZZZZ	501	Care for Buildings & Grounds	-	-	-	-	-	964	482	500
HGX	932	ANS	NE	NHGZZZZZ	501	Repair Buildings & Grounds	-	-	-	-	-	-	-	-
							-	-	-	-	235,742	209,121	222,432	256,930
						Grand Total	848,596	1,820,303	477,910	4,528,223	3,453,845	3,255,950	983,544	3,021,902

501 Gen Svc. xls

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
SCADA - Maintenance Contract

Account Description	Naruc	Code Block
DEC/ESCA Maint Cc	561	HGA 376 HAH NE NHGZZZZZ 501

Annual Recorded Cost:

1998	18436	GA C4H01 G73 501	16,311.00
1999	561	HGA 376 HAH NE NHGZZZZZ 501	18,297.00
			16,156.00
			34,453.00
2000	561	HGA 376 HAH NE NHGZZZZZ 501	20,341.00
			15,132.00
			35,473.00
2001		HGA 376 HAH NE NHGZZZZZ 501	
		Software Payment in January	19,718.40
		Hardware Svs Agreement- 1372.98/mo	16,475.76
			36,194.16
2002		HGA 376 HAH NE NHGZZZZZ 501	
		Software Payment in March	21,048.56
		Compaq Svc Agreement paid in March	5,520.15
		Update Maint Svc - 14 license Mar 2002-Feb 2	1,147.12
			27,715.83
		System Support - Dec 2002	9,696.78
			37,412.61
2003		HGA 376 HAH NE NHGZZZZZ 501	
		Software Payment in January	22,457.76
		Compaq Svc Agreement paid in January	1,452.67
		Utax paid in January	387.87
		EMS Communications Upgrade	39,457.04
			63,755.34
2004		HGA 376 HAH NE NHGZZZZZ 501	
		Alstom Silver Software Support Payment in Jai	41,719.60
		Compaq Svc Agreement paid in January	4,358.02
			46,077.62
		Now paid through project H0001100	
2005		HGA 376 HAH NE H0001100 501	
		Alstom Silver Software Support Payment in Fel	44,172.96
			44,172.96

501 Gen Svc. Xls

HAWAII ELECTRIC LIGHT COMPANY
PRODUCTION DEPARTMENT
Training Expense
Operating Forecast 2006

Account Description	RA	Act	Loc	Ind	EE	FCST 2006
Training - Supv	HGA	789	RST&HPO	NS	501	55,500
Training - Tech Div	HGT	789	RST	NS	501	18,500
Training - Hill Op	HGH	789	RST	NE	501	13,500
Training - Shipman Op	HGW	789	SST	NE	501	13,500
Training - Keahole Op	HGC	789	CNS	NE	501	5,200
Training - Keahole Mt	HGK	789	CNS	NE	501	15,000
Training - Steam/Hydro Mt	HGM	789	HPM	NE	501	57,000
Training - CT/Diesel Mt	HGX	789	ANS	NE	501	25,500
Training - Puna Op	HGP	789	PST	NE	501	10,500
						214,200
Safety Trng - Supv	HGA	797	HEL	NS	501	500
Safety Trng - Tech Div	HGT	797	HEL	NS	501	500
Safety Trng - Hill Op	HGH	797	HEL	NE	501	500
Safety Trng - Shipman Op	HGW	797	HEL	NE	501	500
Safety Trng - Keahole Op	HGC	797	HEL	NE	501	500
Safety Trng - Keahole Mt	HGK	797	HEL	NE	501	500
Safety Trng - Steam/Hydro Mt	HGM	797	ANS	NE	501	500
Safety Trng - CT/Diesel Mt	HGX	797	ANS	NE	501	500
Safety Trng - Puna	HGP	797	HEL	NE	501	500
						4,500

	Operating Forecast 2006								
Description	GA Supv	GT Tech Div	GH Hill Op	GW Ship Op	GC Keahole Op	GK Keahole Mt	GM Stm/Hyd Mt	GX CT/Dsl Mt	GP Puna Op
Safety - General	500	500	500	500	500	500	500	500	500
Technical Training	6,000		6,000	6,000	2,000				2,500
Environmental Training	15,000	2,000							
Leadership Classes	8,000	4,000							
Boiler Chemistry Class	4,000								
SCADA/EMS Training	6,000								
Operator Certification Trng			2,500	2,500					2,500
Wind Users Group	4,000								
New Supervisors/Operator Trng	1,000		1,000	1,000	2,000				4,000
Control System MMI training	6,000								
Hazwoper refresher	1,500	3,000	4,000	4,000	1,200				1,500
Visible Emissions Trng	4,000	3,500							
Qtry Pipeline & Corrosion Training		4,000							
Electrical Technical Training		2,000							
Machinists laser alignment							10,000		
Machinists boiler system training							8,000		
Welder qualifications							5,000		
Electricians exciter class EX2000							8,500		
Electricians Delta V training							10,000		
Electricians PLC, overview & O&M							8,000		
Electricians electrical blueprint reading							7,500		
PLC						3,000		4,500	
Ct elect						3,000		3,000	
Ct control						1,500		4,500	
Ct engine						3,000		4,500	
EMD control						1,500		4,500	
EMD engine						3,000		4,500	
	55,500	18,500	13,500	13,500	5,200	15,000	57,000	25,500	10,500

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 3/22/05

OUTSIDE SERVICES - LEGAL (502)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Keahole legal Fees	HGA	867	CNS	NE	NHGZZZZZ	502	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Keahole legal Fees	HGA	875	CNS	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Keahole legal Fees	HGA	879	CNS	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Puna legal - Env Air	HGA	875	P01	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Puna legal - Fuel	HGA	222	PST	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Hill legal - Fuel	HGA	222	RST	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Hill legal - Env Air	HGA	875	RST	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Shp legal - Fuel	HGA	222	SST	NE	NHGZZZZZ	502	0	No Escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
					Gen Legal		500														500
PPA Administration	HGA	122	HEL	NE	NHGZZZZZ	502	59625	No escalation	4,969	4,969	4,969	4,969	4,969	4,969	4,969	4,969	4,969	4,969	4,969	4,966	59,625
					PPA Administration		59625														59,625
					Grand Total Legal				5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,004	60,125

p. 3

CA-IR-2
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 2E
PAGE 1 OF 3

	RA	Act	Loc	Ind	Proj	EE	Activity	Inter Code	FY00 Actual	FY01 Actual	FY02 Actual	FY03 Actual	FY04 Actual	Avg 01-04	Escalation (2004 Base) 1.0424 FCST 2006
Keahole legal Fees	HGA	867	CNS	NE	NHGZZZZ	502	Apply for and Obtain Land Use Permits	549280	161,219	96,385	65,925	4,601	257	41,792	500
Keahole legal Fees	HGA	875	CNS	NE	NHGZZZZ	502	Comply Ongoing Permit/Reg Reqs-Air	549280	67,381	-				-	-
Keahole legal Fees	HGA	879	CNS	NE	NHGZZZZ	502	Apply for, Obtain, Comply Ongoing-Nois	549280	17,829	714	3,862	435	-	1,253	-
									246,429	97,099	69,787	5,036	257	43,045	500
	HGA	785	ANS	NS	NHGZZZZ	502	Plan for & Deter Emp Trng & Dev Needs	546260	-	-				-	-
Puna legal - Env Air	HGA	875	P01	NE	NHGZZZZ	502	Comply Ongoing Permit/Reg Reqs-Air	506230	1,416	3,059				3,059	-
	HGA	220	PST	NE	NHGZZZZ	502	Manage Fuel Supply Procurement	506230	-	190				190	
Puna legal - Fuel	HGA	222	PST	NE	NHGZZZZ	502	Mnge Procurmt of Fuel Trnspt & Dist Sv	506230	1,116	43				43	-
	HGA	220	RST	NE	NHGZZZZ	502	Manage Fuel Supply Procurement	506220	-	571				571	
Hill legal - Fuel	HGA	222	RST	NE	NHGZZZZ	502	Mnge Procurmt of Fuel Trnspt & Dist Sv	506220	2,825	113				113	-
	HGA	222	RST	NS	NHGZZZZ	502	Mnge Procurmt of Fuel Trnspt & Dist Sv	500220	76	-				-	-
Hill legal - Env Air	HGA	875	RST	NE	NHGZZZZ	502	Comply Ongoing Permit/Reg Reqs-Air	506220	5,109	-				-	-
Shp legal - Fuel	HGA	222	SST	NE	NHGZZZZ	502	Mnge Procurmt of Fuel Trnspt & Dist Sv	506210	435	17				17	-
	HGA	222	SST	NS	NHGZZZZ	502	Mnge Procurmt of Fuel Trnspt & Dist Sv	500210	12	-				-	-
							Total Legal Fees		257,418	101,093	69,787	5,036	257	47,039	500

	2003		2004		2005		2006 Budgeted	
	O/S Legal	HECO	O/S Legal	HECO	O/S Legal	HECO	O/S Legal	HECO
HRD	78,176.24	63,437.61	24,889.08	10,580.99	18,750.00	4,250.00	13,625.00	-
PGV (existing)			866.60		-	-	-	-
HEP	4,089.33	10,856.00	10,302.47	4,457.44	18,750.00	4,250.00	27,250.00	-
AEC	135,822.21	98,385.48	130,540.12	81,696.32	18,750.00	4,250.00	18,750.00	-
KPP	1,938.40	170.36	324.98		-	-	-	-
Others					18,750.00	4,250.00	- (2)	-
Total	**220,026.18**	**172,849.45**	**166,923.25**	**96,734.75**	**75,000.00**	**17,000.00**	**59,625.00** p. 1	-

New for Production in 2006 - Administration only

Above are 2003-2004 recorded costs and 2005 budgeted costs for various purchase power contracts. The HEP and PGV (existing contract) costs are all administration costs. The HRD costs are a combination of negotiations and administration costs. The PUC approved the contract in mid 2004; for budgeting purposes, you could estimate about one-half of that. The AEC costs recorded to date are all related to negotiations; determination of administration costs is pending approval of the PPA by the PUC, hopefully soon. KPP should be pau by now? or it can be included with "others", i.e., existing AEC and WRH.
(See attached email.)

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 4/21/05

OUTSIDE SERVICES - ENVIRONMENTAL (508)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
Comply Ongoing Permit/Reg	HGA	875	D24	NE	NHGZZZZZ	508	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGA	875	D25	NE	NHGZZZZZ	508	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGA	875	D26	NE	NHGZZZZZ	508	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGA	875	D27	NE	NHGZZZZZ	508	500	No Escalation	42	42	42	42	42	42	42	42	42	42	42	38	500
Comply Ongoing Permit/Reg	HGA	875	SST	NE	NHGZZZZZ	508	810	No Escalation	68	68	68	68	68	68	68	68	68	68	68	62	810
Comply Ongoing-Solid & Ha	HGA	877	BNS	NE	NHGZZZZZ	508	640	No Escalation	53	53	53	53	53	53	53	53	53	53	53	57	640
Comply Ongoing-Solid & Ha	HGA	877	CNS	NE	NHGZZZZZ	508	470	No Escalation	39	39	39	39	39	39	39	39	39	39	39	41	470
Comply Ongoing-Solid & Ha	HGA	877	P01	NE	NHGZZZZZ	508	3180	No Escalation	265	265	265	265	265	265	265	265	265	265	265	265	3,180
Comply Ongoing-Solid & Ha	HGA	877	RST	NE	NHGZZZZZ	508	11750	No Escalation	979	979	979	979	979	979	979	979	979	979	979	981	11,750
Comply Ongoing-Solid & Ha	HGA	877	RST	NS	NHGZZZZZ	508	2130	No Escalation	178	178	178	178	178	178	178	178	178	178	178	172	2,130
Comply Ongoing-Solid & Ha	HGA	877	SST	NE	NHGZZZZZ	508	4820	No Escalation	402	402	402	402	402	402	402	402	402	402	402	398	4,820
							0													0	
																				0	
Comply Ongoing Permit/Reg	HGC	875	C04	NE	NHGZZZZZ	508	2470	No Escalation	206	206	206	206	206	206	206	206	206	206	206	204	2,470
Comply Ongoing Permit/Reg	HGC	875	CNS	NE	NHGZZZZZ	508	570	No Escalation	48	48	48	48	48	48	48	48	48	48	48	42	570
Manage Fuel Supply Procur	HGH	220	RST	NE	NHGZZZZZ	508	1470	No Escalation	123	123	123	123	123	123	123	123	123	123	123	117	1,470
Perf Water Treatment & Ana	HGH	248	RST	NE	NHGZZZZZ	508	880	No Escalation	73	73	73	73	73	73	73	73	73	73	73	77	880
Maint Stn Common Struct &	HGH	265	RW1	NE	NHGZZZZZ	508	930	No Escalation	78	78	78	78	78	78	78	78	78	78	78	72	930
Maint Stn Common Struct &	HGH	265	RW2	NE	NHGZZZZZ	508	930	No Escalation	78	78	78	78	78	78	78	78	78	78	78	72	930
Maint Int Combust Eng & Re	HGH	277	A11	NE	NHGZZZZZ	508	150	No Escalation	13	13	13	13	13	13	13	13	13	13	13	7	150
Comply Ongoing Permit/Reg	HGH	875	A01	NE	NHGZZZZZ	508	342	No Escalation	29	29	29	29	29	29	29	29	29	29	29	23	342
Comply Ongoing Permit/Reg	HGH	875	ANS	NE	NHGZZZZZ	508	1995	No Escalation	166	166	166	166	166	166	166	166	166	166	166	169	1,995
Comply Ongoing Permit/Reg	HGH	875	D24	NE	NHGZZZZZ	508	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Comply Ongoing Permit/Reg	HGH	875	D24	NE	NHGZZZZZ	508	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Comply Ongoing Permit/Reg	HGH	875	D25	NE	NHGZZZZZ	508	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Comply Ongoing Permit/Reg	HGH	875	D27	NE	NHGZZZZZ	508	390	No Escalation	33	33	33	33	33	33	33	33	33	33	33	27	390
Comply Ongoing Permit/Reg	HGH	875	RST	NE	NHGZZZZZ	508	195652	No Escalation	16,304	16,304	16,304	16,304	16,304	16,304	16,304	16,304	16,304	16,304	16,304	16,308	195,652
Comply Ongoing-Wastewate	HGH	876	RST	NE	NHGZZZZZ	508	410	No Escalation	34	34	34	34	34	34	34	34	34	34	34	36	410
Comply Ongoing-Wastewate	HGH	876	RST	NS	NHGZZZZZ	508	820	No Escalation	68	68	68	68	68	68	68	68	68	68	68	72	820
Comply Ongoing-Wastewate	HGH	876	SST	NE	NHGZZZZZ	508	260	No Escalation	22	22	22	22	22	22	22	22	22	22	22	18	260
Comply Ongoing-Solid & Ha	HGH	877	RST	NE	NHGZZZZZ	508	180	No Escalation	15	15	15	15	15	15	15	15	15	15	15	15	180
Maint Stn Common Struct &	HGK	265	CNS	NE	NHGZZZZZ	508	1050	No Escalation	88	88	88	88	88	88	88	88	88	88	88	82	1,050

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NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 4/21/05

OUTSIDE SERVICES - ENVIRONMENTAL (508)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Comply Ongoing Permit/Reg	HGK	875	BNS	NE	NHGZZZZZ	508	3249	No Escalation	271	271	271	271	271	271	271	271	271	271	271	268	3,249
Comply Ongoing Permit/Reg	HGK	875	C02	NE	NHGZZZZZ	508	684	No Escalation	57	57	57	57	57	57	57	57	57	57	57	57	684
Comply Ongoing Permit/Reg	HGK	875	C04	NE	NHGZZZZZ	508	6243	No Escalation	520	520	520	520	520	520	520	520	520	520	520	523	6,243
Comply Ongoing Permit/Reg	HGK	875	C05	NE	NHGZZZZZ	508	6243	No Escalation	520	520	520	520	520	520	520	520	520	520	520	523	6,243
Comply Ongoing-Wastewate	HGK	875	CNS	NE	NHGZZZZZ	508	1938	No Escalation	162	162	162	162	162	162	162	162	162	162	162	156	1,938
Comply Ongoing-Solid & Ha	HGK	877	CNS	NE	NHGZZZZZ	508	1370	No Escalation	114	114	114	114	114	114	114	114	114	114	114	116	1,370
Comply Ongoing-Solid & Ha	HGK	877	D25	NE	NHGZZZZZ	508	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
	HGK	877	D27	NE	NHGZZZZZ	508	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
	HGK	878	CNS	NE	NHGZZZZZ	508	1120	No Escalation	93	93	93	93	93	93	93	93	93	93	93	97	1,120
Maint Boiler Plt & Rel Eq-Co	HGM	259	P01	NE	NHGZZZZZ	508	490	No Escalation	41	41	41	41	41	41	41	41	41	41	41	39	490
Maint Boiler Plt & Rel Eq-Co	HGM	259	R06	NE	NHGZZZZZ	508	3340	No Escalation	278	278	278	278	278	278	278	278	278	278	278	282	3,340
Maint Boiler Plt & Rel Eq-Co	HGM	259	S03	NE	NHGZZZZZ	508	110	No Escalation	9	9	9	9	9	9	9	9	9	9	9	11	110
Maint Boiler Plt & Rel Eq-Co	HGM	259	SST	NE	NHGZZZZZ	508	2240	No Escalation	187	187	187	187	187	187	187	187	187	187	187	183	2,240
Maint Steam TurboGen & Re	HGM	262	SST	NE	NHGZZZZZ	508	1250	No Escalation	104	104	104	104	104	104	104	104	104	104	104	106	1,250
Maint Stn Common Struct &	HGM	265	PTF	NE	NHGZZZZZ	508	5280	No Escalation	440	440	440	440	440	440	440	440	440	440	440	440	5,280
Maint Stn Common Struct &	HGM	265	PWW	NE	NHGZZZZZ	508	13030	No Escalation	1,086	1,086	1,086	1,086	1,086	1,086	1,086	1,086	1,086	1,086	1,086	1,084	13,030
Maint Stn Common Struct &	HGM	265	RST	NE	NHGZZZZZ	508	3420	No Escalation	285	285	285	285	285	285	285	285	285	285	285	285	3,420
Maint Stn Common Struct &	HGM	265	RW1	NE	NHGZZZZZ	508	1300	No Escalation	108	108	108	108	108	108	108	108	108	108	108	112	1,300
Maint St Common Misc Equi	HGM	268	SST	NE	NHGZZZZZ	508	8660	No Escalation	722	722	722	722	722	722	722	722	722	722	722	718	8,660
Maint Combust Turbine & El	HGM	272	P03	NE	NHGZZZZZ	508	11680	No Escalation	973	973	973	973	973	973	973	973	973	973	973	977	11,680
Comply Ongoing-Solid & Ha	HGM	877	ANS	NE	NHGZZZZZ	508	1890	No Escalation	158	158	158	158	158	158	158	158	158	158	158	152	1,890
Perf Water Treatment & Ana	HGP	248	P01	NE	NHGZZZZZ	508	2200	No Escalation	183	183	183	183	183	183	183	183	183	183	183	187	2,200
Comply Ongoing Permit/Reg	HGP	875	P01	NE	NHGZZZZZ	508	75707	No Escalation	6,309	6,309	6,309	6,309	6,309	6,309	6,309	6,309	6,309	6,309	6,309	6,308	75,707
Comply Ongoing Permit/Reg	HGP	875	P03	NE	NHGZZZZZ	508	2907	No Escalation	242	242	242	242	242	242	242	242	242	242	242	245	2,907
Comply Ongoing-Wastewate	HGP	876	P01	NE	NHGZZZZZ	508	4560	No Escalation	380	380	380	380	380	380	380	380	380	380	380	380	4,560
Comply Ongoing-Solid & Ha	HGP	877	P01	NE	NHGZZZZZ	508	5700	No Escalation	475	475	475	475	475	475	475	475	475	475	475	475	5,700
Comply Ongoing-Solid & Ha	HGP	877	P03	NE	NHGZZZZZ	508	2690	No Escalation	224	224	224	224	224	224	224	224	224	224	224	226	2,690
Comply Ongoing-Solid & Ha	HGP	878	P01	NE	NHGZZZZZ	508	4660	No Escalation	388	388	388	388	388	388	388	388	388	388	388	392	4,660
Comply Ongoing-Solid & Ha	HGP	878	PST	NE	NHGZZZZZ	508	400	No Escalation	33	33	33	33	33	33	33	33	33	33	33	37	400
																				0	
Comply Ongoing Permit/Reg	HGW	875	SST	NE	NHGZZZZZ	508	9121	No Escalation	760	760	760	760	760	760	760	760	760	760	760	761	9,121
Comply Ongoing-Wastewate	HGW	876	SST	NE	NHGZZZZZ	508	1600	No Escalation	133	133	133	133	133	133	133	133	133	133	133	137	1,600
Comply Ongoing-Solid & Ha	HGW	877	SST	NE	NHGZZZZZ	508	130	No Escalation	11	11	11	11	11	11	11	11	11	11	11	9	130

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P. L

NonLabor Input Sheet - NonProject/NonProgram
2006

Resp Area (RA) _____

Prepared by kklein
Date 4/21/05

OUTSIDE SERVICES - ENVIRONMENTAL (508)

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Comply Ongoing-Solid & Ha	HGX	877	D24	NE	NHGZZZZZ	508	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
Comply Ongoing-Solid & Ha	HGX	877	D26	NE	NHGZZZZZ	508	160	No Escalation	13	13	13	13	13	13	13	13	13	13	13	17	160
																					419,321

RA	Act	Loc	Ind	Proj	EE	Activity	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (2004 Base) 1.0424 2006 Forecast	Emmission Fee Est 06
									Retired					
HGA	866	SST	NE	NHGZZZZZ	508	Apply for & Obt Envir Permits-W	-	-	-	-	-	-	-	
HGA	875	D24	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	100	-	-	-	25	500	500
HGA	875	D25	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	100	-	-	-	25	500	500
HGA	875	D26	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	100	-	-	-	25	500	500
HGA	875	D27	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	100	-	-	-	25	500	500
HGA	875	RST	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	9,256	-	-	-	-	-	-	
HGA	875	SST	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	1,040	1,040	1,040	1,040	-	780	810	
HGA	876	ANS	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	100	-	-	-	-	-	-	
HGA	876	BNS	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	100	-	-	-	-	-	-	
HGA	876	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	100	100	-	-	-	25	-	
HGA	876	P01	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	200	-	-	-	50	-	
HGA	876	RST	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	100	100	100	100	-	75	-	
HGA	876	SST	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	100	100	-	-	50	-	
HGA	877	BNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	2,935	2,438	-	-	-	609	640	
HGA	877	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	100	1,491	100	100	100	448	470	
HGA	877	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	
HGA	877	D24	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	100	100	100	75	-	
HGA	877	D25	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	100	100	100	75	-	
HGA	877	D26	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	100	100	100	75	-	
HGA	877	D27	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	100	100	100	75	-	
HGA	877	P01	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	10,982	11,641	350	100	100	3,048	3,180	
HGA	877	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	15,861	24,491	5,153	13,182	2,252	11,269	11,750	
HGA	877	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	
HGA	877	RST	NS	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	27,105	8,187	-	-	-	2,047	2,130	
HGA	877	SST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	12,644	4,282	946	9,063	4,201	4,623	4,820	
HGA	877	UHY	NS	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	-	-	-	-	
HGA	878	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	152	-	38	-	
HGA	878	UHY	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	391	-	98	-	
HGA	879	CNS	NE	NHGZZZZZ	508	Apply for, Obtain, Comply Ongoi	-	-	250	-	-	63	-	
HGA	879	UHY	NE	NHGZZZZZ	508	Apply for, Obtain, Comply Ongoi	-	-	-	150	-	38	-	
							80,323	54,469	8,439	24,678	7,053		25,800	
											CEMS bill reversed in 01/05		-	
HGC	875	C02	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	67,718	16,930	-	
HGC	875	C04	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	9,464	2,366	2,470	
HGC	875	C04	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	-	-	-	
HGC	875	C05	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	-	-	-	
HGC	875	CNS	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	2,169	542	570	
HGC	875	CNS	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg F	-	-	-	-	-	-	-	
							-	-	-	-	79,351		3,040	
													-	
HGH	220	RST	NE	NHGZZZZZ	508	Manage Fuel Supply Procureme	-	-	-	-	5,625	1,406	1,470	
HGH	248	RST	NE	NHGZZZZZ	508	Perf Water Treatment & Analysis	1,918	3,365	-	-	-	841	880	

RA	Act	Loc	Ind	Proj	EE	Activity	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (2004 Base) 1.0424 2006 Forecast	Emmission Fee Est 06
									Retired					
HGH	265	RW1	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	-	-	3,551	-	888	930	
HGH	265	RW2	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	-	-	3,551	-	888	930	
HGH	277	A11	NE	NHGZZZZZ	508	Maint Int Combust Eng & Rel Eq	-	566	-	-	-	142	150	
HGH	**875**	**A01**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**643**	**1,410**	**-**	**970**	**738**	**780**	**342**	**342**
HGH	**875**	**A01**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**ANS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**16,911**	**15,606**	**-**	**8,441**	**(845)**	**5,801**	**1,995**	**1,995**
HGH	**875**	**ANS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**ANS**	**NS**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**D24**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**500**	**500**	**-**	**1,004**	**-**	**376**	**390**	
HGH	**875**	**D24**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**D25**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**500**	**500**	**-**	**1,004**	**-**	**376**	**390**	
HGH	**875**	**D25**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**D26**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**500**	**500**	**-**	**1,004**	**-**	**376**	**390**	
HGH	**875**	**D27**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**500**	**500**	**-**	**1,004**	**-**	**376**	**390**	
HGH	**875**	**HPO**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	**875**	**RST**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**179,641**	**176,182**	**-**	**349,391**	**51,253**	**144,206**	**195,652**	**195,652**
HGH	**875**	**RST**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGH	876	RST	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	3,232	-	-	81	1,509	398	410	
HGH	876	RST	NS	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	-	-	3,137	-	784	820	
HGH	876	SST	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	-	-	-	1,000	250	260	
HGH	877	ANS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	-	-	-	-	
HGH	877	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	1,248	-	609	-	96	176	180	
HGH	878	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	-	161	40	-	
							205,594	**199,129**	**609**	**373,138**	**59,537**		**205,579**	
HGK	265	CNS	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	1,391	2,630	-	-	1,005	1,050	
HGK	**875**	**BNS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**10,156**	**12,551**	**-**	**14,206**	**(218)**	**6,635**	**3,249**	**3,249**
HGK	**875**	**BNS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGK	**875**	**C02**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**4,917**	**7,145**	**-**	**17,441**	**(9,628)**	**3,740**	**684**	**684**
HGK	**875**	**C02**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGK	**875**	**C04**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**6,243**	**6,243**
HGK	**875**	**C05**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**6,243**	**6,243**
HGK	**875**	**CNS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**31,616**	**34,409**	**-**	**19,117**	**(6,520)**	**11,752**	**1,938**	**1,938**
HGK	**875**	**CNS**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
HGK	876	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	-	-	-	-	-	-	
HGK	877	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	2,938	3,217	2,048	-	-	1,316	1,370	
HGK	877	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	-	-	-	-	
HGK	877	D25	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	608	-	152	160	
HGK	877	D27	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	608	-	152	160	
HGK	878	CNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	4,304	-	1,076	1,120	
							49,627	**58,712**	**4,678**	**56,284**	**(16,366)**		**22,217**	
													-	
HGM	259	P01	NE	NHGZZZZZ	508	Maint Boiler Plt & Rel Eq-Corr	-	-	-	-	1,895	474	490	

RA	Act	Loc	Ind	Proj	EE	Activity	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (2004 Base) 1.0424 2006 Forecast	Emmission Fee Est 06
									Retired					
HGM	259	R06	NE	NHGZZZZZ	508	Maint Boiler Plt & Rel Eq-Corr	-	4,653	8,177	-	-	3,208	3,340	
HGM	259	S03	NE	NHGZZZZZ	508	Maint Boiler Plt & Rel Eq-Corr	-	-	-	437	-	109	110	
HGM	259	SST	NE	NHGZZZZZ	508	Maint Boiler Plt & Rel Eq-Corr	-	-	-	8,586	-	2,147	2,240	
HGM	262	SST	NE	NHGZZZZZ	508	Maint Steam TurboGen & Rel E	-	-	-	4,800	-	1,200	1,250	
HGM	265	PTF	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	-	20,260	-	-	5,065	5,280	
HGM	265	PWW	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	1,293	19,471	29,225	-	12,497	13,030	
HGM	265	RST	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	-	-	-	13,125	3,281	3,420	
HGM	265	RW1	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	-	4,233	-	-	748	1,245	1,300	
HGM	265	VHY	NE	NHGZZZZZ	508	Maint Stn Common Struct & Sys	174	-	-	-	-	-	-	
HGM	268	SST	NE	NHGZZZZZ	508	Maint St Common Misc Equip-C	-	-	-	33,221	-	8,305	8,660	
HGM	272	P03	NE	NHGZZZZZ	508	Maint Combust Turbine & Elec E	-	-	44,823	-	-	11,206	11,680	
HGM	280	U02	NE	NHGZZZZZ	508	Maint Renew Energy & Rel Eq-C	-	-	-	-	182	46	-	
HGM	280	UHY	NE	NHGZZZZZ	508	Maint Renew Energy & Rel Eq-C	553	-	-	-	-	-	-	
HGM	877	ANS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	1,083	5,313	1,936	-	-	1,812	1,890	
HGM	878	ANS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	795	-	-	-	-	-	-	
							2,605	**15,492**	**94,666**	**76,269**	**15,950**		**52,690**	
HGP	248	P01	NE	NHGZZZZZ	508	Perf Water Treatment & Analysis	1,049	-	8,457	-	-	2,114	2,200	
HGP	**875**	**P01**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**78,259**	**78,501**	-	**129,779**	**(1,581)**	**51,675**	**75,707**	**75,707**
HGP	**875**	**P01**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	-	-	-	-	-	-	-	
HGP	**875**	**P03**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**10,156**	**10,153**	-	**21,163**	**(556)**	**7,690**	**2,907**	**2,907**
HGP	**875**	**P03**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	-	-	-	-	-	-	-	
HGP	876	P01	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	-	-	15,510	1,658	312	4,370	4,560	
HGP	877	P01	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	7,116	11,504	4,004	2,920	3,444	5,468	5,700	
HGP	877	P01	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	-	-	-	-	
HGP	877	P03	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	6,394	2,525	5,775	2,029	-	2,582	2,690	
HGP	878	P01	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	17,178	685	4,466	4,660	
HGP	878	PST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	1,543	-	-	-	386	400	
							102,974	**104,226**	**33,746**	**174,727**	**2,304**		**98,824**	
HGT	878	RST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	15	-	4	-	
													-	
													-	
HGW	248	RST	NE	NHGZZZZZ	508	Perf Water Treatment & Analysis	1,878	-	-	-	-	-	-	
HGW	866	SST	NE	NHGZZZZZ	508	Apply for & Obt Envir Permits-W	140	-	-	-	-	-	-	
HGW	**875**	**SST**	**NE**	**NHGZZZZZ**	**508**	**Comply Ongoing Permit/Reg F**	**45,127**	**39,157**	-	**28,028**	**13,521**	**20,176**	**9,121**	**9,121**
HGW	875	SST	NE	NHGZZZZZ	508	Comply Ongoing Permit/Reg Re	-	-	-	-	-	-	-	
HGW	876	SST	NE	NHGZZZZZ	508	Comply Ongoing-Wastewater	3,321	-	1,854	3,163	1,107	1,531	1,600	
HGW	877	SST	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	192	-	-	-	508	127	130	
							50,657	**39,157**	**1,854**	**31,191**	**15,136**		**10,851**	
HGX	877	D24	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	608	-	152	160	
HGX	877	D26	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W.	-	-	-	608	-	152	160	

RA	Act	Loc	Ind	Proj	EE	Activity	FY00 ActualPY	FY01 ActualPY	FY02 ActualPY	FY03 ActualPY	FY04 ActualPY	FY01-FY04 Average	Escalation (2004 Base) 1.0424 2006 Forecast	Emmission Fee Est 06
									Retired					
HGX	878	BNS	NE	NHGZZZZZ	508	Comply Ongoing-Solid & Haz W	-	-	-	-	187	47	-	
							-	-	-	1,216	187		320	
							491,780	471,186	143,993	737,518	163,152		419,321	306,081

Intercompany Request for 2006 **2006**

PROJECTS	Date Rec'd		
001 **Environmental Support**		$	420,800
Bert Morikuni, Environmental Department			
(808) 543-4500 PJA	**3/30/2005**		
002 **Fuel Services & Barge Contract**		$	49,909
Jeff Aicken, Director Fuel Resources Division			
(808) 543-4350 PIF	**3/28/2005**		
(Floyd Shiroma)			
	Project Total	$	470,709

NON PROJECTS			
003 **Heco Generation Forecast**		$	107,862 (2)
Ross Sakuda, Director Gen Planning			
(808) 543-4450 PYB	**3/28/2005**		
(Brenner Munger, Planning & Engr Dept Manager / Bert Morikuni)			
004 **Legal services for Environment/Production Dept**		$	2,792
Lorrie Iwanaga, Legal Department			
(808) 543-4796 PNC	**3/8/2005**		
(Susan Li)			
005 ***Boiler & Pressure Vessel Inspections***		$	8,000
(Edmund Chang)			
Bert Morikuni/Ed Change, Power Supply/Technical Services Division			
(808) 543-4227 PIE	**3/28/2005**		
(Brenner Munger, Planning & Engr Dept Manager / Bert Morikuni)			
PPA Administration		$	-
006 Susan Li, Legal Department		$	-
(808) 543-4350 PNC	No response		
007 Dan Ching, Purchase Power Division		$	-
(808) 543-4350 PIF	**3/20/2005**		
	Non project total	$	118,654
	Total ICB	$	589,363

INTERCOMPANY BILLING - INPUT SHEET
NON - PROJECT
2006

Resp Area (RA) _____
OTHER SERVICES - INTERCOMPANY BILLING

Prepared by kklein
Date 3/31/05

	Dimension tab card							Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Lbr Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
									(enter Dollars or Vehicle Hours in "Units tab card")												
ICB (1) Heco Environ.	See Project																				0
ICB (2) Heco Fuel Res.	See Project																				0
ICB (3) HECO Generation Forecast																					
Heco - Gen Planning	HGA	220	RST	NE	NHGZZZZZ	550	107862	No escalation	8,989	8,989	8,989	8,989	8,989	8,989	8,989	8,989	8,989	8,989	8,989	8,983	107,862
ICB (4) Heco Legal Dept																					
Heco Legal - Env. Air	HGA	875	RST	NE	NHGZZZZZ	550	1118	No escalation	93	93	93	93	93	93	93	93	93	93	93	95	1118
Heco Legal - Env. WWater	HGA	876	RST	NE	NHGZZZZZ	550	558	No escalation	47	47	47	47	47	47	47	47	47	47	47	41	558
Heco Legal - Env. Oil	HGA	877	RST	NE	NHGZZZZZ	550	558	No escalation	47	47	47	47	47	47	47	47	47	47	47	41	558
Heco Legal - Env. Solid Wast	HGA	878	RST	NE	NHGZZZZZ	550	558	No escalation	47	47	47	47	47	47	47	47	47	47	47	41	558
																				Total	2,792
ICB (5) Heco Technical Services Division - Blr & Pressure Vessel Inspections																					
Heco - Blr Inspections	HGM	257	RST	NE	NHGZZZZZ	550	2667	No escalation	222	222	222	222	222	222	222	222	222	222	222	225	2,667
Heco - Blr Inspections	HGM	257	SST	NE	NHGZZZZZ	550	2667	No escalation	222	222	222	222	222	222	222	222	222	222	222	225	2,667
Heco - Blr Inspections	HGM	257	P01	NE	NHGZZZZZ	550	2666	No escalation	222	222	222	222	222	222	222	222	222	222	222	224	2,666
																				Total	8,000
ICB (6&7) PPA Administration																					
Heco Legal - PPA	HGA	122	HEL	NE	NHGZZZZZ	550		No escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
Heco Purch Pwr - PPA	HGA	122	HEL	NE	NHGZZZZZ	550		No escalation	0	0	0	0	0	0	0	0	0	0	0	0	0
																				Total	0
Total ICB																				Total	118,654

IR 2 Att 2G 550 ICBs.xls, ICB Input 2006
5/31/2006

CA-IR-2
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 2G
PAGE 2 OF 2

Hawaii Electric Light Company
Lalamilo Windfarm O&M Forecast 2006

Assumptions:
2006 labor uses 2004 recorded, assumes 5 employees
2006 no temporary hire.
2006 materials and other services are based on historical average (2001-2004).
2006 vehicle costing/depreciation - use 2003 (round up).
2006 crane insurance - use 2001 (round up)
2007 increased by 1.02189% over 2006

Description		Cost Center	Expense Element	2001	2002	2003	2004	2001-2004 Avg	2006	
Capital:										
Lalamilo Tools & Equipment		HLA278F01NIH0000059	201	1,121.57	0.00	0.00	0.00			
Operations:										
	546500	HLA244F01NENHCZZZZZ	501							
Tools & Equipment	546500	HLA244F01NEH0000059	201	(1,121.57)						
Operational materials	546500	HLA244F01NENHLZZZZZ	201	43,494.35	32,131.34	29,285.31	6,817.38	27,932.35	28,000.00	
Operations - outside services (see below)	546500	HLA244F01NENHLZZZZZ	501	35,629.68	34,019.16	39,358.34	35,553.17	36,140.09	42,100.00	
	546500	HLA244F01NENHLZZZZZ	522							
	546500	HLA244F01NENHLZZZZZ	900							
	546500	HLA244F01NENHLZZZZZ	905							
	546500	HLA244F01NENHZZZZZZ	201							
Pecs labor miscoding	546500	HLA244F01NENHZZZZZZ	501							
Operations Total				78,002.46	66,150.50	68,644.65	42,370.55	64,072.43	70,100.00	
Preventive maintenance - materials	553500	HLA278F01NENHLZZZZZ	201	2,342.32	659.93	845.72	2,513.83	1,590.45	1,600.00	
Preventive maintenance - vehicle	553500	HLA278F01NENHLZZZZZ	301							
Preventive maintenance - Pecs labor	553500	HLA278F01NENHLZZZZZ	501	36,835.36	49,716.72	59,156.03	54,409.15	50,029.32	54,500.00	(2)
Predictive maintenance - materials	553500	HLA279F01NENHLZZZZZ	201	7,455.22	1,387.29	6,787.91	19,585.45	8,803.97	8,900.00	
Predictive maintenance - Pecs labor	553500	HLA279F01NENHLZZZZZ	501	36,835.36	49,714.64	59,106.11	54,409.15	50,016.82	54,500.00	(2)
Predictive maintenance - outside service	553500	HLA279F01NENHLZZZZZ	501							
Predictive maintenance - temporary hire	553500	HLA279F01NENHLZZZZZ	503	22,928.31	30,178.37	5,485.19	0.00	14,647.47	0.00	
Corrective maintenance - materials	553500	HLA280F01NENHLZZZZZ	201	35,254.47	154,526.42	6,186.56	12,908.10	52,218.89	52,300.00	(2)
Corrective maintenance - vehicle	553500	HLA280F01NENHLZZZZZ	301							
Corrective maintenance - Pecs labor	553500	HLA280F01NENHLZZZZZ	501	36,835.28	50,027.11	40,680.63	54,435.76	45,494.70	54,500.00	(2)
Corr maintenance - outside service (HSI)		HLA280F01NENHLZZZZZ	501		26,727.82	59,106.12	0.00			
Road Repairs		HLA932F01NENHLZZZZZ	501		28,650.00		7,440.00			
Vehicle registration expense	554500	HLA942HELNENHLZZZZZ	201							
Vehicle depreciation & costing	554500	HLA942HELNENHLZZZZZ	301	1,541.00	5,060.75	7,820.98	3,864.74	4,571.87	3,900.00	
Others (miscoding to labor)	554500	HLA942				722.47	0.00			
Maintenance Total				180,025.32	396,648.85	245,901.72	209,566.18	227,373.47	230,200.00	
Total				259,149.35	462,799.35	314,546.37	251,936.73	291,445.90	300,300.00	12/7 AT 1, p4
Selected Detail:										
DWS maintenance fee				6,708.90	7,503.06	6,294.66	5,573.28	6,519.98	6,600.00	
Pecs labor - operation				19,331.81	23,580.00	27,568.05	26,581.38	24,265.31	26,600.00	
Crane insurance				2,343.50	0.00	0.00	0.00	585.88	2,400.00	
Utilities and others				7,245.47	2,936.10	5,495.63	10,215.89	6,473.27	6,500.00	
Operations - outside service				35,629.68	34,019.16	39,358.34	42,370.55	37,844.43	42,100.00	
Pecs labor - maintenance				110,506.00	149,458.47	158,944.77	163,254.06		163,500.00	
Pec Labor Oper & Maint				129,837.81	173,038.47	186,512.82	189,835.44		190,100.00	
Pecs labor - operation	26,600.00									
Preventive maintenance - Pecs labor	54,500.00									
Predictive maintenance - Pecs labor	54,500.00									

Lalamilo Forecast - FY 2006

RA	Act	Loc	Ind	Proj	EE	Line Item	FY06 Budget	Jan 06 Budget	Feb 06 Budget	Mar 06 Budget	Apr 06 Budget	May 06 Budget	Jun 06 Budget	Jul 06 Budget	Aug 06 Budget	Sep 06 Budget	Oct 06 Budget	Nov 06 Budget	Dec 06 Budget
HLA	244	F01	NE	NHLZZZZZ	201	Operational Materials	28,000.00	2,330	2,330	2,330	2,330	2,330	2,330	2,330	2,330	2,330	2,330	2,330	2,3
HLA	244	F01	NE	NHLZZZZZ	501	DWS Maint Fee - Admin	6,600.00	550	550	550	550	550	550	550	550	550	550	560	5
HLA	244	F01	NE	NHLZZZZZ	501	Insurance - OP	2,400.00	200	200	200	200	200	200	200	200	200	200	200	2
HLA	244	F01	NE	NHLZZZZZ	501	PECS Service - OP	26,600.00	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,220	2,1
HLA	244	F01	NE	NHLZZZZZ	501	Utilities and Others	6,500.00	540	540	540	540	540	540	540	540	540	540	510	5
						Total Operations	70,100.00	5,840	5,840	5,840	5,840	5,840	5,840	5,840	5,840	5,840	5,840	5,820	5,8
HLA	278	F01	NE	NHLZZZZZ	201	Preventive materials	1,600.00	130	130	130	130	130	130	130	130	130	130	140	1
HLA	278	F01	NE	NHLZZZZZ	501	Prev Maint - PECS labor	54,500.00	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,560	4,5
HLA	279	F01	NE	NHLZZZZZ	201	Pred Maint - materials	8,900.00	740	740	740	740	740	740	740	740	740	740	740	7
HLA	279	F01	NE	NHLZZZZZ	501	Pred Maint - PECS labor	54,500.00	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,560	4,5
HLA	279	F01	NE	NHLZZZZZ	503	Pred Maint - temporary hire	0.00	-	-	-	-	-	-	-	-	-	-	-	-
HLA	280	F01	NE	NHLZZZZZ	201	Corrective maint materials	52,300.00	4,360	4,360	4,360	4,360	4,360	4,360	4,360	4,360	4,360	4,360	4,360	4,3
HLA	280	F01	NE	NHLZZZZZ	501	Corr Maint - PECS labor	54,500.00	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,540	4,550	4,5
HLA	942	HEL	NE	NHLZZZZZ	201	Vehicle registration	0.00	-	-	-	-	-	-	-	-	-	-	-	-
HLA	942	HEL	NE	NHLZZZZZ	301	Vehicle depreciation	3,900.00	330	330	330	330	330	330	330	330	330	330	320	2
						Total Maintenance	230,200.00	19,180	19,180	19,180	19,180	19,180	19,180	19,180	19,180	19,180	19,180	19,230	19,1
						2006 Forecast Input	**300,300.00**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,020**	**25,050**	**25,0**

BLOCK OF ACCOUNT
ACCOUNT
DEPARTMENT
RA
ACTIVITY
LOCATION
EXPENSE ELEMENT

	2006 Budget
Total HG0	**5,372**
Total 549420	**5,372**
549430 Op Misc Oth Pwr Exp-Disp Gen Unit # 27	
HG0 Generation	
HGA Admin-Production	
875 Comply Ongoing Permit/Reg Reqs-Air	
D27 #27 Dispersed Gen-Helco	
508 Outside Svcs-Environ	500
550 Intercompany Charges	2,592
Total HGA	**3,092**
HGH Hill Plant Operations	
875 Comply Ongoing Permit/Reg Reqs-Air	
D27 #27 Dispersed Gen-Helco	
508 Outside Svcs-Environ	1,500
Total HGH	**1,500**
HGK Keahole Plant Maintenance	
875 Comply Ongoing Permit/Reg Reqs-Air	
D27 #27 Dispersed Gen-Helco	
501 Outside Svcs-General	310
877 Comply Ongoing-Solid & Haz Waste,Oil Re	
D27 #27 Dispersed Gen-Helco	
508 Outside Svcs-Environ	160
Total HGK	**470**
Total HG0	**5,062**
Total 549430	**5,062**
557 OTHER POWER SUPPLY EXPENSES	
H9PD President	
H9P President's Office	
122 Evaluate & Negotiate New Contracts	
HEL HELCO	
502 Outside Svcs-Legal	250,000
550 Intercompany Charges	136,895
Total H9P	**386,895**
Total H9PD	**386,895**

HELCO PRESIDENT'S OFFICE
Operating Budget 2006-2007

UPDATED: 6/2/05

Act	Loc	Ind	Proj	EE	Line Item	FY04 Actual	FY05 Update	FY06 Budget	FY06 Revised	Diff	FY07	Comments
98	HEL	ND	NHZZZZZZ	107		12799	4595	0				NP hours (holidays and vac)
98	HEL	NC	NHAPRESI	107	NP Hours	0	9058	13298	13298	0		NP hours (holidays and vac)
120	HEL	NE	NHAPRESI	150	Admin as-avail PPA (Pres Labor)	105	993	1537	1537	0	0	consolidated with act 700
120	HEL	NE	NHAPRESI	155		-2	0	0		0		overhead
120	HEL	NE	NHAPRESI	406		2	0	0		0		overhead
120	HEL	NE	NHAPRESI	421		6	0	0		0		overhead
120	HEL	NE	NHAPRESI	422		7	0	0		0		overhead
120	HEL	NE	NHAPRESI	423		9	0	0		0		overhead
121	HEL	NE	NHAPRESI	150	Admin firm capacity PPA (Pres Labor)	492	1239	1537	1537	0	0	consolidated with act 700
121	HEL	NE	NHAPRESI	155		-9	1	0		0		overhead
121	HEL	NE	NHAPRESI	406		16	7	0		0		overhead
121	HEL	NE	NHAPRESI	421		28	14	0		0		overhead
121	HEL	NE	NHAPRESI	422		45	8	0		0		overhead
121	HEL	NE	NHAPRESI	423		43	22	0		0		overhead
121	HEL	NE	NHAPRESI	501		1029	-1029	0		0		outside services - general
121	HEL	NE	NHAPRESI	502		5092	1814	0		0		outside services - legal
121	HEL	NE	NHAPRESI	521		30	0	0		0		
121	HEL	NE	NHAPRESI	522		14	0	0		0		
121	HEL	NE	NHAPRESI	550		282	0	0		0		
122	HEL	NE	NHAPRESI	150	Nego new PPA (Pres Labor)	140	3050	4610	4610	0		Labor
122	HEL	NE	NHAPRESI	155		-4	5	0		0		overhead
122	HEL	NE	NHAPRESI	406		2	2	0		0		overhead
122	HEL	NE	NHAPRESI	421		8	4	0		0		overhead
122	HEL	NE	NHAPRESI	422		14	8	0		0		overhead
122	HEL	NE	NHAPRESI	423		12	7	0		0		overhead
122	HEL	NE	NHAPRESI	501		-12890	0	0		0		→ Cont'd nego of existing proposals plus
122	HEL	NE	NHAPRESI	502	Outside Legal Svcs - PPA	173387	177393	250000	250000*	0 (2)	250000	Per WL new wind proposals expected in (A)
122	HEL	NE	NHAPRESI	550	Interco - PPA (combined)	130421	158467	180596	136895	-43701 (2)	137868	TOTAL (breakdown in italics) 2005-2006. (B)
									5616		*5616*	*Interco - Gen Plng Div*
									49755		*49755*	*Interco - Trans Plng Div* → S.Pt Wind Power
									20663		*21436*	*Interco - PPA. Legal* Tradewinds
									7100		*7300*	*Interco - PPA, Financial Svc* Pavt Ranch
									53761		*53761*	*Interco - PPA Division*
131	HEL	NN	NHAPRESI	501	New Business Development	0	6667	10000	10000	0	10000	
700	HEL	NE	NHAPRESI	150	Dev/admin business plans (Pres Labor)	153967	151956	149052	149052	0		Labor
700	HEL	NE	NHNZZZZZ	150		894	0	0		0		Labor
700	HEL	NE	NHAPRESI	155		7665	-2515	0		0		overhead
700	HEL	NE	NHNZZZZZ	155		664	0	0		0		overhead
700	HEL	NE	NHAPRESI	201		352	57	0		0		material issues/purchases
700	HEL	NE	NHAPRESI	205		15431	3563	0		0		material purchases - procard; budgeted to specific expense elements 201 or 522
700	HEL	NE	NHAPRESI	301	Pres Vehicle Charges	0	4970	7654	15000	7346	15660	$700/mo stipend + $550/mo gas (06) and $605/mo gas (07)
700	HEL	NE	NHAPRESI	406		5326	2251	0		0		overhead
700	HEL	NE	NHNZZZZZ	406		79	0	0		0		overhead
700	HEL	NE	NHAPRESI	421		11250	4312	0		0		overhead

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700	HEL	NE	NHNZZZZZ	421		223	0	0		0		overhead
700	HEL	NE	NHAPRESI	422		15725	6027	0		0		overhead
700	HEL	NE	NHNZZZZZ	422		250	0	0		0		overhead
700	HEL	NE	NHAPRESI	423		14429	4728	0		0		overhead
700	HEL	NE	NHNZZZZZ	423		138	0	0		0		overhead
700	HEL	NE	NHAPRESI	451	IT Charges - Interco	1264	1227	1143	1268	125	1268	
700	HEL	NE	NHAPRESI	501	General Outside Services	36818	8238	10500	10500	0	10500	Per WL. 2004: one-time cost of $28K
700	HEL	NE	NHAPRESI	516		150	0	0		0		
700	HEL	NE	NHAPRESI	521	Meals & Entertainment (General)	521	1470	2000	2000	0	2000	overnight trips ~1x/week; others
700	HEL	NE	NHAPRESI	522	Interisland Travel	4241	14173	15000	15000	0	16500	estimate based on 2004 actual; expense elements 205 and 522 combined
700	HEL	NE	NHAPRESI	550	Interco - Pres Oahu Vehicle	1928	467	750	750	0	760	
701	HEL	NE	NHAPRESI	150	Dev & manage forecasts (labor)	4743	523	820	820	0	0	consolidated with activity 700
701	HEL	NE	NHAPRESI	155		200	0	0		0		overhead
701	HEL	NE	NHAPRESI	406		133	0	0		0		overhead
701	HEL	NE	NHAPRESI	421		356	0	0		0		overhead
701	HEL	NE	NHAPRESI	422		395	0	0		0		overhead
701	HEL	NE	NHAPRESI	423		439	0	0		0		overhead
701	HEL	NE	NHAPRESI	501		42	0	0		0		
701	HEL	NE	NHAPRESI	522		15	0	0		0		
720	HEL	NE	NHAPRESI	301	Improve business process	8924	2324	0		0		Costs transf to exp elmt 501
720	HEL	NE	NHAPRESI	522		14	0	0		0		
723	HEL	NE	NHAPRESI	150	Mng/admin incentive plans/recog progs	281	0	0		0		
723	HEL	NE	NHAPRESI	155		-3	0	0		0		
723	HEL	NE	NHAPRESI	201		17	1155	0		0		material issues/purchases
723	HEL	NE	NHAPRESI	406		6	0	0		0		overhead
723	HEL	NE	NHAPRESI	421		16	0	0		0		overhead
723	HEL	NE	NHAPRESI	422		18	0	0		0		overhead
723	HEL	NE	NHAPRESI	423		25	0	0		0		overhead
723	HEL	NE	NHAPRESI	522		7	0	0		0		interisland travel
723	HEL	NE	NHAPRESI	900	Incentive Plans (combined)	282286	248263	346735	359640	12905	369910	TOTAL (breakdown in italics)
									32200		*33400*	*Incentive Plan - Merit Team*
									54100		*55400*	*Incentive Plan - EICP*
									151400		*155200*	*Incentive Plan - LTIP*
									57240		*59110*	*Incentive Plan - Stock Option (HEI to confirm)*
									64700		*66800*	*Incentive Plan - Merit Key Contributor*
723	HPO	NE	NHGZZZZZ	900		14864	5195	0		0		Incl with merit comp budget
723	HDO	NE	NHDZZZZZ	900		5948	2078	0		0		Incl with merit comp budget
723	HTO	NE	NHDZZZZZ	900		5948	2078	0		0		Incl with merit comp budget
730	HEL	NE	NHAPRESI	150	Research new technology (labor)	70	0	0		0		Labor
730	HEL	NE	NHAPRESI	155		3	0	0		0		overhead
730	HEL	NE	NHAPRESI	406		1	0	0		0		overhead
730	HEL	NE	NHAPRESI	421		4	0	0		0		overhead
730	HEL	NE	NHAPRESI	422		5	0	0		0		overhead
730	HEL	NE	NHAPRESI	423		7	0	0		0		overhead
730	HEL	NE	NHAPRESI	501	R&D	0	66667	100000	100000	0	100000	Pending WL approval
730	HEL	NE	NHAPRESI	550	Interco - Energy Solutions/Tech	3707	16428	26242	34524	8282	35479	Energy Solutions (Exec), Energy Solutions/Tech
735	HEL	NE	NHAPRESI	150	Prep/support rate case filing	281	0	0		0		Labor

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735	HEL	NE	NHAPRESI	155		-12	0	0		0		overhead
735	HEL	NE	NHAPRESI	406		8	0	0		0		overhead
735	HEL	NE	NHAPRESI	421		16	0	0		0		overhead
735	HEL	NE	NHAPRESI	422		9	0	0		0		overhead
735	HEL	NE	NHAPRESI	423		24	0	0		0		overhead
738	HEL	NE	NHAPRESI	502	Other PUC Regulatory Filings	54169	36527	25000	50000	25000	50000	Estimates revised based on 2004 recorded.
745	HEL	NE	NHAPRESI	150	Maint Ritns w/Govt,Legis (Pres Labor)	3510	5950	7683	7683	0		Labor
745	HEL	NE	NHAPRESI	155		541	-5	0		0		overhead
745	HEL	NE	NHAPRESI	406		95	30	0		0		overhead
745	HEL	NE	NHAPRESI	421		202	57	0		0		overhead
745	HEL	NE	NHAPRESI	422		212	51	0		0		overhead
745	HEL	NE	NHAPRESI	423		360	87	0		0		overhead
745	HEL	NE	NHAPRESI	501		-25	0	0		0		outside services - general
745	HEL	NE	NHAPRESI	502		0	4690	0		0		outside services - legal
745	HEL	NE	NHAPRESI	521		41	25	0		0		meals/entertainment
745	HEL	NE	NHAPRESI	522		27	11	0		0		interisland travel
745	HEL	NE	NHAPRESI	550	Interco - Govt Relations	15476	12036	9726	11243	1517	11652	Interco-Govt Relations only
749	HEL	NE	NHAPRESI	150	Maint Ritns w/Indus,Trade,Prof (Pres Labor)	11304	4967	7683	7683	0		Labor
749	HEL	NE	NHAPRESI	155		728	0	0		0		overhead
749	HEL	NE	NHAPRESI	205		21	0	0		0		Materials - procard
749	HEL	NE	NHAPRESI	406		334	0	0		0		overhead
749	HEL	NE	NHAPRESI	421		653	0	0		0		overhead
749	HEL	NE	NHAPRESI	422		952	0	0		0		overhead
749	HEL	NE	NHAPRESI	423		1071	0	0		0		overhead
749	HEL	NE	NHAPRESI	501		605	1750	0		0		outside services - general
749	HEL	NE	NHAPRESI	515	Company Memberships	9395	17434	15000	15000	0	15000	HIEDB (5K), HLPC (2K), HVB (1.5K), BIG (5K), HYC (1.2K), HICC (.1K), HIPCC (.035K)
749	HEL	NE	NHAPRESI	516	Employee Membership	0	0	150	150	0	150	WL's professional eng license renewal
749	HEL	NE	NHAPRESI	521	Meals & Entertainment	166	501	600	600	0	600	~$50/mo
749	HEL	NE	NHAPRESI	522		23	18	0		0		
750	HEL	NE	NHAPRESI	150	Maint Ritns w/Customers (Pres Labor)	1508	5282	7683	7683	0		Labor
750	HEL	NE	NHAPRESI	155		-47	27	0		0		overhead
750	HEL	NE	NHAPRESI	406		40	10	0		0		overhead
750	HEL	NE	NHAPRESI	421		86	18	0		0		overhead
750	HEL	NE	NHAPRESI	422		120	36	0		0		overhead
750	HEL	NE	NHAPRESI	423		129	30	0		0		overhead
750	HEL	NE	NHAPRESI	502	Outside Legal Services	94	23333	35000	0	-35000	0	Outside legal services related to customer retention, consolidated with activity 738.
750	HEL	NE	NHAPRESI	521		123	0	0		0		
750	HEL	NE	NHAPRESI	550	Interco - Corporate Communications	3888	2985	1900	1900	0	1924	Customer relations
										0		
752	HEL	NE	NHAPRESI	150	Maint Ritns w/Media (Pres Labor)	70	498	768	768	0	0	consolidated with activity 700
752	HEL	NE	NHAPRESI	155		1	0	0		0		overhead
752	HEL	NE	NHAPRESI	406		2	0	0		0		overhead
752	HEL	NE	NHAPRESI	421		4	0	0		0		overhead
752	HEL	NE	NHAPRESI	422		2	0	0		0		overhead
752	HEL	NE	NHAPRESI	423		6	0	0		0		overhead

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753	HEL	NE	NHAPRESI	150	Maint Rltns w/Community	10636	11478	8093	8093	0		
753	HEL	NE	NHAPRESI	155		427	19	0		0		overhead
753	HEL	NE	NHAPRESI	205		751	789	0		0		material - procard
753	HEL	NN	NHAPRESI	205		-1	0	0		0		
753	HEL	NE	NHAPRESI	406		323	189	0		0		overhead
753	HEL	NE	NHAPRESI	421		643	361	0		0		overhead
753	HEL	NE	NHAPRESI	422		781	415	0		0		overhead
753	HEL	NE	NHAPRESI	423		983	557	0		0		overhead
753	HEL	NN	NHAPRESI	501	President Discretionary Fund	16650	18760	15000	30000	15000	30000	
753	HEL	NE	NHAPRESI	501	Community Svc - Outside Services	2425	12925	15000	15000	0	15000	Per WL
753	HEL	NE	NHAPRESI	521		479	128	0		0		
753	HEL	NE	NHAPRESI	522		74	255	0		0		
										0		
755	HEL	NE	NHAPRESI	150	Pres Labor	2878	3331	4610	4610	0		Labor
755	HEL	NE	NHAPRESI	155		-82	30	0		0		overhead
755	HEL	NE	NHAPRESI	201		54	0	0		0		
755	HEL	NE	NHAPRESI	205		410	0	0		0		
755	HEL	NE	NHAPRESI	406		63	11	0		0		overhead
755	HEL	NE	NHAPRESI	421		166	20	0		0		overhead
755	HEL	NE	NHAPRESI	422		188	40	0		0		overhead
755	HEL	NE	NHAPRESI	423		249	34	0		0		overhead
755	HEL	NE	NHAPRESI	501	Advisory Bd (Directors Fee)	13389	15000	16000	16000	0	16000	$1K/member per meeting; fees appvd by HEI Board
755	HEL	NE	NHAPRESI	521	Advisory Bd (Meals & Entertainment)	401	520	500	500	0	500	~$100-$125/meeting
755	HEL	NE	NHAPRESI	522		43	0	0		0		
765	HEL	NE	NHAPRESI	150	Dev/Mge/Admin Empl Prac, Proc (Pres Labor)	2485	1987	3073	3073	0		Labor
765	HEL	NE	NHAPRESI	155		139	0	0		0		overhead
765	HEL	NE	NHAPRESI	406		69	0	0		0		overhead
765	HEL	NE	NHAPRESI	421		182	0	0		0		overhead
765	HEL	NE	NHAPRESI	422		204	0	0		0		overhead
765	HEL	NE	NHAPRESI	423		233	0	0		0		overhead
765	HEL	NE	NHAPRESI	501		89	0	0		0		
765	HEL	NE	NHAPRESI	521		25	0	0		0		
765	HEL	NE	NHAPRESI	522		14	0	0		0		
767	HEL	NE	NHAPRESI	150	Dev/Mge/Admin Empl Recruit (Pres Labor)	490	562	0		0		Labor
767	HEL	NE	NHAPRESI	155		4	1	0		0		overhead
767	HEL	NE	NHAPRESI	406		17	17	0		0		overhead
767	HEL	NE	NHAPRESI	421		28	32	0		0		overhead
767	HEL	NE	NHAPRESI	422		40	18	0		0		overhead
767	HEL	NE	NHAPRESI	423		45	50	0		0		overhead
767	HEL	NE	NHAPRESI	521		0	102	0		0		
777	HEL	NE	NHAPRESI	150	Process Payroll (Exec Sec Labor)	237	131	205	205	0		
777	HEL	NE	NHAPRESI	155		171	0	0		0		overhead
777	HEL	NE	NHAPRESI	406		28	0	0		0		overhead
777	HEL	NE	NHAPRESI	421		58	0	0		0		overhead
777	HEL	NE	NHAPRESI	422		92	0	0		0		overhead
777	HEL	NE	NHAPRESI	423		37	0	0		0		overhead
789	HEL	NE	NHNZZZZZ	150		374	0	0		0		

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789	HEL	NE	NHAPRESI	150	Attend Training (Exec Sec Labor)	81	781	410	410	0		
789	HEL	NE	NHNZZZZZ	155		289	0	0		0		overhead
789	HEL	NE	NHAPRESI	155		65	19	0		0		overhead
789	HEL	NE	NHNZZZZZ	406		33	0	0		0		overhead
789	HEL	NE	NHAPRESI	406		10	36	0		0		overhead
789	HEL	NE	NHNZZZZZ	421		93	0	0		0		overhead
789	HEL	NE	NHAPRESI	421		20	69	0		0		overhead
789	HEL	NE	NHNZZZZZ	422		105	0	0		0		overhead
789	HEL	NE	NHAPRESI	422		29	136	0		0		overhead
789	HEL	NE	NHNZZZZZ	423		59	0	0		0		overhead
789	HEL	NE	NHAPRESI	423		13	48	0		0		overhead
789	HEL	NE	NHAPRESI	501	Training - Outside Services	0	3482	5000	5000	0	5000	One mainland trip
789	HEL	NE	NHAPRESI	522		0	64	0		0		
797	HEL	NE	NHAPRESI	150	Attend Safety Training	0	744	973	973	0		
797	HEL	NE	NHAPRESI	155		0	6	0		0		overhead
797	HEL	NE	NHAPRESI	406		0	15	0		0		overhead
797	HEL	NE	NHAPRESI	421		0	28	0		0		overhead
797	HEL	NE	NHAPRESI	422		0	56	0		0		overhead
797	HEL	NE	NHAPRESI	423		0	11	0		0		overhead
805	HEL	NE	NHAPRESI	150	Mge BU/Labor Agreements	210	70	0		0		
805	HEL	NE	NHAPRESI	155		-4	0	0		0		overhead
805	HEL	NE	NHAPRESI	406		4	2	0		0		overhead
805	HEL	NE	NHAPRESI	421		12	4	0		0		overhead
805	HEL	NE	NHAPRESI	422		14	8	0		0		overhead
805	HEL	NE	NHAPRESI	423		18	6	0		0		overhead
805	HEL	NE	NHAPRESI	521		246	0	0		0		
807	HEL	NE	NHAPRESI	150	Mge/Prov Employee Communications	2138	3923	6147	6147	0		
807	HEL	NE	NHNZZZZZ	150		195	0	0		0		
807	HEL	NE	NHAPRESI	155		1537	0	0		0		overhead
807	HEL	NE	NHNZZZZZ	155		139	0	0		0		overhead
807	HEL	NE	NHAPRESI	205		336	0	0		0		
807	HEL	NE	NHAPRESI	406		251	0	0		0		overhead
807	HEL	NE	NHNZZZZZ	406		17	0	0		0		overhead
807	HEL	NE	NHAPRESI	421		535	0	0		0		overhead
807	HEL	NE	NHNZZZZZ	421		49	0	0		0		overhead
807	HEL	NE	NHAPRESI	422		819	0	0		0		overhead
807	HEL	NE	NHNZZZZZ	422		55	0	0		0		overhead
807	HEL	NE	NHAPRESI	423		327	0	0		0		overhead
807	HEL	NE	NHNZZZZZ	423		30	0	0		0		overhead
807	HEL	NE	NHAPRESI	501		496	170	0		0		
807	HEL	NE	NHAPRESI	550	Interco - Corporate Communications	7864	7974	8609	8060	-549	8191	
835	HEL	NE	NHAPRESI	150	Prep/file internal financial rpts	416	785	1229	1229	0	0	consolidated with activity 700
835	HEL	NE	NHAPRESI	155		310	0	0		0		overhead
835	HEL	NE	NHAPRESI	406		41	0	0		0		overhead
835	HEL	NE	NHAPRESI	421		103	0	0		0		overhead
835	HEL	NE	NHAPRESI	422		134	0	0		0		overhead
835	HEL	NE	NHAPRESI	423		65	0	0		0		overhead

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										0		
842	HEL	NE	NHAPRESI	150	Order supplies/equip/matls/svcs	56	0	0		0		
842	HEL	NE	NHAPRESI	155		40	0	0		0		overhead
842	HEL	NE	NHAPRESI	205	ProCard Purchases	0	2133	3200	3200	0	0	reallocated costs to 522 and 201
842	HEL	NE	NHAPRESI	406		7	0	0		0		overhead
842	HEL	NE	NHAPRESI	421		14	0	0		0		overhead
842	HEL	NE	NHAPRESI	422		27	0	0		0		overhead
842	HEL	NE	NHAPRESI	423		9	0	0		0		overhead
843	HEL	NE	NHAPRESI	150	Process Invoice/Othr Payments	49	262	410	0	-410	0	consolidated with act 700
843	HEL	NE	NHAPRESI	155		34	0	0		0		overhead
843	HEL	NE	NHAPRESI	406		6	0	0		0		overhead
843	HEL	NE	NHAPRESI	421		12	0	0		0		overhead
843	HEL	NE	NHAPRESI	422		18	0	0		0		overhead
843	HEL	NE	NHAPRESI	423		7	0	0		0		overhead
844	HEL	NE	NHAPRESI	550	Interco - Legal (Contracts)	1924	1003	834	558	-276	579	
950	HEL	NE	NHAPRESI	150	Pres Labor	843	3180	3073	3073	0		
950	HEL	NE	NHAPRESI	155		38	45	0		0		overhead
950	HEL	NE	NHAPRESI	406		30	36	0		0		overhead
950	HEL	NE	NHAPRESI	421		48	69	0		0		overhead
950	HEL	NE	NHAPRESI	422		54	84	0		0		overhead
950	HEL	NE	NHAPRESI	423		78	110	0		0		overhead
950	HEL	NS	NHAPRESI	501	Legal Settlements - Liability	129377	227667	250000	400000	150000	400000	Per WL
950	HEL	NS	NHAPRESI	502	Legal Svcs - Liability	95337	49231	100000	100000	0	100000	Est based on 2004 actual
950	HEL	NE	NHAPRESI	502	Legal Svcs - General	0	3333	5000	5000	0	5000	
950	HEL	NE	NHAPRESI	521		215	0	0		0		
950	HEL	NE	NHAPRESI	550	Interco - Legal (General & Litigation)	4832	5151	5139	5026	-113	5214	
953	HEL	NE	NHNZZZZZ	150		5529	0	0	0	0	0	W/C labor
953	HEL	NE	NHAPRESI	150		1731	13077	20489	20489	0	0	W/C labor
953	HEL	NE	NHNZZZZZ	155		4113	0	0	0	0	0	overhead
953	HEL	NE	NHAPRESI	155		1217	0	0	0	0	0	overhead
953	HEL	NE	NHNZZZZZ	406		486	0	0	0	0	0	overhead
953	HEL	NE	NHAPRESI	406		335	0	0	0	0	0	overhead
953	HEL	NE	NHNZZZZZ	421		1381	0	0	0	0	0	overhead
953	HEL	NE	NHAPRESI	421		432	0	0	0	0	0	overhead
953	HEL	NE	NHNZZZZZ	422		1688	0	0	0	0	0	overhead
953	HEL	NE	NHAPRESI	422		948	0	0	0	0	0	overhead
953	HEL	NE	NHNZZZZZ	423		856	0	0	0	0	0	overhead
953	HEL	NE	NHAPRESI	423		261	0	0	0	0	0	overhead
960	HEL	NE	NHAPRESI	501		0	-6	0	0	0	0	outside services - general
960	HEL	NE	NHAPRESI	550	Interco - Legal (Document Processing)	19118	812	0	0	0	0	No estimates for 2006-2007
965	HEL	NE	NHAPRESI	150	Records Mgmt (Exec Sec Labor)	0	262	410	410	0		Labor
965	HEL	NE	NHAPRESI	501	Records Archiving	3415	417	500	5000	4500	500	backlog microfilming (06); maintain microfilming (07); ~$150/box, ~30 backlog boxes
965	HEL	NE	NHAPRESI	550	Interco - Office Services	0	2320	3795	4454	659	4454	
_	_	_	_	406		0	6456	23437	23437	0		overhead
_	_	_	_	421		0	12363	20742	20742	0		overhead

HELCO PRESIDENT'S OFFICE
Operating Budget 2006-2007

UPDATED: 6/2/05

Act	Loc	Ind	Proj	EE	Line Item	FY04 Actual	FY05 Update	FY06 Budget	FY06 Revised	Diff	FY07	Comments
_	_	_	_	422		0	24300	31021	31021	0		overhead
_	_	_	_	423		0	13195	18947	18947	0		overhead
						1365786	**1476002**	**1804512**	**1949797**	**145285**	**1619709**	

INTERCOMPANY SERVICE FORM

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [x] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/15/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: **HELCO**
Department/Division: **President's Office**
Contact Person's Name: **Warren Lee / Kristen Okinaka**
Contact Person's Phone No & Mail Stop: **969-0124 / H9P**
Contact Person's RA: **H9P**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
H9P	122	HEL	NE	NHAPRESI	

Request Approved by: _____

SCOPE OF SERVICE OR WORK (See Instructions):

Provide services and support relating to purchase power agreement negotiations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
122 - Manage Fuel & Purchase Power

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description

2) Provider Information:

Company Name: **HECO**
Department/Division: **Power Supply Services Dept/Generation Planning**
Contact Person's Name: **Ross Sakuda / May Paco**
Contact Person's Phone No & Mail Stop: **(808)543-4450 WA3-YB / (808)543-4274 WP3-IA**
Contact Person's RA: **PYB / PIA**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
PYB	122	HEL	BE	NPYZZZZZ	

Approved By: _____

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - **Please attach details**):

	TOTAL YEAR 2006	TOTAL YEAR 2007	TOTAL YEAR 2008	TOTAL YEAR 2009	TOTAL YEAR 2010
Total Estimated Costs (labor, nonlabor, and on-cost)	**$5,616**	**$5,616**			

3) Receiver Information (To be completed after estimates are received):
Date received: 3/22/05
Estimate Accepted and Approved by: Ross Sakuda

Warren H.W. Lee

HELCO
Intercompany Billing 2006 & 2007
HECO: Generation Planning Division
Purchase Power Support

Non-Labor

Description	Code Block	Total
Interisland Travel	PYB 122 HEL BE NPYZZZZZ	$200
	TOTAL NON-LABOR	$200

Labor

Labor Class	Labor Hours	Stnd Lbr Rate	Code Block	Total
Y_GENPLN	100	$36.76	PYB 122 HEL BE NPYZZZZZ	$3,676
			TOTAL LABOR	$3,676
			TOTAL OVERHEAD	$1,740
			TOTAL NON-LABOR + LABOR + OVERHEAD	$5,616

Overhead:

Payroll Taxes	8.42%	$310
Employee Benefits	$7.88	$788
Non-Productive Wages	$3.85	$385
Corporate Administration	$2.57	$257
		$1,740

INTERCOMPANY SERVICE FORM

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [x] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/15/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: **HELCO**
Department/Division: **President's Office**
Contact Person's Name: **Warren Lee / Kristen Okinaka**
Contact Person's Phone No & Mail Stop: **969-0124 / H9P**
Contact Person's RA: **H9P**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
H9P	122	HEL	NE	NHAPRESI	

Request Approved by:

SCOPE OF SERVICE OR WORK (See Instructions):

Provide services and support relating to purchase power agreement negotiations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
122 - Manage Fuel & Purchase Power

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description

2) Provider Information:

Company Name: **HECO**
Department/Division: **Power Supply Services Dept/Transmission Planning Di**
Contact Person's Name: **Colton Ching / May Paco**
Contact Person's Phone No & Mail Stop: **543-7986 WA2-YT / 543-4274 WP3-IA**
Contact Person's RA: **PYT / PIA**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
PYT	122	HEL	BE	NPYZZZZZ	

Approved By:

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - **Please attach details**):

	TOTAL YEAR 2006	TOTAL YEAR 2007	TOTAL YEAR 2008	TOTAL YEAR 2009	TOTAL YEAR 2010
Total Estimated Costs (labor, nonlabor, and on-cost)	**$49,755**	**$49,755**			

3) Receiver Information (To be completed after estimates are received):
Date received:
Estimate Accepted and Approved by:

HELCO
Intercompany Billing 2006 & 2007
HECO: Transmission Planning Division
Purchase Power Support

Non-Labor

Description	Code Block	Total
Interisland Travel	PYT 122 HEL BE NPYZZZZZ	$500
	TOTAL NON-LABOR	$500

Labor

Labor Class	Labor Hours	Stnd Lbr Rate	Code Block	Total
Y_TRNPLN	600	$35.89	PYT 122 HEL BE NPYZZZZZ	$21,534
			TOTAL LABOR	$21,534
			TOTAL OVERHEAD	$27,721
			TOTAL NON-LABOR + LABOR + OVERHEAD	$49,755

Overhead:

Payroll Taxes	8.42%	$1,813
Employee Benefits	$7.88	$4,728
Non-Productive Wages	$3.85	$2,310
Corporate Administration	$2.57	$1,542
Energy Delivery	$28.88	$17,328
		$27,721

B

INTERCOMPANY SERVICE FORM

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [ ] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/15/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: **HECO**
Department/Division: **President's Office**
Contact Person's Name: **Warren Lee / Kristen Okinaka**
Contact Person's Phone No & Mail Stop: **969-0124 / H9P**
Contact Person's RA: **H9P**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
H9P	122	HEL	NE	NHAPRESI	

Request Approved by:

SCOPE OF SERVICE OR WORK (See Instructions):

Provide services and support relating to purchase power agreement negotiations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
122 - Manage Fuel & Purchase Power

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description

2) Provider Information:

Company Name: **HECO**
Department/Division: **Legal Department**
Contact Person's Name: **Susan Li / Lorrie Iwanaga**
Contact Person's Phone No & Mail Stop: **543-4710 / CP13-NC**
Contact Person's RA: **NC**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
PNC	122	HEL	BE	NPNCZZZZ	AD001072, AD000538, AD000720, AD000481, AD000772

Approved By: Lorrie Iwanaga Lorrie Iwanaga

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - **Please attach details**):

	TOTAL YEAR 2006	TOTAL YEAR 2007	TOTAL YEAR 2008	TOTAL YEAR 2009	TOTAL YEAR 2010
Total Estimated Costs (labor, nonlabor, and on-cost)	**$558 (12hrs)**	**$579 (12hrs)**	**AD001072**		
	$20,105 (432hrs)	**$20,857 (432hrs)**	**AD000538/AD000720/AD000481/AD00**		

3) Receiver Information (To be completed after estimates are received):
Date received:
Estimate Accepted and Approved by:

INTERCOMPANY SERVICE FORM

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [ ] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/15/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: HECO
Department/Division: President's Office
Contact Person's Name: Warren Lee / Kristen Okinaka
Contact Person's Phone No & Mail Stop: 969-0124 / H9P
Contact Person's RA: H9P

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
H9P	122	HEL	NE	NHAPRESI	

Request Approved by: _____

SCOPE OF SERVICE OR WORK (See Instructions):

Provide services and support relating to purchase power agreement negotiations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
122 - Manage Fuel & Purchase Power

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description

2) Provider Information:

Company Name: HECO
Department/Division: Mgmt Accounting & Financial Svcs / Financial An
Contact Person's Name: Gayle Ohashi
Contact Person's Phone No & Mail Stop: 543-7740 / KS3-KF
Contact Person's RA: KF

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
PKF	122	HEL	BE	NPKZZZZZ	

Approved By: GOhashi

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - **Please attach details**):

	TOTAL YEAR 2006	TOTAL YEAR 2007	TOTAL YEAR 2008	TOTAL YEAR 2009	TOTAL YEAR 2010
Total Estimated Costs (labor, nonlabor, and on-cost)	$7,100	$7,300	$7,500	$7,700	$7,900

Estimates based on 120/hrs per year.

3) Receiver Information (To be completed after estimates are received):
Date received:
Estimate Accepted and Approved by: _____

To calculate ICB estimate for HELCO (As of 3/15/05)
For services to W. Lee relating to Purchase Power Agreement negotiations.

Assumptions: Input numbers in BLUE

	2006	2007	2008	2009	2010
Standard Labor Rate for Director ($/hr) (Per Updated Pillar files as of 3/15/05)	41.31	42.85	44.47	46.12	47.83
Productive Labor Hours [1]	120	120	120	120	120
Vacation (Hrs)	0	0	0	0	0
Holiday (Hrs)	0	0	0	0	0
Sick Leave (Hrs)	0	0	0	0	0
Total Available Hrs (incld holiday)	120	120	120	120	120
Payroll Taxes (% x Prod Labor $'s)	8.42%	8.42%	8.42%	8.42%	8.42%
Employee Benefits ($/prod labor hr)	7.88	7.88	7.88	7.88	7.88
Non-Productive Wages ($/prod labor hr)	3.85	3.85	3.85	3.85	3.85
Corporate Admin ($/labor hour) (Per current 2005 on-cost rates)	2.58	2.58	2.58	2.58	2.58

Calculation:

Total Productive Labor $	4,957	5,142	5,336	5,534	5,740
Payroll Taxes	417	433	449	466	483
Employee Benefits costs	946	946	946	946	946
Non-Productive costs	462	462	462	462	462
Corporate Admin costs	310	310	310	310	310
Total Cost Billed to HELCO	$ 7,092	$ 7,292	$ 7,503	$ 7,718	$ 7,940
	$7100	7300	$7500	7700	7900

[1] Budget of 120 hrs per year per W. Lee on 3/17/05.

INTERCOMPANY SERVICE FORM

Check one:
- [x] Recurring
- [ ] Non-Recurring

Period of Service Requested (check one):
- [x] 2 years (non-project/non-program)
- [ ] 5 years (project/program)

Date of Request: 3/15/2005

1) Receiver Information:

Subsidiary (or Other HEI Affiliate) Company Name: **HELCO**
Department/Division: **President's Office**
Contact Person's Name: **Warren Lee / Kristen Okinaka**
Contact Person's Phone No & Mail Stop: **969-0124 / H9P**
Contact Person's RA: **H9P**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
H9P	122	HEL	NE	NHAPRESI	

Request Approved by: _____

SCOPE OF SERVICE OR WORK (See Instructions):

Provide services and support relating to purchase power agreement negotiations.

MAJOR PROCESS THAT THIS SERVICE SUPPORTS:
122 - Manage Fuel & Purchase Power (Evaluate & Negotiate New Purchase Power Contracts)

LINE ITEM: (to be used by Provider in Pillar)

Receiver RA	Request No.	Short Description

2) Provider Information:

Company Name: **HECO**
Department/Division: **Power Supply Services Dept/Power Purchase Div.**
Contact Person's Name: **Dan Ching / May Paco**
Contact Person's Phone No & Mail Stop: **543-4340 WP1-IC / 543-4274 WP3-IA**
Contact Person's RA: **PIC / PIA**

Codeblock:

RA	Act	Loc	Ind	Proj	Subproj/work order (if any)
PIC	122	HEL	BE	NPIZZZZZ	

Approved By: Daniel Ching

ESTIMATES (To Be Provided By PROVIDER)(See Instructions - **Please attach details**):

	TOTAL YEAR 2006	TOTAL YEAR 2007	TOTAL YEAR 2008	TOTAL YEAR 2009	TOTAL YEAR 2010
Total Estimated Costs (labor, nonlabor, and on-cost)	**$53,761**	**$53,761**			

3) Receiver Information (To be completed after estimates are received):
Date received:
Estimate Accepted and Approved by: Warren Lee

HELCO
Intercompany Billing 2006 & 2007
HECO: Power Purchase Division
Purchase Power Contract Services

Non-Labor

Description	Code Block	Total
Interisle Travel	PIC 122 HEL BE NPIZZZZZ	$600
Meals & Entertainment	PIC 122 HEL BE NPIZZZZZ	$200
	TOTAL NON-LABOR	$800

Labor

Labor Class	Labor Hours	Stnd Lbr Rate	Code Block	Total
FS_1	170	$47.36	PIC 122 HEL BE NPIZZZZZ	$8,051
TC_I	750	$34.19	PIC 122 HEL BE NPIZZZZZ	$25,643
I_I	80	$24.56	PIC 122 HEL BE NPIZZZZZ	$1,965
	1,000		TOTAL LABOR	$35,659
			TOTAL OVERHEAD	$17,302
			TOTAL NON-LABOR + LABOR + OVERHEAD	$53,761

Overhead:

Payroll Taxes	8.42%	$3,002
Employee Benefits	$7.88	$7,880
Non-Productive Wages	$3.85	$3,850
Corporate Administration	$2.57	$2,570
		$17,302

Vehicle Input Sheet - NonProject/NonProgram
2006

by: kklein 4/1/05

Dimension tab card								Rates tab card	Units tab card												
Line Item	RA	Act	Loc	Ind	Proj	EE	Veh Class	Rates Link To	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Vehicle Supply	number of vehicles								30	30	30	30	30	30	30	30	30	30	30	30	360
H-416,H421	HGA	245	RST	NS	NHGZZZZZ	301	L TRUCK	2	336	304	368	304	352	336	320	352	320	336	304	304	3,936
H408	HGA	375	AOC	NS	NHGZZZZZ	301	L TRUCK	1	168	152	184	152	176	168	160	176	160	168	152	152	1,968
H403	HGA	240	ANS	NS	NHGZZZZZ	301	SEDAN		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H400,H402,H410	HGA	376	HAH	NS	NHGZZZZZ	301	SEDAN	3	504	456	552	456	528	504	480	528	480	504	456	456	5,904
H441	HGC	274	C02	NS	NHGZZZZZ	301	SEDAN		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H415	HGH	248	RST	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H468	HGK	274	C02	NE	NHGZZZZZ	301	H TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H444	HGK	268	CNS	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H469	HGK	268	CNS	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H466	HGK	268	CNS	NE	NHGZZZZZ	301	M TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H405	HGX	274	C02	NS	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H418	HGM	271	RST	NE	NHGZZZZZ	301	M TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H428	HGM	271	RST	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H411	HGM	257	R06	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H413,H424	HGM	259	P01	NE	NHGZZZZZ	301	L TRUCK	2	336	304	368	304	352	336	320	352	320	336	304	304	3,936
H419	HGM	260	R05	NE	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H404	HGM	265	ANS	NS	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H414	HGM	850	HEL	NC	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H417,H425	HGM	274	P03	NE	NHGZZZZZ	301	L TRUCK	2	336	304	368	304	352	336	320	352	320	336	304	304	3,936
H426	HGM	850	HEL	NC	NHGZZZZZ	301	H TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H406	HGM	265	ANS	NS	NHGZZZZZ	301	SEDAN		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H401,H407	HGT	257	RST	NS	NHGZZZZZ	301	SEDAN	2	336	304	368	304	352	336	320	352	320	336	304	304	3,936
H420	HGT	875	RST	NS	NHGZZZZZ	301	L TRUCK		168	152	184	152	176	168	160	176	160	168	152	152	1,968
H409	HGT	877	RST	NS	NHGZZZZZ	301	SEDAN		168	152	184	152	176	168	160	176	160	168	152	152	1,968
							Total Vehicle Hours		5,040	4,560	5,520	4,560	5,280	5,040	4,800	5,280	4,800	5,040	4,560	4,560	59,040
							Total Available Hours (check)		5,040	4,560	5,520	4,560	5,280	5,040	4,800	5,280	4,800	5,040	4,560	4,560	59,040
Holidays - 1/2, 2/20, 4/14, 5/29, 6/12, 7/4, 8/18, 9/4, 10/09, 11/7, 11/10, 11/23 (1/2), 12/22 (1/2), 12/2									8	8	0	8	8	8	8	8	8	8	24	16	112
Available hours per employee									176	160	184	160	184	176	168	184	168	176	176	168	2080

MISC VEHICLES (10) FORECAST BY DOLLARS

$213 Misc - Monthly Cost: FY2006-2007 Fcst based on 2004 monthly avg ($2,545.01/12=rounded $212.08

MISC - T027	HGH	241	RST	NE	NHGZZZZZ	301	NO ESC ($$)	1	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$2,556
MISC - FL40	HGH	248	RST	NE	NHGZZZZZ	301	NO ESC ($$)	1	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$2,556
MISC - FL42, FL43	HGH	257	RST	NE	NHGZZZZZ	301	NO ESC ($$)	2	$426	$426	$426	$426	$426	$426	$426	$426	$426	$426	$426	$426	$5,112
MISC - FL46, FL47, FL30	HGK	277	CNS	NE	NHGZZZZZ	301	NO ESC ($$)	3	$639	$639	$639	$639	$639	$639	$639	$639	$639	$639	$639	$639	$7,668
MISC - T042	HGM	850	HEL	NC	NHGZZZZZ	301	NO ESC ($$)	1	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$2,556
									$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$1,704	$20,448
																					79,488

Production Department Vehicles

HGA	HGH	HGC	HGK	HGX	HGM	HGT	Total	Veh. Class
			1		1		2	**Heavy Truck**
			1		1		2	**Med Truck**
3	1		2	1	9	1	17	**Light Truck**
4		1			1	3	9	**Sedan**
	4		3		1		8	***Misc***
7	**5**	**1**	**7**	**1**	**13**	**4**	**38**	**Total**

Forecast	**YR 2006**	**YR 2007**
Available hours	2,080	2,080
Holiday hours (excluded)	-112	-104
Vehicle hours to be costed	1,968	1,976
Total # vehicles	30	30
Total vehicle hours	59,040	59,280
Total #Misc Vehicles	8	8
# Months	12	12
**Cost / Month / Vehicle	$213	$213
Total Misc Vehicle Costs	$20,448	$20,448

Misc - Monthly Cost: FY2006-2007 Fcst based on 2004 monthly avg ($2,545.01/12=rounded $212.08

from Kelvin Kohatsu

HELCO Production Vehicle Listing
Effective March 1, 2005

	New No.	Class	Type	Year	Make	Model	CodeBl	Assignment	
1	H-400	SEDAN	Sdn	2004	Ford	Taurus	HGA 376 HAH NS NHGZZZZZ	N. Verbanic	1
2	H-402	SEDAN	Sdn	2003	Nissan	Altima SE	HGA 376 HAH NS NHGZZZZZ	D. Giovanni	2
3	H-403	SEDAN	Sdn	1999	Chev	Malibu	HGA 240 ANS NS NHGZZZZZ	L. Danglemeier	3
4	H-408	L TRK	4x4	1995	Chev	S-10 PU	HGA 375 AOC NS NHGZZZZZ	M. Bradley	4
5	H-410	SEDAN	Sdn	2004	Nissan	Sentra	HGA 376 HAH NS NHGZZZZZ	C. Yamamoto	5
6	H-416	L TRK	4x2	1995	Chev	S-10 PU	HGA 245 RST NS NHGZZZZZ	Opns-Shift Supv.	6
7	H-421	L TRK	4x4	2001	Isuzu	Rodeo	HGA 245 RST NS NHGZZZZZ	Opns-Shift Supv.	7
8	H-415	L TRK	4x2	1992	Ford	3/4T-PU	HGH 248 RST NE NHGZZZZZ	Opns-W. Water	1
9	H-441	SEDAN	Sdn	1995	Chevy	Corsica	HGC 274 C02 NS NHGZZZZZ	Bill Pikini - Keahole	1
10	H-444	L TRK	4x4	1996	Chev	S-10 PU	HGK 268 CNS NE NHGZZZZZ	Keahole-Contractor	2
11	H-466	M TRK	4x2 Liftgate	1995	Chev	1T FB Stake	HGK 268 CNS NE NHGZZZZZ	Keahole-Mech.	3
12	H-468	H TRK	36' Utility	1976	Ford	FB w/Boom	HGK 274 C02 NE NHGZZZZZ	Keahole-Shop	4
13	H-469	L TRK	4x2	1993	Dodg	3/4T PU	HGK 268 CNS NE NHGZZZZZ	Keahole-Elec.	5
14	H-404	L TRK	4x2	2000	Chev	1/2T PU	HGM 265 ANS NS NHGZZZZZ	A. Ho	1
15	H-406	SEDAN	Sdn	2001	Chev	Malibu	HGM 265 ANS NS NHGZZZZZ	E. Lacro	2
16	H-411	L TRK	4x2 Liftgate	1995	Chev	1TCC PU	HGM 257 R06 NE NHGZZZZZ	Mech.Shop- WF	3
17	H-413	L TRK	4x2 Liftgate	1996	Chev	1TCC PU	HGM 259 P01 NE NHGZZZZZ	Mech.Shop- WF	4
18	H-414	L TRK	4x2	1993	Ford	3/4T-PU	HGM 850 HEL NC NHGZZZZZ	Storekeeper	5
19	H-417	L TRK	Cargo	2005	Ford	1T Van	HGM 274 P03 NE NHGZZZZZ	Elec.Shop-WF	6
20	H-418	M TRK	12' Stake	2005	Ford	1T-FB	HGM 271 RST NE NHGZZZZZ	Mech.Shop	7
21	H-419	L TRK	Freestar	2004	Ford	1/2T Van	HGM 260 R05 NE NHGZZZZZ	Auto.Contr-WF	8
22	H-424	L TRK	4x2 Liftgate	2005	Ford	1TCC PU	HGM 259 P01 NE NHGZZZZZ	Mech.Shop- WF	9
23	H-425	L TRK	4x2	1996	Chev	1T Van	HGM 274 P03 NE NHGZZZZZ	Elec.Shop-WF	10
24	H-426	H TRK	4x2	2005	Ford	1TCC PU	HGM 850 HEL NC NHGZZZZZ	Prod-Hilo	11
25	H-428	L TRK	4x2	2003	Ford	3/4T PU	HGM 271 RST NE NHGZZZZZ	Mech.Shop	12
26	H-401	SEDAN	Sdn	2003	Nissan	Sentra	HGT 257 RST NS NHGZZZZZ	D. Matsumura	1
27	H-407	SEDAN	Sdn	2004	Nissan	Sentra	HGT 257 RST NS NHGZZZZZ	N. Uchida	2
28	H-409	SEDAN	Sdn	2004	Nissan	Sentra	HGT 877 RST NS NHGZZZZZ	D. Heinzen	3
29	H-420	L TRK	4x2	1996	Chev	S-10 PU	HGT 875 RST NS NHGZZZZZ	D. Borges	4
30	H-405	L TRK	4x4	2003	Ford	Ranger PU	HGX 274 C02 NS NHGZZZZZ	K. Yoneda	1

1	HL-T027	MISC	MISC	1956	Fruehauf		HGH241RSTNENHGZZZZZ301	LO-1 Operations
2	HL-FL40	MISC	MISC	1990	Yale yard lift		HGH248RSTNENHGZZZZZ301	Hilo Wastewater
3	HL-FL42	MISC	MISC	1982	Hyster yard lift		HGH257RSTNENHGZZZZZ301	Hilo Production Maint.
4	HL-FL43	MISC	MISC	1968	Baker yard lift		HGH257RSTNENHGZZZZZ301	Puna Prod. Maint.
5	HL-FL46	MISC	MISC		Hyster		HGK277CNSNENHGZZZZZ301	Keahole
6	HL-FL47	MISC	MISC	1991	Komatsu		HGK277CNSNENHGZZZZZ301	Keahole Keahole FL inherited from Kona T&D
7	HL-FL30	MISC	MISC	1978	Massey Ferguson		HGK277CNSNENHGZZZZZ301	Keahole
8	HL-T042	MISC	MISC	500 gl	Wasteoil Homemade		HGM850HELNCNHGZZZZZ301	Maint Shop

HELCO Recorded Vehicle Cost – COMPANY TOTAL BY VEHICLE TYPE

	H TRK			M TRK			L TRK			SEDAN			MISC		
	Cost	Hours	$/Hr	Cost	Hours	$/Hr	Cost	Hours	$/Hr	Cost	Hours	$/Hr	Cost	Hours	$/Hr
Jan-03	$8,029.79	4,576	$1.75	$3,730.64	2,288	$1.63	$32,595.42	19,184	$1.70	$3,074.86	4,576	0.67	$2,862.07	9,504	$0.30
Feb-03	$25,006.35	4,256	$5.88	$5,844.40	1,672	$3.50	$44,531.44	16,568	$2.69	$5,914.59	3,952	$1.50	$1,194.55	8,208	$0.15
Mar-03	$33,397.52	4,480	$7.45	$25,224.08	1,760	$14.33	$135,846.31	17,440	$7.79	$22,821.20	4,160	$5.49	$3,104.08	8,640	$0.36
Apr-03	$24,957.54	4,928	$5.06	$9,644.52	1,936	$4.98	$97,387.74	19,360	$5.03	$10,891.19	4,224	$2.58	$2,342.07	9,504	$0.25
May-03	$11,959.83	4,704	$2.54	$5,288.08	1,848	$2.86	$50,179.96	18,480	$2.72	$5,704.63	4,032	$1.41	$1,208.68	9,072	$0.13
Jun-03	$60,750.76	4,480	$13.56	$12,871.44	1,760	$7.31	$110,954.15	17,600	$6.30	$8,884.38	3,840	$2.31	$2,519.98	8,640	$0.29
Jul-03	$33,995.37	4,928	$6.90	$10,076.98	1,936	$5.21	$81,279.47	19,360	$4.20	$15,776.30	4,400	$3.59	$1,631.82	9,504	$0.17
Aug-03	$33,052.33	4,480	$7.38	$9,363.82	1,600	$5.85	$85,943.33	17,760	$4.84	$12,108.60	4,000	$3.03	$2,733.29	8,640	$0.32
Sep-03	$27,264.57	4,704	$5.80	$8,297.53	1,680	$4.94	$70,688.40	18,648	$3.79	$13,023.00	4,200	$3.10	$2,202.47	9,072	$0.24
Oct-03	$18,990.30	4,928	$3.85	$9,251.49	1,760	$5.26	$78,126.50	19,536	$4.00	$9,403.20	4,400	$2.14	$1,405.66	9,504	$0.15
Nov-03	$37,390.86	4,032	$9.27	$20,425.30	1,440	$14.18	$116,179.28	15,984	$7.27	$12,121.65	3,456	$3.51	$3,883.60	7,776	$0.50
Dec-03	$18,997.18	4,480	$4.24	$9,671.25	1,600	$6.04	$95,403.46	17,760	$5.37	$9,029.26	4,000	$2.26	$2,233.94	8,640	$0.26
													$2,276.85		
Jan-04	$17,777.48	4,704	$3.78	$8,833.60	1,680	$5.26	$63,142.28	18,648	$3.39	$12,138.63	4,368	$2.78	$1,803.49	9,072	$0.20
Feb-04	$20,625.84	4,256	$4.85	$10,712.74	1,520	$7.05	$74,112.69	17,024	$4.35	$11,898.67	3,952	$3.01	$1,506.66	8,208	$0.18
Mar-04	$33,811.91	5,152	$6.56	$12,256.97	1,840	$6.66	$82,984.54	20,608	$4.03	$7,860.01	4,784	$1.64	$3,375.64	9,936	$0.34
Apr-04	$19,015.91	4,704	$4.04	$10,657.18	1,680	$6.34	$73,726.54	18,816	$3.92	$8,704.07	4,368	$1.99	$2,441.67	9,072	$0.27
May-04	$19,095.17	4,480	$4.26	$10,711.25	1,600	$6.69	$66,978.25	17,920	$3.74	$7,763.95	4,160	$1.87	$1,611.70	8,640	$0.19
Jun-04	$17,383.62	4,704	$3.70	$11,507.26	1,680	$6.85	$94,203.51	18,648	$5.05	$7,880.31	4,368	$1.80	$1,661.88	9,072	$0.18
Jul-04	$31,678.05	4,704	$6.73	$13,283.88	1,680	$7.91	$90,331.27	19,320	$4.68	$8,712.84	4,368	$1.99	$1,645.25	9,072	$0.18
Aug-04	$26,663.64	4,704	$5.67	$21,814.34	1,848	$11.80	$106,163.41	19,152	$5.54	$11,793.51	4,368	$2.70	$3,178.16	9,072	$0.35
Sep-04	$13,154.25	4,704	$2.80	$8,119.06	1,680	$4.83	$68,534.15	19,152	$3.58	$6,269.61	4,536	$1.38	$1,466.09	9,072	$0.16
Oct-04	$32,161.42	4,480	$7.18	$21,084.70	1,600	$13.18	$104,649.49	18,560	$5.64	$15,988.80	4,320	$3.70	$5,753.91	8,640	$0.67
Nov-04	$34,855.49	4,256	$8.19	$16,021.88	1,520	$10.54	$94,623.52	18,696	$5.06	$8,232.97	4,104	$2.01	$2,346.06	8,208	$0.29
Dec-04	$36,449.52	4,480	$8.14	$15,251.31	1,600	$9.53	$109,051.90	20,320	$5.37	$11,035.26	4,320	$2.55	$3,749.60	8,640	$0.43
Ave													$2,545.01		

HELCO CHP Budget
rev: 033005 dsc/sb

Marriott

Capital Cost	O&M Costs	$/yr	$/month	Escalation/yr	Escalation/mnth	Multiplier/mnth
$925,000	O&M NPV	$93,818	$7,818	3%	0.25%	1.0025
	Fuel NPV	$504,051	$42,004	3%	0.25%	1.0025

Project Dates	Project Months	HECO Mhrs	HECO Costs	9.3% $86,025 Outside Engineering	100% Allocation %	49.8% $460,850 Outside Material	100% Allocation %	38.1% $352,425 Outside Construction	100% Allocation %	Total Capital Project Costs	Maintainance Costs	Fuel Costs
February-05												
March-05												
April-05												
May-05												
June-05	1	40	$2,000	$1,721	2%					$3,721		
July-05	2	40	$2,000	$1,721	2%					$3,721		
August-05	3	40	$2,000	$1,721	2%					$3,721		
September-05	4	40	$2,000	$1,721	2%					$3,721		
October-05	5	40	$2,000	$1,721	2%					$3,721		
November-05	6	40	$2,000	$1,721	2%					$3,721		
December-05	7	40	$2,000	$1,721	2%					$3,721		
January-06	8	40	$2,000	$1,721	2%					$3,721		
February-06	9	40	$2,000	$1,721	2%					$3,721		
March-06	10	40	$2,000	$17,205	20%					$19,205		
April-06	11	40	$2,000	$17,205	20%	$41,459	9%			$60,664		
May-06	12	60	$3,000	$17,205	20%	$138,195	30%	$35,243	10%	$193,643		
June-06	13	120	$6,000	$5,162	6%	$138,195	30%	$105,728	30%	$255,084		
July-06	14	120	$6,000	$5,162	6%	$138,195	30%	$105,728	30%	$255,084		
August-06	15	120	$6,000	$5,162	6%	$4,607	1%	$88,106	25%	$103,874		
September-06	16	40	$2,000	$3,441	4%			$17,621	5%	$23,062		
October-06											$8,209	$44,104
November-06											$8,230	$44,215
December-06											$8,250	$44,325
								total O&M 2006			$24,689	$132,644
								grand total O&M 2006				$157,333

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CA-IR-2
DOCKET NO. 05-0315
HELCO T-5
ATTACHMENT 2K
PAGE 1 OF 1

CA-IR-1

General Information Requests

For each of the HELCO witnesses who sponsor test period budgeted labor direct expense amounts, please provide the following information:

a. Identify each employee involved in preparation of budgeted staffing and associated labor direct expense amounts included in the witnesses' portion of the rate case test period budget.

b. Provide complete copies of all calculations, spreadsheet files, "pencil" workpapers, surveys and other analyses performed by each of the employees identified in response to part (a), documenting all work done to determine required staffing levels and overtime hours by Department, RA, Activity and NARUC Account.

c. Describe the actual force level that existed at the date the budget was prepared or otherwise served as a base for purposes of preparing the budget level.

d. For each budgeted employee position that is added to existing actual force levels (as the date the budget was prepared), **explain** the analyses undertaken to determine that each added position was necessary should be filled in order to meet present or anticipated work requirements. Also, please explain how the anticipated work requirements were defined and determined.

e. Describe and, to the extent possible, quantify the backlog of work, unfinished projects, deferred maintenance and other labor requirements unfulfilled at present staffing levels, that will be satisfied by adding the employee positions identified in your response to part (d).

f. Provide complete copies of all studies, analyses, workpapers, projections, notes, correspondence, assumptions and other documents associated with your responses to parts (d) and (e) above.

HELCO Response:

a. For HELCO T-6, Jay Ignacio, Julie Payne, Robert Kaneshiro, Miles Nagato, Dave Block and Kevin Waltjen were involved in preparation of budgeted staffing.

b. The requested information is attached.

c. The actual workforce level as of December 31, 2005 is provided in HELCO-611 as 109 employees. The forecasted workforce level in 2006 is 123 employees as shown in HELCO-611. A summary of the differences by RA is shown below:

	2005	2006	Difference
HDA (Adm)	5	4	(1)
HDC (Technical)	23	25	2
HDH (Hilo C&M)	30	34	4
HDK (Kona C&M)	22	27	5
HDR (Operations)	9	9	0
HDS (Stores)	6	8	2
HDW (Waimea C&M)	14	16	2
Total	109	123	14

d. HELCO T-6, pages 68-70 describe the staffing increases in the 2006 test year forecast. The difference for each RA is explained as follows:

- For RA HDA, a Staff Engineer was hired which was later transferred to HDK in 2006, resulting in a reduction in HDA staffing from five to four. The Staff Engineer was assigned to HDA initially to orient to HELCO operations and coordinate with the other Staff Engineer that is based in Hilo. After a six-month orientation period, the Staff Engineer was transferred to the Kona district.
- For RA HDC, in 2005, a Clerk Steno retired and the position was not filled by year-end 2005. The Clerk Steno assisted the Technical division supervisors with clerical duties and record keeping. HELCO is in the process of redesigning the position to expand the scope of duties that will retain the clerical duties but added on material management duties to stock and manage Substation and Communication parts and supplies. This is essentially a backfill of a vacancy rather than an addition to staffing. In addition, a Helper position is added in 2006 to meet the substation maintenance program targets and reduce overtime. The Helper is anticipated to eventually be indentured into HELCO's Apprenticeship program and be trained as an Electrician. HELCO T-6 pages 40 to 45 describe HELCO's substation maintenance program. HELCO-613 shows the program

targets and the actual accomplished rates in 2004 and 2005. HELCO anticipates to meet all of the performance targets in 2006. HELCO-608 shows the anticipated reduction in overtime from 28% in 2005 to 7% in 2006.

- For RA HDH, a vacant Working Foreman position will be filled in 2006. Since year 2000, there has been either three or four Working Foremen positions filled in the Hilo Construction and Maintenance Division as shown in HELCO-611 page 4 of 8. At year end 2005, there were three Working Foreman positions and the fourth position will be filled in 2006. Filling of the vacancy is required to reduce overtime from 35% in 2005 to 28% in 2006, as shown in HELCO-608. In addition, a Lineman position vacancy will be filled in 2006. The anticipated number of linemen in 2006 is thirteen as opposed to twelve at year-end 2005. It should be noted that in 2000, there were a total of nineteen linemen in the Hilo Construction and Maintenance division. Filling of the vacancy is required to complete capital and O&M work and reduce overtime from 35% in 2005 to 28% in 2006, as shown in HELCO-608. Also, two Trouble Inspector positions will be added in 2006. The additional Trouble Inspectors will allow 24 hour, 7 day per week coverage. Expanding coverage will improve responsiveness to after-hours emergencies. The role of the Trouble Inspectors is described on pages 64-66 of HELCO T-6.
- For RA HDK, as described earlier a Staff Engineer was transferred from HDA to HDK. There was no net gain in the number of employees as a result of this transfer. In addition, an Administrative Assistant was added in 2006. The Administrative Assistant was necessary to process work orders, service orders and perform other clerical duties that were formerly performed by the Assistant Superintendents. This will enable

Assistant Superintendents to field check more projects and better monitor employees. The number of linemen positions was reduced from five to four in order to create the Administrative Assistant position. In addition, two Senior Helpers will be hired in 2006 to complete capital and O&M work. The Senior Helpers will eventually be indentured into the HELCO Apprenticeship program and trained to become Linemen. HELCO-608 shows an anticipated reduction in overtime from 35% in 2005 to 28% in 2006, partially due to the addition of these Helpers. Also, two Trouble Inspector positions will be added in 2006. The additional Trouble Inspectors will allow 24 hour, 7 day per week coverage. Expanding coverage will improve responsiveness to after-hours emergencies. The role of the Trouble Inspectors is described on pages 64-66 of HELCO T-6.

- For RA HDS, a Warehouse Toolroom Attendant will be added in 2006 at Keahole. Also, a Toolroom Attendant Repairer transferred to another department near the end of 2005. The position was filled in 2006. This is a replacement and not an addition.
- For RA HDW, two Linemen positions will be filled to complete capital and O&M work. HELCO-608 shows an anticipated reduction in overtime from 29% to 27% in 2006.

e. Responses to part e. were provided with the answers to part d. For Construction and Maintenance areas of responsibility the added staffing is intended to reduce overtime as shown on HELCO-608. In the substation area the additional staffing is intended to reduce the overtime labor as shown on HELCO-608 and to meet the substation maintenance targets as shown in HELCO-613.

f. Four Trouble Inspectors are forecasted to be added in 2006 to expand coverage from two shifts to three shift coverage. Attached is the Trouble Inspector analysis which shows the

nature of the trouble calls that occurred during the third shift. Note many of the incidents during the third shift are automobile accidents. The analysis also shows the number of trouble calls that occurred during the third shift. The analysis shows the incidents occurs approximately 20% of the time during the third shift.

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Transmission Operation

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Reference
560	H DA	735	HTO	150	3,149		3,149	T-6	CA-IR-1, Part b, HELCO T-6, Page 29
560	HDC	735	HTO	150	812		812	T-6	CA-IR-1, Part b, HELCO T-6, Page 38
560	HDK	328	HTO	150	4,765		4,765	T-6	CA-IR-1, Part b, HELCO T-6, Page 67
560	HDR	328	HTO	150	397		397	T-6	CA-IR-1, Part b, HELCO T-6, Page 80
560	HDW	328	HTO	150	8,339		8,339	T-6	CA-IR-1, Part b, HELCO T-6, Page 92
560	HGA	376	HAH	150	66,094		66,094	T-6	CA-IR-1, Part b, HELCO T-6, Page 238
560	HGA	376	HAK	150	5,054		5,054	T-6	CA-IR-1, Part b, HELCO T-6, Page 238
					88,610	-	88,610		
561	HGH	376	HAH	150	186,500	0	186,500	T-6	CA-IR-1, Part b, HELCO T-6, Page 238
562	HDC	330	HAH	150	14,914		14,914	T-6	CA-IR-1, Part b, HELCO T-6, Page 43, 147
562	HDC	333	HAH	150	9,142		9,142	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
562	HDH	327	HAH	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
562	HDH	333	HAH	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
					27,818	-	27,818		
563	HDH	328	HAH	150	20,062	-349	19,713	T-6	CA-IR-1, Part b, HELCO T-6, Page 56, 106, 210-217
563	HDH	331	HAH	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
563	HDK	328	HAK	150	12,528	2090	14,618	T-6	CA-IR-1, Part b, HELCO T-6, Page 71, 74, 106, 218-233
563	HDR	328	HAH	150	21,547		21,547	T-6	CA-IR-1, Part b, HELCO T-6, Page 82, 106
563	HDW	328	HAW	150	14,996		14,996	T-6	CA-IR-1, Part b, HELCO T-6, Page 96, 92, 99, 106
563	HDW	331	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
					71,641	1,741	73,382		
564	HDH	332	HAH	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
566	HDC	326	HAH	150	703		703	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
566	HDC	916	HAH	150	36,566		36,566	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
566	HDH	325	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
566	HDW	325	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
					38,941	-	38,941		
		Total Transmission Operation			413,928	1,741	415,669		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Transmission Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Reference
568	H DA	355	HTM	150	6,854		6,854	T-6	CA-IR-1, Part b, HELCO T-6, Page 29 and 31
568	H DA	735	HTM	150	3,149		3,149	T-6	CA-IR-1, Part b, HELCO T-6, Page 38
568	HDC	735	HTM	150	812		812	T-6	CA-IR-1, Part b, HELCO T-6, Page 67
					10,815	0	10,815		
569	HDC	351	HAH	150	1,758		1,758	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
569	HDC	353	HAH	150	1,172		1,172	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
569	HDH	351	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
					4,184	0	4,184		
570	HDC	348	HAH	150	105,480		105,480	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
570	HDC	350	HAH	150	35,160		35,160	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
570	HDC	362	HAH	150	4,952		4,952	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
570	HDC	366	HAH	150	703		703	T-6	CA-IR-1, Part b, HELCO T-6, Page 46
570	HDH	348	HAH	150	8,359		8,359	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
570	HDH	350	HAH	150	5,016		5,016	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
570	HDK	348	HAK	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
570	HDK	350	HAK	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 71
570	HDW	348	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
570	HDW	350	HAW	150	3,762		3,762	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
					166,776	0	166,776		
571	HDC	344	HAH	150	1,055		1,055	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
571	HDH	315	HAH	150	2,786		2,786	T-6	CA-IR-1, Part b, HELCO T-6, Page 55
571	HDH	341	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
571	HDH	342	HAH	150	11,703		11,703	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
571	HDH	344	HAH	150	5,433		5,433	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
571	HDH	355	HAH	150	5,433	-905	4,528	T-6	CA-IR-1, Part b, HELCO T-6, Page 56, 210-217
571	HDH	360	HAH	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
571	HDH	364	HAH	150	6,687		6,687	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
571	HDK	315	HAK	150	5,016		5,016	T-6	CA-IR-1, Part b, HELCO T-6, Page 71
571	HDK	342	HAK	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
571	HDK	344	HAK	150	5,016		5,016	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
571	HDK	355	HAK	150	2,508	1115	2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 70, 218-233
571	HDK	360	HAK	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
571	HDR	344	HAH	150	414		414	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
571	HDW	315	HAW	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
571	HDW	342	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
571	HDW	344	HAW	150	9,195		9,195	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
571	HDW	355	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
571	HDW	360	HAW	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
571	HDW	364	HAW	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
571	HWX	302	HAH	150	25,450		25,450	T-6	CA-IR-1, Part b, HELCO T-6, Page 239
					94,908	210	94,003		
			Subtotal		276,683	210	275,778		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Transmission Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjs	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
572	HDH	345	HAH	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
572	HDH	347	HAH	150	2,926		2,926	T-6	CA-IR-1, Part b, HELCO T-6, Page 56
					5,434	-	5,434		
573	HDC	354	HAH	150	24,260		24,260	T-6	CA-IR-1, Part b, HELCO T-6, Page 43
573	HDC	917	HAH	150	96,485		96,485	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
573	HDH	917	HAH	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 55
573	HDK	917	HAK	150	836		836	T-7	CA-IR-1, Part b, HELCO T-6, Page 73
573	HDW	917	HAW	150	418		418	T-8	CA-IR-1, Part b, HELCO T-6, Page 97
					122,417	-	122,417		
		Total Transmission Maintenance			404,534	210	403,629		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Operation

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Reference
580	H DA	735	HDO	150	3,149		3,149	T-6	CA-IR-1, Part b, HELCO T-6, Page 29
580	HDC	735	HDO	150	812		812	T-6	CA-IR-1, Part b, HELCO T-6, Page 38
580	HDK	458	HDO	150	7,942		7,942	T-6	CA-IR-1, Part b, HELCO T-6, Page 68, 71
580	HDK	767	HDO	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 71
580	HDR	877	HDO	150	4,005		4,005	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
580	HDW	458	HDO	150	7,942		7,942	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	720	HDO	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	721	HDO	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	722	HDO	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	750	HDO	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	753	HDO	150	1,665		1,665	T-6	CA-IR-1, Part b, HELCO T-6, Page 94, 99
580	HDW	767	HDO	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	785	HDO	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
580	HDW	932	HDO	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 97
580	HDW	933	HDO	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 97
					38,055	-	38,055		
582	HDC	460	HAH	150	15,822		15,822	T-6	CA-IR-1, Part b, HELCO T-6, Page 44, 147
582	HDC	463	HAH	150	21,096		21,096	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
582	HDH	463	HAH	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
582	HDK	460	HAH	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
582	HDK	463	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
582	HDW	463	HAH	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 95, 99
					42,352	-	42,352		
			Subtotal		80,407	-	80,407		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Operation

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjs	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
583	HDH	458	HAH	150	54,335	-2125	52,210	T-6	CA-IR-1, Part b, HELCO T-6, Page 57, 106, 210-217
583	HDH	461	HAH	150	17,136		17,136	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
583	HDK	458	HAK	150	27,142	4458	31,600	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 74, 106, 218-233
583	HDK	461	HAK	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
583	HDR	458	HAH	150	22,789		22,789	T-6	CA-IR-1, Part b, HELCO T-6, Page 82, 106
583	HDW	458	HAW	150	14,160		14,160	T-6	CA-IR-1, Part b, HELCO T-6, Page 96, 99, 106
583	HDW	461	HAW	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
					140,160	2,333	142,493		
584	HDH	459	HAH	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
584	HDH	462	HAH	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
584	HDH	464	HAH	150	2,099		2,099	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
584	HDK	459	HAK	150	11,619		11,619	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 74
584	HDK	462	HAK	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
584	HDK	464	HAK	150	5,001		5,001	T-6	CA-IR-1, Part b, HELCO T-6, Page 73, 74
584	HDR	459	HAH	150	9,772		9,772	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
584	HDR	464	HAH	150	4,558		4,558	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
584	HDW	459	HAW	150	12,788		12,788	T-6	CA-IR-1, Part b, HELCO T-6, Page 95, 99
584	HDW	462	HAW	150	5,016		5,016	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
584	HDW	464	HAW	150	3,744		3,744	T-6	CA-IR-1, Part b, HELCO T-6, Page 95, 99
					60,031	-	60,031		
586	HCK	601	HAK	150	862		862	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HCK	602	HAK	150	48,858		48,858	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HCK	603	HAK	150	17,244		17,244	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HCR	601	HAH	150	104,580		104,580	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HCW	602	HAW	150	25,866		25,866	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HCW	603	HAW	150	5,748		5,748	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
586	HDC	465	HAH	150	22,151		22,151	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
586	HDC	601	HAH	150	1,758		1,758	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
586	HDC	603	HAH	150	63,288		63,288	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
586	HDH	457	HAH	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
586	HDH	601	HAH	150	14,211		14,211	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
586	HDH	602	HAH	150	71,889	-4319	67,570	T-6	CA-IR-1, Part b, HELCO T-6, Page 58, 210-217
586	HDK	457	HAH	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
586	HDK	601	HAH	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 69
586	HDK	602	HAH	150	24,137	4423	28,560	T-6	CA-IR-1, Part b, HELCO T-6, Page 69, 218-233
586	HDW	457	HAW	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
586	HDW	601	HAW	150	4,180		4,180	T-6	CA-IR-1, Part b, HELCO T-6, Page 97
586	HDW	602	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 97
					416,058	104	416,162		
				Subtotal	616,249	2,437	618,686		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Operation

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
587	HCK	620	HAK	150	862		862	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
587	HCR	620	HAH	150	1,392		1,392	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
587	HCW	620	HAW	150	287		287	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
					2,541	-	2,541		
588	HDC	455	HAH	150	1,406		1,406	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
588	HDC	842	HDO	150	1,406		1,406	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
588	HDC	933	HDO	150	2,813		2,813	T-6	CA-IR-1, Part b, HELCO T-6, Page 45
588	HDH	455	HAH	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
588	HDH	456	HAH	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
588	HDH	600	HAH	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
588	HDH	842	HDO	150	16,718		16,718	T-6	CA-IR-1, Part b, HELCO T-6, Page 55
588	HDK	455	HAK	150	20,480		20,480	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
588	HDK	456	HAK	150	16,300		16,300	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
588	HDK	777	HDO	150	8,359	-8359	-	T-6	CA-IR-1, Part b, HELCO T-6, Page 71, 204
588	HDK	806	HDO	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 71
588	HDK	842	HDO	150	1,672	-1672	-	T-6	CA-IR-1, Part b, HELCO T-6, Page 71, 204
588	HDK	843	HDO	150	12,121	-12121	-	T-6	CA-IR-1, Part b, HELCO T-6, Page 71, 204
588	HDK	931	HDO	150	5,670		5,670	T-6	CA-IR-1, Part b, HELCO T-6, Page 73, 75
588	HDR	456	HAH	150	414		414	T-6	CA-IR-1, Part b, HELCO T-6, Page 67, 75
588	HDR	600	HAH	150	84,038		84,038	T-6	CA-IR-1, Part b, HELCO T-6, Page 78
588	HDW	455	HAW	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
588	HDW	456	HAW	150	6,269		6,269	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
588	HDW	777	HDO	150	4,180		4,180	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
588	HDW	788	HDO	150	4,180		4,180	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
588	HDW	842	HDO	150	8,777		8,777	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
588	HDW	843	HDO	150	18,808		18,808	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
588	HDW	844	HDO	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
588	HDW	931	HDO	150	2,922		2,922	T-6	CA-IR-1, Part b, HELCO T-6, Page 97, 99
588	HWC	408	HAH	150	66,571		66,571	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
588	HWK	408	HAK	150	5,861		5,861	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
588	HWS	408	HAH	150	20,010		20,010	T-6	CA-IR-1, Part b, HELCO T-6, Page 242
					320,679	(22,152)	298,527		
		Total Distribution Operation			1,019,876	(19,715)	1,000,161		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
590	H DA	494	HDM	150	14,052		14,052	T-6	CA-IR-1, Part b, HELCO T-6, Page 29
590	H DA	735	HDM	150	3,149		3,149	T-6	CA-IR-1, Part b, HELCO T-6, Page 29
590	HDC	735	HDM	150	812		812	T-6	CA-IR-1, Part b, HELCO T-6, Page 38
590	HDH	415	HDM	150	83		83	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
590	HDK	416	HDM	150	47		47	T-6	CA-IR-1, Part b, HELCO T-6, Page 68, 70
590	HDW	931	HDM	150	329		329	T-6	CA-IR-1, Part b, HELCO T-6, Page 97
590	HGA	354	HAH	150	14,295		14,295	T-6	CA-IR-1, Part b, HELCO T-6, Page 238
590	HGA	354	HAK	150	7,120		7,120	T-6	CA-IR-1, Part b, HELCO T-6, Page 238
					39,887	-	39,887		
591	HDC	490	HAH	150	1,055		1,055	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
591	HDH	488	HAH	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
591	HDH	490	HAH	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
591	HDW	488	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
					3,981	-	3,981		
592	HDC	417	HAH	150	5,158		5,158	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
592	HDC	485	HAH	150	93,877		93,877	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
592	HDC	487	HAH	150	84,736		84,736	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
592	HDC	509	HAH	150	1,875		1,875	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
592	HDH	470	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
592	HDH	485	HAH	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
592	HDH	487	HAH	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
592	HDK	485	HAK	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
592	HDK	487	HAK	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
592	HDR	487	HAH	150	242		242	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
592	HDW	405	HAW	150	6,131		6,131	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
592	HDW	470	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
592	HDW	485	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
592	HDW	487	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
					206,649	-	206,649		
				Subtotal	250,517	-	250,517		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Reference
593	HDC	473	HAH	150	703		703	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
593	HDH	415	HAH	150	22,527		22,527	T-6	CA-IR-1, Part b, HELCO T-6, Page 55
593	HDH	445	HAH	150	30,929		30,929	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
593	HDH	447	HAH	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
593	HDH	471	HAH	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
593	HDH	473	HAH	150	52,245	-1672	50,573	T-6	CA-IR-1, Part b, HELCO T-6, Page 57, 210-217
593	HDH	475	HAH	150	92,125	2229	94,354	T-6	CA-IR-1, Part b, HELCO T-6, Page 57, 210-217
593	HDH	494	HAH	150	39,706	-1707	37,999	T-6	CA-IR-1, Part b, HELCO T-6, Page 57, 210-217
593	HDH	500	HAH	150	20,898		20,898	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
593	HDH	507	HAH	150	47,229		47,229	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
593	HDK	415	HAK	150	20,480		20,480	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
593	HDK	445	HAK	150	6,269		6,269	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
593	HDK	447	HAK	150	2,508		2,508	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
593	HDK	471	HAK	150	104		104	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
593	HDK	473	HAK	150	5,851	1184	7,035	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 218-233
593	HDK	475	HAK	150	76,486	-3100	73,386	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 218-233
593	HDK	494	HAK	150	12,539	-140	12,399	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 218-233
593	HDK	500	HAK	150	8,359		8,359	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
593	HDK	507	HAK	150	26,332		26,332	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
593	HDR	507	HAH	150	242		242	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
593	HDW	415	HAW	150	20,062		20,062	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
593	HDW	445	HAW	150	6,269		6,269	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
593	HDW	447	HAW	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
593	HDW	473	HAW	150	9,613		9,613	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
593	HDW	475	HAW	150	94,111		94,111	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
593	HDW	494	HAW	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
593	HDW	500	HAW	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
593	HDW	507	HAW	150	25,914		25,914	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
					630,279	(3,206)	627,073		
				Subtotal	630,279	(3,206)	627,073		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
594	HDH	416	HAH	150	736		736	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	446	HAH	150	1,254		1,254	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	448	HAH	150	1,672		1,672	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	472	HAH	150	16,718		16,718	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	476	HAH	150	3,344		3,344	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	478	HAH	150	16,718		16,718	T-6	CA-IR-1, Part b, HELCO T-6, Page 57
594	HDH	501	HAH	150	35		35	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
594	HDH	508	HAH	150	697		697	T-6	CA-IR-1, Part b, HELCO T-6, Page 58
594	HDK	416	HAK	150	4,911		4,911	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
594	HDK	446	HAK	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
594	HDK	448	HAK	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 70
594	HDK	472	HAK	150	33,920		33,920	T-6	CA-IR-1, Part b, HELCO T-6, Page 72, 74
594	HDK	476	HAK	150	2,926		2,926	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
594	HDK	478	HAK	150	62,970		62,970	T-6	CA-IR-1, Part b, HELCO T-6, Page 72
594	HDR	472	HAH	150	414		414	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
594	HDR	478	HAH	150	414		414	T-6	CA-IR-1, Part b, HELCO T-6, Page 82
594	HDW	446	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
594	HDW	448	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 96
594	HDW	472	HAW	150	8,359		8,359	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
594	HDW	476	HAW	150	2,090		2,090	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
594	HDW	478	HAW	150	16,300		16,300	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
594	HDW	508	HAW	150	418		418	T-6	CA-IR-1, Part b, HELCO T-6, Page 95
					175,986	-	175,986		
595	HDC	479	HAH	150	352		352	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDC	481	HAH	150	4,571		4,571	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDC	484	HAH	150	1,758		1,758	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDC	877	HEL	150	5,274		5,274	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	479	HAH	150	4,180		4,180	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	481	HAH	150	8,359		8,359	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	482	HAH	150	6,269		6,269	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	484	HAH	150	1,254		1,254	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	505	HAH	150	174		174	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDH	511	HAH	150	10,867		10,867	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDK	479	HAK	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDK	481	HAK	150	1,672		1,672	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDK	482	HAK	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDK	484	HAK	150	1,672		1,672	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDK	511	HAK	150	2,020		2,020	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDR	481	HAH	150	276		276	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDW	481	HAW	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDW	482	HAW	150	836		836	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDW	484	HAW	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDW	511	HAW	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
595	HDW	877	HAW	150	418		418	T-6	CA-IR-1, P CA-IR-1, Part b, HELCO T-6, Page 95
					52,042	-	52,042		
				Subtotal	228,028	-	228,028		

Hawaii Electric Light Company, Inc.
Direct Labor Summary - Distribution Maintenance

NARUC Account	RA	Activity	Location	Expense Element	2006 Budget	Budget Adjts	TY 2006 Estimate	Supporting Reference Testimony	Supporting Reference Reference
597	HDC	495	HAH	150	22,854		22,854	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
587	HDC	506	HAH	150	117		117	T-6	CA-IR-1, Part b, HELCO T-6, Page 44
					22,971	-	22,971		
598	HDH	843	HDM	150	14,211		14,211	T-6	CA-IR-1, Part b, HELCO T-6, Page 55
598	HDK	932	HDM	150	986		986	T-6	CA-IR-1, Part b, HELCO T-6, Page 73, 75
598	HDH	492	HAH	150	2,090	26958	29,048	T-6	CA-IR-1, Part b, HELCO T-6, Page 95, 204, 210-217
598	HDW	806	HDM	150	836		836	T-6	CA-IR-1, Part b, HELCO T-6, Page 94
					18,123	26,958	45,081		
		Total Distribution Maintenance			1,149,918	23,752	1,173,670		

Employee Count
2006 - 2007 forecast

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DA	4	4	4	4	4	4	4	4	4	4	4	4
DC	25	25	25	25	25	25	25	25	25	25	25	25
DH	34	34	34	34	34	34	34	34	34	34	34	34
DK	27	27	27	27	27	27	27	27	27	27	27	27
DR	9	9	9	9	9	9	9	9	9	9	9	9
DS	7	7	7	7	7	7	7	7	7	7	7	7
DW	16	16	16	16	16	16	16	16	16	16	16	16
GRAND TOTAL	122	122	122	122	122	122	122	122	122	122	122	122

Employee Manning 2006
RA: DA

		HIRE DATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	A VAC	F VAC	A SICK	F SICK
ENABLR	Jay Ignacio	4/1/90	1	1	1	1	1	1	1	1	1	1	1	1	112	160	–	2
TC	J. Deschamps	7/10/95	1	1	1	1	1	1	1	1	1	1	1	1	163.75	120	24	3
TC	Rich Wlosinski	12/30/96	1	1	1	1	1	1	1	1	1	1	1	1	192	120	–	2
	05 Vacancy- Staff Engineer		1	1	1	1	1	1	1	1	1	1	1	1	–	80	–	2
			2	2	2	2	2	2	2	2	2	2	2	2				
	TOTAL		4	4	4	4	4	4	4	4	4	4	4	4				
															367.25	480	24	10

Employee Manning 2006 Fcst
RA: DC

		HIRE DATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	V	S
FACSUP	M. Nagato	6/06/94	1	1	1	1	1	1	1	1	1	1	1	1		
BU-OC	M. Yoshida	5/07/85	1	1	1	1	1	1	1	1	1	1	1	1		
TCSUP	D. Okamura	11/01/93	1	1	1	1	1	1	1	1	1	1	1	1		
	05 Operations Supt. Vacancy		0	0	0	0	0	0	0	0	0	0	0	0		
	05 Operations Supt. Vacancy		0	0	0	0	0	0	0	0	0	0	0	0		
	S. Hatenaka	1/2/2001	1	1	1	1	1	1	1	1	1	1	1	1		
			2	2	2	2	2	2	2	2	2	2	2	2		
DTECHCREW	K. Yamashita WF	12/17/90	1	1	1	1	1	1	1	1	1	1	1	1		
	05 Working Foreman	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	05 Working Foreman	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	05 Electrician	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	A. Ohara	12/28/95	1	1	1	1	1	1	1	1	1	1	1	1		
	A. Kanaeholo Vacancy	5/07/84	1	1	1	1	1	1	1	1	1	1	1	1		
	R. Akimseu	11/30/94	1	1	1	1	1	1	1	1	1	1	1	1		
	B. Horikawa	8/18/97	1	1	1	1	1	1	1	1	1	1	1	1		
	A. Ranolo	9/05/72	1	1	1	1	1	1	1	1	1	1	1	1		
	M. Rawlins, Jr. Vacancy	9/05/72	1	1	1	1	1	1	1	1	1	1	1	1		
	E. Shozuya WF	7/14/86	1	1	1	1	1	1	1	1	1	1	1	1		
	K. Garbo WP	6/01/72	1	1	1	1	1	1	1	1	1	1	1	1		
	J. Sakai	3/01/82	1	1	1	1	1	1	1	1	1	1	1	1		
	R. Shishido Vacancy	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	G. Akana Vacancy	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	04 Apprentice	NEW	1	1	1	1	1	1	1	1	1	1	1	1		
	A. Gushiken	10/23/00	1	1	1	1	1	1	1	1	1	1	1	1		
	D. Bumatay	5/04/93	1	1	1	1	1	1	1	1	1	1	1	1		
	B. Ballesteros WP	12/20/93	1	1	1	1	1	1	1	1	1	1	1	1		
	T. Hill	12/27/93	1	1	1	1	1	1	1	1	1	1	1	1		
	J. Shimazu	4/13/92	1	1	1	1	1	1	1	1	1	1	1	1		
			21	21	21	21	21	21	21	21	21	21	21	21		
TOTAL			25	25	25	25	25	25	25	25	25	25	25	25		

Employee Manning 2006
RA: DH

		Hire Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	A V	F	A S	F
FACSUP	J. Vierra	3/05/91	1	1	1	1	1	1	1	1	1	1	1	1	257	200	—	2
TCSUP	W. Moku	2/28/92	1	1	1	1	1	1	1	1	1	1	1	1	195	200	40	40
	K. Waltjen	7/22/96	1	1	1	1	1	1	1	1	1	1	1	1	94	120	4	24
			2	2	2	2	2	2	2	2	2	2	2	2	299	320	44	[illegible]
DCREW	G. Kelli	5/23/00	1	1	1	1	1	1	1	1	1	1	1	1	156	120	45	4[illegible]
	✓ S. Kang	6/1/2004	1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ G. Napoleon	8/1/08	1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Additional New Hire - 2004		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	F. Tertap Vacancy		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ J. Ohia	10/21/02	1	1	1	1	1	1	1	1	1	1	1	1	72	80	24	24
	✓ J. Connick	2/1/91	1	1	1	1	1	1	1	1	1	1	1	1	111	160	94	72
	✓ G. Figueira	12/09/98	1	1	1	1	1	1	1	1	1	1	1	1	[illegible]	160	40	40
	✓ K. Iranon	11/15/98	1	1	1	1	1	1	1	1	1	1	1	1	190	160	64	64
	✓ M. Iwahashi	7/12/92	1	1	1	1	1	1	1	1	1	1	1	1	[illegible]	160	44	4[illegible]
	Apprentice 2005		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Apprentice 2005		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Apprentice 2005		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ L. Longakit	4/7/81	1	1	1	1	1	1	1	1	1	1	1	1	206.7	200	98	72
	✓ C. Kunimura	11/13/86	1	1	1	1	1	1	1	1	1	1	1	1	207	160	153.5	120
	✓ K. Kelli	11/05/91	1	1	1	1	1	1	1	1	1	1	1	1	129	120	216	160
	✓ L. Faulkner	5/05/93	1	1	1	1	1	1	1	1	1	1	1	1	204	120	104	10[illegible]
	✓ Ke. Kanakaole	9/05/91	1	1	1	1	1	1	1	1	1	1	1	1	124	120	10	24
	✓ P. Grace	7/21/93	1	1	1	1	1	1	1	1	1	1	1	1	126.5	160	182	120
	✓ W. Rubio	11/22/94	1	1	1	1	1	1	1	1	1	1	1	1	131.5	120	314	120
	N. Mattos	11/04/91	1	1	1	1	1	1	1	1	1	1	1	1	104	160	72	64
	✓ J. Chai	11/18/91	1	1	1	1	1	1	1	1	1	1	1	1	64	160	52	32
	Trouble Inspector - 24 hr day		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Trouble Inspector - 24 hr day		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	R. Nakano	11/05/04	1	1	1	1	1	1	1	1	1	1	1	1	—	80	24	24
	✓ B. Lum	9/25/99	1	1	1	1	1	1	1	1	1	1	1	1	160	160	16	24
	✓ A. Pacheco	11/19/98	1	1	1	1	1	1	1	1	1	1	1	1	123	120	125	96
	✓ W. Iranon	11/15/98	1	1	1	1	1	1	1	1	1	1	1	1	149	120	144	120
	✓ H. Kelly	[illegible]	1	1	1	1	1	1	1	1	1	1	1	1	144	200	124	120
	✓ W. Waltjen	[illegible]	1	1	1	1	1	1	1	1	1	1	1	1	215	200	96	24
	✓ R. Olayon	[illegible]	1	1	1	1	1	1	1	1	1	1	1	1	223	200	102	72
			31	31	31	31	31	31	31	31	31	31	31	31	[illegible]	4900	[illegible]	[illegible]
TOTAL			34	34	34	34	34	34	34	34	34	34	34	34	2910	4576	[illegible]	[illegible]

Employee Manning 2006 FCST
RA: DK

		Hire Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	A V	F	A S	F
FACSUP	C. Nakayama	9/04/80	1	1	1	1	1	1	1	1	1	1	1	1	176	200	—	24
TCSUP	P. Lindsey	TCSUP 3/1/72	1	1	1	1	1	1	1	1	1	1	1	1	249	200	—	29
	West Hawaii Staff Engr.	TC	1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	D. Block	TCSUP 7/27/82	1	1	1	1	1	1	1	1	1	1	1	1	192	160	48	48
			3	3	3	3	3	3	3	3	3	3	3	3	441	440	49	[illegible]
DCREW	Scott Hamilton - Vacancy	10/25/00	1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ A. Borgioli	9/25/03	1	1	1	1	1	1	1	1	1	1	1	1	24	80	—	24
	M. Ahn vacancy	3/08/71	1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	R. Ferreira Vacancy		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ J. Gavalek	1/04/88	1	1	1	1	1	1	1	1	1	1	1	1	170	160	218	144
	✓ C. Kanda	9/05/72	1	1	1	1	1	1	1	1	1	1	1	1	152	200	79	64
	✓ R. Manasas	2/20/73	1	1	1	1	1	1	1	1	1	1	1	1	268	200	10	24
	✓ C. Kanouff	12/11/00	1	1	1	1	1	1	1	1	1	1	1	1	99	120	72	72
	Trouble Inspector - 24 hr		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Trouble Inspector - 24 hr		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Trouble Inspector		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	Trouble Inspector		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ J. Perry	3/20/72	1	1	1	1	1	1	1	1	1	1	1	1	309	200	174	12[illegible]
	✓ D. Doctor	10/17/91	1	1	1	1	1	1	1	1	1	1	1	1	86	160	56	56
	✓ E. Lorenzo	10/21/91	1	1	1	1	1	1	1	1	1	1	1	1	207	160	90	40
	✓ M. Thomas	4/23/90	1	1	1	1	1	1	1	1	1	1	1	1	110	160	196	16[illegible]
	✓ M. Singson	1/05/04	1	1	1	1	1	1	1	1	1	1	1	1	24	80	10	24
	✓ J. Hudman	10/09/02	1	1	1	1	1	1	1	1	1	1	1	1	157	80	129	12[illegible]
	Apprentice - New Hire 2004		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	✓ M. Soo	1/04/92	1	1	1	1	1	1	1	1	1	1	1	1	120	160	158	[illegible]
	✓ M. Kameoka	12/26/89	1	1	1	1	1	1	1	1	1	1	1	1	193	160	36	[illegible]
			21	21	21	21	21	21	21	21	21	21	21	21	1930	2560	1751	[illegible]
DINSPE	✓ W. Denis	8/01/66	1	1	1	1	1	1	1	1	1	1	1	1	236	200	32	32
DWAREH	✓ C. Denis	4/06/92	1	1	1	1	1	1	1	1	1	1	1	1	124	120	—	3[illegible]
TOTAL			27	27	27	27	27	27	27	27	27	27	27	27	2707	2520	1937	15[illegible]

* [illegible]

CA-IR-1, PART b.
DOCKET NO. 05-0315
HELCO T-6
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Employee Manning 2006
RA: DR

		HIRE DATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCS	✓R. Kaneshiro	11/26/01	1	1	1	1	1	1	1	1	1	1	1	1
BU-TC	✓K. Iwamoto	2/02/81	1	1	1	1	1	1	1	1	1	1	1	1
	✓B. Awong	8/23/93	1	1	1	1	1	1	1	1	1	1	1	1
BU-OC	Vacancy		1	1	1	1	1	1	1	1	1	1	1	1
	W. Pua Kaipo	VACANCY 2005	1	1	1	1	1	1	1	1	1	1	1	1
	✓R. Hayashi	1/09/02	1	1	1	1	1	1	1	1	1	1	1	1
	✓J. Spencer	10/24/94	1	1	1	1	1	1	1	1	1	1	1	1
			6	6	6	6	6	6	6	6	6	6	6	6
DINSPE	✓W. Simonson	5/29/84	1	1	1	1	1	1	1	1	1	1	1	1
	Sr. Inspector		1	1	1	1	1	1	1	1	1	1	1	1
			2	2	2	2	2	2	2	2	2	2	2	2
TOTAL			9	9	9	9	9	9	9	9	9	9	9	9

Employee Manning 2006 Forecast
RA: DS

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCSUP	D. Lai	1	1	1	1	1	1	1	1	1	1	1	1
BUTC	K. Hoke	1	1	1	1	1	1	1	1	1	1	1	1
	Keahole Warehouse	0	0	0	0	0	0	0	0	0	0	0	0
	M.Otis	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2
DWAREH	M. Schodowski	1	1	1	1	1	1	1	1	1	1	1	1
	G. Chinen	1	1	1	1	1	1	1	1	1	1	1	1
	J. Kaikaina	1	1	1	1	1	1	1	1	1	1	1	1
	R. Krueger	1	1	1	1	1	1	1	1	1	1	1	1
		4	4	4	4	4	4	4	4	4	4	4	4
TOTAL		7	7	7	7	7	7	7	7	7	7	7	7

Employee Manning 2006 Forecast
RA: DS

		Hire Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	A V	A S
TCSUP	D. Lai	4/16/79	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
BUTC	K. Hoke	10/29/91	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
	Keahole Warehouse		~~1~~ 0	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	0 ~~1~~	[illegible]	–
	M.Otis	6/21/76	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
			~~2~~ 2	~~2~~ 2	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	2 ~~2~~	[illegible]	[illegible]
															560	
DWAREH	M. Schodowski	7/07/94	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
	G. Chinen	3/15/99	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
	J. Kaikaina	4/13/92	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
	R. Krueger	5/10/95	1	1	1	1	1	1	1	1	1	1	1	[illegible]	[illegible]	[illegible]
			4	4	4	4	4	4	4	4	4	4	4	[illegible]	[illegible]	[illegible]
TOTAL			7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	7 ~~8~~	[illegible] 1120	1113

Employee Manning 2006
RA: DW

		HIRE DATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	A	F	A	F
TCSUP	M. Ahn	3/08/71	1	1	1	1	1	1	1	1	1	1	1	1	120	200	—	2[illegible]
DCREW	Eugenio Vacancy		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	2
	J. Balai	2/16/71	1	1	1	1	1	1	1	1	1	1	1	1	227	200	110	7[illegible]
	D. Evangelista	11/17/03	1	1	1	1	1	1	1	1	1	1	1	1	—	80	10	24
	C. Pilayo	2/24/92	1	1	1	1	1	1	1	1	1	1	1	1	106	120	[illegible]	[illegible]
	B. Powell	2/02/04	1	1	1	1	1	1	1	1	1	1	1	1	—	80	25	24
	05 R. Jensen replacement		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	24
	M. Reynolds	10/15/02	1	1	1	1	1	1	1	1	1	1	1	1	120	80	37.5	[illegible]
	A. Ho	6/20/89	1	1	1	1	1	1	1	1	1	1	1	1	162	160	70	6[illegible]
	P. Yates	7/06/92	1	1	1	1	1	1	1	1	1	1	1	1	105	120	90	6[illegible]
	Trouble Inspector 2005		1	1	1	1	1	1	1	1	1	1	1	1	—	80	—	2[illegible]
	H. Walleman	8/16/93	1	1	1	1	1	1	1	1	1	1	1	1	120	120	—	2[illegible]
	D. Iga	12/21/93	1	1	1	1	1	1	1	1	1	1	1	1	160	120	—	2[illegible]
	D. Brighter	9/30/91	1	1	1	1	1	1	1	1	1	1	1	1	181	160	118	9[illegible]
			13	13	13	13	13	13	13	13	13	13	13	13	1398	1480	568	6[illegible]
DINSPE	R. Jensen	10/08/73	1	1	1	1	1	1	1	1	1	1	1	1	177	200	96	9[illegible]
DWAREH	R. Keller	8/21/89	1	1	1	1	1	1	1	1	1	1	1	1	125	160	114	9
TOTAL			16	16	16	16	16	16	16	16	16	16	16	16	1409	2040	778	92

CA-IR-1, PART b.
DOCKET NO. 05-0315
HELCO T-6
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HAWAII ELECTRIC LIGHT CO., INC.

2006 HOLIDAYS

New Year's Day	Monday, January 2	8 JAN 176
President's Day	Monday, February 20	8 FEB 160
Good Friday	Friday, April 14	~~8~~ MAR 184
		8 APR 160
Memorial Day	Monday, May 29	
		8 MAY 184
Kamehameha Day	Monday, June 12	
		8 JUN 176
Independence Day	Tuesday, July 4	
		8 JUL 168
Admission's Day	Friday, August 18	
		8 AUG 184
Labor Day	Monday, September 4	
		8 SEP 168
Discoverer's Day	Monday, October 9	
		8 OCT 176
Election Day	Tuesday, November 7	24 NOV 176
Veteran's Day	Friday, November 10	
Thanksgiving Day	Thursday, November 23	
½ Day Christmas Eve	Friday, December 22	16 DEC 168
Christmas Day	Monday, December 25	
½ Day New Year's Eve	Friday, December 29	
		112 TOT 208C

Distribution Department
Labor Hour percentage

			1999	%	2000	%	2001	%	2002	%	2003	%	2004	%	Budget 2006	Budget 2007	O&M Project Related
HDC	TECHCREW	NI/NR	11917.67	0.348	10523.33	0.31	9705	0.31	8738.5	0.30	10701.25	0.33	10927.67	0.37			
		NE	21261.07	0.618	22384.83	0.66	21185.91	0.67	19945.18	0.67	21269.44	0.65	18274.75	0.62			0 Project Related
		NC	984.5	0.029	954	0.03	613	0.02	711	0.02	641.00	0.02	348.00	0.01			
		BE	232.5	0.007	70	0	260.17	0.01	189.5	0.01	275.00	0.01	81.50	0.00			
			34395.74	1	33932.16	1	31764.08	1.00	29584.18	1.00	32886.69	1.00	29631.92	1.00	0	0	
HDH	CREW	NI/NR	45661.23	0.692	49926.25	0.73	34251	0.65	32539.29	0.63	36129.37	0.66	33657.27	0.61			
		NE	18967.58	0.287	16462	0.24	15486.5	0.30	17131.73	0.33	16423.49	0.30	19262.57	0.35			114 Project Related
		NC	1276.5	0.019	1589.5	0.02	2742.5	0.05	2117.5	0.04	2208.75	0.04	2594.25	0.05			
		BE	86.5	0.001	3	0	0	0.00	0	0.00	99.05	0.00	0.00	0.00	0	0	
			65991.81	1	67982.75	1	52480	1.00	51788.52	1.00	54858.66	1.00	55614.09	1.00	0	0	
HDK	CREW	NI	17504.35	0.654	17238.08	0.67	20136.76	0.73	27300.38	0.76	24228.95	0.72	21490.32	0.59			
		NE	8694.94	0.325	7305.13	0.28	6684.63	0.24	8137.75	0.23	7550.04	0.22	12836.17	0.35			122 Project Related
		NC	556.5	0.021	1134.17	0.04	625.5	0.02	469	0.01	1884.50	0.06	2106.50	0.06			
		BE		0		0	10	0.00	0	0.00	18.00	0.00	4.50	0.00			
			26755.79	1	25677.38	1	27456.89	1.00	35907.13	1.00	33681.49	1.00	36439.49	1.00	0	0	
HDK	INSP	NI	1089.5	0.604	1512.32	0.85	1708.34	0.94	1656.01	0.90	1719.58	0.87	1533.14	0.79			
		NE	714.67	0.396	259.5	0.15	99.75	0.06	184.25	0.10	267.59	0.13	410.42	0.21			1 Project Related
		NC	1	6E-04	4	0	1	0.00	3	0.00	0.00	0.00	0.00	0.00			
		BE	0	0		0		0.00		0.00	0.00	0.00	0.00	0.00			
			1805.17	1	1775.82	1	1807.09	1.00	1843.26	1.00	1987.15	1.00	1943.56	1.00	0	0	
HDR	Used to be	NI	7.5	6E-04	0	0	6.25	0.00	0	0.00	1.00	0.00	0.00	0.00			
	BUTC	NS	8859.5	0.743	3860.91	0.33	3780.58	0.30	3726.8	0.30	3265.00	0.27	3476.19	0.27			0 Project Related
	2004/BUOC	NC	2896.25	0.243	7803.79	0.67	8644.13	0.70	8855.97	0.70	8822.03	0.73	9210.98	0.73			
		BE	160	0.013	0	0	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0	
			11922.25	1	11664.7	1	12430.96	1.00	12582.77	1.00	12088.03	1.00	12687.17	1.00	0	0	
HDR	INSP	NI	1067	0.369	400	0.21	675.25	0.40	363.25	0.19	881.25	0.47	890.00	0.46			
		NE	1857	0.631	1498.5	0.79	1029.5	0.60	1515.25	0.81	1012.00	0.53	1051.00	0.54			0 Project Related
		NC		0		0	0	0.00	3	0.00	0.00	0.00	0.00	0.00	0	0	
		BE		0		0		0.00		0.00	0.00	0.00	0.00	0.00			
			2944	1	1898.5	1	1704.75	1.00	1881.5	1.00	1893.25	1.00	1941.00	1.00	0	0	
HDW	CREW	NI	14912.59	0.679	22114.87	0.71	15522.16	0.61	14411.83	0.56	16119.01	0.66	17723.31	0.64			
		NE	6909.87	0.314	8585.41	0.28	8080.74	0.32	8325.75	0.32	7255.54	0.29	9694.46	0.35			363 Project Related
		NC	145	0.007	386	0.01	1680.5	0.07	3111.17	0.12	1295.50	0.05	185.50	0.01			
		BE	5.5	3E-04		0	0	0.00	9	0.00		0.00	2.00	0.00	0	0	
			21972.96	1	31086.28		25283.4	1.00	25857.75	1.00	24670.05	1.00	27605.27	1.00	0	0	
HDW	INSP	NI		0		0	1359.17	0.65	1323	0.61	658.00	0.43	493.00	0.73			
		NE		0		0	708.63	0.34	808	0.37	859.50	0.56	182.00	0.27			0 Project Related
		NC		0		0	24.5	0.01	31.5	0.01	9.00	0.01	0.00	0.00			
		BE		0		0		0.00		0.00	0.00	0.00	0.00	0.00			
			0	0	0		2090.5	1.00	2162.5	1.00	1526.50	1.00	675.00	1.00	0	0	

Overtime Report
Distribution Department
All Costs Including both O&M and Capital
HOUR REPORT

			PROD ST	XST	OT	DT	OT TOTAL	PCT
HDC	TECHCREW	2005 FCST	37,208.0				4,000.0	0.11
		2004 FCST	37,544.0				4,000.0	0.11
		2005 Jan Act	2,563.5	2.5	435.8	48.8	487.1	0.19
		2004	25,718.1	18	3771.6	471.6	4,261.2	0.17
		2003	28,935.1	42.0	3471.2	565.5	4,078.7	0.14
		2002	26,603.3	8.0	2749.6	598.1	3,355.7	0.13
		2001	31,687.0	10.0	1,668.6	135	1,813.6	0.06
		2000 HEP	31,318.5	12.5	2,366.2	445	2,823.7	0.09
		1999	33,027.5	15.5	1,411.2	110.6	1,537.3	0.05
		1998	34,216.0	9.0	781.0	158	948.0	0.03
		1997	33,963.0	10.0	838.0	122	970.0	0.03
HDH	DCREW	2005 FCST	52,068.0				14,600.0	0.11
		2004 FCST	52,532.0				14,600.0	0.28
		2005 Jan ACT	4,563.3	37.2	1,116.00	743.7	1,896.9	0.42
		2004	41,439.9	255.5	9,177.5	5,412.6	14,845.6	0.36
		2003	40,289.1	176.0	9,904.7	4,546.4	14,627.1	0.36
		2002	38,208.5	83.0	8,460.6	3,112.3	11,655.9	0.31
		2001	42,272.5	36.0	6,239.0	2,031.3	8,306.3	0.20
		2000 HEP	53,211.5	44.5	10,759.9	5,054.9	15,859.3	0.30
		1999	57,686.8	44.5	5,162.8	1,570.3	6,777.6	0.12
		1998	60,234.0	37.0	5,365.0	2,259.0	7,661.0	0.13
		1997	62,981.0	49.0	4,477.0	2,976.0	7,502.0	0.12
HDK	DCREW	2005 FCST	30,368.0				10,000.0	0.33
		2004 FCST	30,640.0				10,000.0	0.33
		2005 Jan Act	3,055.5	0	782.6	394	1,176.6	0.39
		2004	23,610.4	17.5	7,872.7	3,602.1	11,492.3	0.49
		2003	23,779.0	5.5	6,169.3	3,889.3	10,067.1	0.42
		2002	24,381.0	10.9	8,341.8	3,405.3	11,757.8	0.48
		2001	19,884.5	16.5	5,762.6	2145.5	7,924.6	0.40
		2000 HEP	19,835.5	6.5	4,655.0	1408.3	6,069.8	0.31
		1999	22,981.5	11.5	2,824.5	1193.6	4,029.6	0.18
HDW	DCREW	2005 FCST	21,252.0				6,264.0	0.29
		2004 FCST	21,444.0				6,264.0	0.29
		2005 Jan ACT	2,246.0	3.5	474.7	131.7	609.9	0.27
		2004	19,262.5	31.0	4,879.7	1,743.8	6,654.5	0.35
		2003	17,571.2	4.5	5,148.7	1,213.3	6,366.5	0.36
		2002	16,999.0	9.3	4,996.8	1,258.4	6,264.5	0.37
		2001	17,808.0	6.0	4,112.8	1,079.1	5,197.9	0.29
		2000 HEP	23,712.8	-	5,337.8	2,293.2	7,631.0	0.32
		1999	20,336.0	-	1,274.9	542.3	1,817.2	0.09

Overtime Report
Distribution Department
All Costs Including both O&M and Capital
HOUR REPORT

				PROD ST	XST	OT	DT	OT TOTAL	PCT
HDH	Lloyd Longakit	2003							#DIV/0!
		2002							#DIV/0!
		2001							#DIV/0!
		2000	HEP						#DIV/0!
		1999							#DIV/0!
		1998							#DIV/0!
		1997							#DIV/0!
HDR	DINSPE	2005	FCST	3,536.0				216.0	0.06
		2004	FCST	3,568.0				216.0	0.06
		2004		1,889.0	1.5	250.5	31.5	283.5	0.17
		2003		1,636.0	0.5	212.8	4	217.3	0.13
		2002		1,680.0	-	199.0	14.5	213.5	0.13
		2001		1,551.5	-	139.3	1	140.3	0.09
		2000	HEP	1,728.0	-	163.0	15	178.0	0.10
		1999		2,885.0	1.0	85.8	0	86.8	0.03

Employee List by Department as of 07/01/2005

Report Parameters: AsOfDate: 07/01/2005
District: *
VP Function: *
Department: *
Division: *

HAWAII ELECTRIC LIGHT COMPANY:

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
DEPARTMENT: DISTRIBUTION								
AF	HDA	0000030332	DESCHAMPS, JENNIFER K	4719	DISTRIBUTION ADMINISTRATOR	HHL	07/10/1995	07/10/1995
AF	HDA	0000030284	IGNACIO, JAY M	4157	MANAGER, DISTRIBUTION	HHL	04/01/1990	04/01/1990
AF	HDA	0000030350	WLOSINSKI, RICHARD A	4158	SYSTEM FORESTER	HHL	12/30/1996	12/30/1996
AF	HDC	0000030327	AKIM SEU, RUSSELL E	4167	ELECTRICIAN (COMM), THFTR	HHL	11/30/1994	11/30/1994
AF	HDC	0000030301	BALLESTEROS JR, BRADLEY H	4164	WORKING FOREMAN	HKN	12/20/1993	12/20/1993
AF	HDC	0000031011	BUMATAY, DOUGLAS L K	4175	ELECTRICIAN, THFTR	HHL	05/04/1993	05/04/1993
AF	HDC	0000030647	GARBO, KURT W	4164	WORKING FOREMAN	HHL	06/01/1972	06/01/1972
AF	HDC	0000033853	GUSHIKEN, ANDREW K	4176	ELECTRICIAN, 1ST YR	HKN	10/23/2000	10/23/2000
AF	HDC	0000033910	HATAKENAKA, SIDNEY KEICHI	4720	ASST TECH SUPERINTENDENT, SUBSTATION	HHL	01/02/2001	01/02/2001
AF	HDC	0000030305	HILL, TROY B	4164	WORKING FOREMAN	HHL	12/27/1993	12/27/1993
AF	HDC	0000021131	HORIKAWA, BERT K	4178	APPREN ELECTRICIAN 5	HKN	08/18/1997	01/13/2003
AC	HDC	0000035083	KODAMA, DAVID Y	4183	HELPER 1/C	HHL	05/02/2005	05/02/2005
AF	HDC	0000030313	NAGATO, MILES K	4161	SUPERINTENDENT, TECHNICAL	HHL	06/06/1994	06/06/1994
AF	HDC	0000030303	OHARA, AARON M	4175	ELECTRICIAN, THFTR	HHL	12/28/1993	12/28/1993
AF	HDC	0000030298	OKAMURA, DAVE S	4721	ASST TECH SUPERINTENDENT, ELECTRONIC	HHL	11/01/1993	11/01/1993
AF	HDC	0000030706	RONOLO, ARTHUR M	4350	LINEMAN, THFTR	HHL	09/05/1972	09/05/1972
AF	HDC	0000030874	SAKAI, JAMES S	4165	TECHNICIAN (RELAYMAN)	HKN	03/01/1982	02/19/2001
AF	HDC	0000034949	SHIMAZU, JASON S	4351	SENIOR HELPER	HHL	12/06/2004	12/06/2004
AF	HDC	0000030951	SHOZUYA, ERIC M	4164	WORKING FOREMAN	HHL	07/14/1988	08/29/1988
AF	HDC	0000030976	YAMASHITA, KEVIN K	4164	WORKING FOREMAN	HHL	12/17/1990	12/17/1990
AF	HDC	0000030912	YOSHIDA, ELIZABETH C	4162	CLERK STENOGRAPHER	HHL	05/07/1985	05/07/1985
AF	HDH	0000030989	CHAI, JAMES M	4198	TROUBLEMAN-INSPECTOR, THFTR	HHL	11/18/1991	11/18/1991
AF	HDH	0000030863	CONNICK, R JOHN	4186	WORKING FOREMAN	HHL	02/17/1981	02/17/1981
AF	HDH	0000031021	FAULKNER, LLOYD K JR	4188	LINEMAN, THFTR	HHL	05/05/1992	07/07/1993
AF	HDH	0000030909	FIGUEIRA, GABRIEL P	4186	WORKING FOREMAN	HHL	12/04/1984	12/04/1984
AF	HDH	0000031023	GRACE, PETER	4188	LINEMAN, THFTR	HHL	07/21/1993	07/21/1993
AF	HDH	0000030915	IRANON, KEANE	4188	LINEMAN, THFTR	HHL	06/10/1985	06/10/1985
AF	HDH	0000031036	IRANON, WHITNEY E	4188	LINEMAN, THFTR	HHL	11/15/1994	11/15/1994
AF	HDH	0000030876	IWAHASHI, MICHAEL T	4186	WORKING FOREMAN	HHL	07/12/1982	07/12/1982
AF	HDH	0000031026	KANAKAOLE, KERRY K	4188	LINEMAN, THFTR	HHL	08/05/1991	07/08/1993
AF	HDH	0000034746	KANG JR, SAMUEL	4189	LINEMAN, 1ST YEAR	HHL	06/01/2004	06/01/2004
AF	HDH	0000033714	KELII, GARNER K	4190	APPRENTICE LINEMAN 6	HHL	10/23/2002	10/23/2002
AF	HDH	0000030988	KELII, KYLE H	4188	LINEMAN, THFTR	HHL	11/05/1991	11/05/1991
AF	HDH	0000030607	KELLY, HOWARD J A	4186	WORKING FOREMAN	HHL	04/02/1973	04/02/1973

[illegible] Employee Information List by Department as of 07/01/2005

Report Parameters AsOfDate: 07/01/2005
District: * Department: *
VP Function: * Division: *

HAWAII ELECTRIC LIGHT COMPANY:

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
DEPARTMENT: DISTRIBUTION								
AF	✓ HDH	0000030957	KUNIMURA, CLYDE J	4188	LINEMAN, THFTR	HHL	11/13/1986	04/10/1989
AF	✓ HDH	0000030864	LONGAKIT, LLOYD J	4188	LINEMAN, THFTR	HHL	04/07/1981	04/07/1981
AF	✓ HDH	0000020288	LUM, BRYAN B K	4188	LINEMAN, THFTR	HHL	09/05/1989	03/06/2000
AF	✓ HDH	0000030987	MATTOS, NATHAN J	4196	TROUBLEMAN-INSPECTOR, THFTR	HHL	11/04/1991	11/04/1991
AF	✓ HDH	0000030843	MOKU, WAYNE M K	4184	ASST SUPT, CONSTR & MAINT	HHL	02/28/1972	10/15/1979
AF	✓ HDH	0000034638	NAKANO, ROMAN E	4194	APPRENTICE LINEMAN 2	HHL	01/05/2004	01/05/2004
AF	✓ HDH	0000034745	NAPOLEON SR, GARY	4189	LINEMAN, 1ST YEAR	HHL	06/01/2004	06/01/2004
AF	✓ HDH	0000034370	OHIA, JASON K	4191	APPRENTICE LINEMAN 5	HHL	10/21/2002	10/21/2002
AF	✓ HDH	0000030842	OLAYON, RICHARD E	4187	SERVICEMAN	HHL	02/28/1972	09/10/1979
AF	✓ HDH	0000031033	PACHECO, AARON K	4188	LINEMAN, THFTR	HHL	11/17/1994	11/17/1994
AF	✓ HDH	0000030326	RUBIO, WAYNE N	4188	LINEMAN, THFTR	HHL	11/22/1994	11/22/1994
AF	✓ HDH	0000030850	VIERRA JR, JOHN	4551	SUPERINTENDENT, CONSTR & MTCE	HHL	03/08/1971	12/08/1980
AF	✓ HDH	0000030347	WALTJEN, KEVIN	4184	ASST SUPT, CONSTR & MAINT	HHL	07/22/1996	07/22/1996
AF	✓ HDH	0000030727	WALTJEN, WOODROW W	4187	SERVICEMAN	HHL	12/11/1972	12/11/1972
AF	✓ HDK	0000030927	BLOCK, DAVID L	4199	ASST DISTRICT SUPERINTENDENT	HHL	07/27/1987	07/27/1987
AF	✓ HDK	0000034558	BORGIOLI, ANTHONY	4208	APPRENTICE LINEMAN 3	HKN	08/25/2003	08/25/2003
AF	✓ HDK	0000034138	DENIS, CHANCEL H	4212	WAREHOUSE/TOOL ROOM ATTENDANT	HKN	11/27/2001	11/27/2001
AF	✓ HDK	0000030849	DENIS JR, WILLIAM A	4201	SR INSPECTOR	HKN	08/01/1966	08/01/1966
AF	✓ HDK	0000030985	DOCTOR, DARIN C	4203	LINEMAN, THFTR	HKN	10/17/1991	10/17/1991
AF	✓ HDK	0000030963	GAVELEK, JOHN	4202	WORKING FOREMAN	HKN	01/04/1988	06/13/1989
AF	✓ HDK	0000034154	HUDMAN, JOSHUA K C	4207	APPRENTICE LINEMAN 4	HKN	10/08/2002	10/08/2002
AF	✓ HDK	0000030973	KAMEOKA, MICHAEL M	4203	LINEMAN, THFTR	HKN	12/26/1989	05/07/1990
AF	✓ HDK	0000030907	KANDA, CRAIG K	4202	WORKING FOREMAN	HKN	09/05/1972	12/03/1984
AF	✓ HDK	0000033892	KANOUFF, CHARLES	4203	LINEMAN, THFTR	HKN	12/11/2000	12/11/2000
AF	✓ HDK	0000030644	LINDSEY, PETER W	4199	ASST DISTRICT SUPERINTENDENT	HKN	04/03/1972	04/03/1972
AF	✓ HDK	0000030984	LORENZO, ERIC L	4203	LINEMAN, THFTR	HKN	10/21/1991	10/21/1991
AF	✓ HDK	0000030919	MANASAS, RANDALL	4202	WORKING FOREMAN	HKN	02/20/1973	07/22/1985
AF	✓ HDK	0000030263	NAKAYAMA, CURTIS T	4198	DISTRICT SUPERINTENDENT	HHL	08/04/1980	08/04/1980
AF	✓ HDK	0000030731	PERRY, JAMES D	4200	SERVICEMAN	HKN	03/20/1972	08/14/1978
AF	✓ HDK	0000034641	SINGSON, MYCHAEL S K L	4209	APPRENTICE LINEMAN 2	HKN	01/05/2004	01/05/2004
AF	✓ HDK	0000030873	SOO, MICHAEL A	4203	LINEMAN, THFTR	HKN	01/04/1982	01/04/1982
AF	✓ HDK	0000030977	THOMAS, MICHAEL K	4203	LINEMAN, THFTR	HKN	04/23/1990	03/22/1999
AF	✓ HDR	0000031029	AWONG, BRENDA K	4233	SHIFT CLERK DISPATCHER	HHL	08/23/1993	08/23/1993
AF	✓ HDR	0000034146	HAYASHI, RACHEL R	4233	SHIFT CLERK DISPATCHER	HHL	01/09/2002	01/09/2002

CA-IR-1, PART b.
DOCKET NO. 05-0315
HELCO T-6
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638 Employee Alphabetical List By Department as of 07/01/2005

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District: *
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Department: *
Division: *

HAWAII ELECTRIC LIGHT COMPANY:

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
DEPARTMENT: DISTRIBUTION								
AF	HDR	0000030881	IWAMOTO, KATHLEEN T	4232	CLERK DISPATCHER	HHL	02/02/1981	02/02/1981
AF	HDR	0000034131	KANESHIRO, ROBERT S	4843	ASST TECH SUPERINTENDENT, OPERATION	HHL	11/26/2001	11/26/2001
AF	HDR	0000030955	SIMONSON, WAYNE S	4230	INSPECTOR	HHL	05/29/1984	01/30/1989
AF	HDR	0000030318	SPENCER, JACKLYN	4233	SHIFT CLERK DISPATCHER	HHL	10/24/1994	10/24/1994
AF	HDS	0000030311	CHINEN, GEORGE Y	4236	SR WAREHOUSE ATTENDANT	HHL	03/15/1994	03/15/1994
AF	HDS	0000030986	HOKE, KRIS L K	4235	MATERIALS COORDINATOR	HHL	10/28/1991	10/28/1991
AF	HDS	0000030994	KAIKAINA, JESSICA O	4237	TL RM ATTNDT & REPAIRER	HHL	04/13/1992	04/13/1992
AF	HDS	0000030330	KRUEGER, RICHELLE B	4238	WAREHOUSE ATTENDANT	HHL	05/10/1995	05/10/1995
AF	HDS	0000030839	LAI, DEBRA F	4234	SUPERVISOR, STORES	HHL	04/16/1979	04/16/1979
AF	HDS	0000030251	OTIS, MARI E	4327	STOREKEEPER	HHL	06/21/1976	06/21/1976
AF	HDS	0000030315	SCHODOWSKI, MICHELLE L	4238	WAREHOUSE ATTENDANT	HHL	07/07/1994	07/07/1994
AF	HDW	0000030729	AHN, MICHAEL J	4241	ASST DISTRICT SUPERINTENDENT	HWI	03/08/1971	06/19/1978
AF	HDW	0000030852	BALAI, JAMES	4244	WORKING FOREMAN	HWI	02/16/1971	01/05/1981
AF	HDW	0000030982	BRIGHTER, DARRYLL E	4242	SERVICEMAN	HHL	09/30/1991	09/30/1991
AF	HDW	0000034598	EVANGELISTA, DONALD HENRY	4250	APPRENTICE LINEMAN 3	HWI	11/17/2003	11/17/2003
AF	HDW	0000030974	HO, ANGELA L	4244	WORKING FOREMAN	HWI	06/20/1989	05/14/1990
AF	HDW	0000030302	IGA, DARYL K	4245	LINEMAN, THFTR	HWI	12/21/1993	12/21/1993
AF	HDW	0000030879	JENSEN JR, ROY P	4243	SR INSPECTOR	HWI	10/08/1973	04/11/1983
AF	HDW	0000030964	KELLER, ROGER E	4254	WAREHOUSE/TOOL ROOM ATTENDANT	HWI	08/21/1989	08/21/1989
AF	HDW	0000020591	PILAYO, CHAD K	4245	LINEMAN, THFTR	HWI	02/24/1992	01/26/2004
AF	HDW	0000034652	POWELL, BRIAN	4245	LINEMAN, THFTR	HWI	02/02/2004	02/02/2004
AF	HDW	0000034367	REYNOLDS, MARTIN K T	4248	APPRENTICE LINEMAN 5	HWI	10/15/2002	10/15/2002
AF	HDW	0000031030	WALLEMAN, HAWKE	4245	LINEMAN, THFTR	HWI	08/16/1993	08/16/1993
AF	HDW	0000030998	YATES, PATRICK A	4245	LINEMAN, THFTR	HWI	07/06/1992	07/06/1992

Total Employees for DISTRIBUTION: [redacted]

Employee Alphabetical List By Department as of 05/01/2005

Report Parameters

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HAWAII ELECTRIC LIGHT COMPANY:

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
DEPARTMENT: DISTRIBUTION								
AF	HDA	0000030332	DESCHAMPS, JENNIFER K	4719	DISTRIBUTION ADMINISTRATOR	HHL	07/10/1995	07/10/1995
AF	HDA	0000030284	IGNACIO, JAY M	4157	MANAGER, DISTRIBUTION	HHL	04/01/1990	04/01/1990
AF	HDA	0000030350	WLOSINSKI, RICHARD A	4158	SYSTEM FORESTER	HHL	12/30/1996	12/30/1996
AF	HDC	0000030327	AKIM SEU, RUSSELL E	4167	ELECTRICIAN (COMM), THFTR	HHL	11/30/1994	11/30/1994
AF	HDC	0000030301	BALLESTEROS JR, BRADLEY H	4184	WORKING FOREMAN	HKN	12/20/1993	12/20/1993
AF	HDC	0000031011	BUMATAY, DOUGLAS L K	4175	ELECTRICIAN, THFTR	HHL	05/04/1993	05/04/1993
AF	HDC	0000030647	GARBO, KURT W	4184	WORKING FOREMAN	HHL	06/01/1972	06/01/1972
AF	HDC	0000033853	GUSHIKEN, ANDREW K	4176	ELECTRICIAN, 1ST YR	HKN	10/23/2000	10/23/2000
AF	HDC	0000033910	HATAKENAKA, SIDNEY HEIICHI	4720	ASST TECH SUPERINTENDENT, SUBSTATION	HHL	01/02/2001	01/02/2001
AF	HDC	0000030305	HILL, TROY B	4184	WORKING FOREMAN	HHL	12/27/1993	12/27/1993
AF	HDC	0000021131	HORIKAWA, BERT K	4179	APPREN ELECTRICIAN 4	HKN	08/18/1997	01/13/2003
AF	HDC	0000030313	NAGATO, MILES K	4161	SUPERINTENDENT, TECHNICAL	HHL	06/06/1994	06/06/1994
AF	HDC	0000030303	OHARA, AARON M	4175	ELECTRICIAN, THFTR	HHL	12/28/1993	12/28/1993
AF	HDC	0000030298	OKAMURA, DAVE S	4721	ASST TECH SUPERINTENDENT, ELECTRONIC	HHL	11/01/1993	11/01/1993
AF	HDC	0000030706	RONOLO, ARTHUR M	4350	LINEMAN, THFTR	HHL	09/05/1972	09/05/1972
AF	HDC	0000030874	SAKAI, JAMES S	4165	TECHNICIAN (RELAYMAN)	HKN	03/01/1982	02/19/2001
AC	HDC	0000034949	SHIMAZU, JASON S	4183	HELPER 1/C	HHL	12/06/2004	12/06/2004
AF	HDC	0000030951	SHOZUYA, ERIC M	4175	ELECTRICIAN, THFTR	HHL	07/14/1986	08/29/1988
AF	HDC	0000030976	YAMASHITA, KEVIN K	4164	WORKING FOREMAN	HHL	12/17/1990	12/17/1990
AF	HDC	0000030912	YOSHIDA, ELIZABETH C	4162	CLERK STENOGRAPHER	HHL	05/07/1985	05/07/1985
AF	HDH	0000030989	CHAI, JAMES M	4196	TROUBLEMAN-INSPECTOR, THFTR	HHL	11/18/1991	11/18/1991
AF	HDH	0000030863	CONNICK, R JOHN	4186	WORKING FOREMAN	HHL	02/17/1981	02/17/1981
AF	HDH	0000031021	FAULKNER, LLOYD K JR	4188	LINEMAN, THFTR	HHL	05/05/1992	07/07/1993
AF	HDH	0000030909	FIGUEIRA, GABRIEL P	4186	WORKING FOREMAN	HHL	12/04/1984	12/04/1984
AF	HDH	0000031023	GRACE, PETER	4188	LINEMAN, THFTR	HHL	07/21/1993	07/21/1993
AF	HDH	0000030915	IRANON, KEANE	4188	LINEMAN, THFTR	HHL	06/10/1985	06/10/1985
AF	HDH	0000031036	IRANON, WHITNEY E	4188	LINEMAN, THFTR	HHL	11/15/1994	11/15/1994
AF	HDH	0000030876	IWAHASHI, MICHAEL T	4186	WORKING FOREMAN	HHL	07/12/1982	07/12/1982
AF	HDH	0000031020	KANAKAOLE, KERRY K	4188	LINEMAN, THFTR	HHL	08/05/1991	07/06/1993
AF	HDH	0000034746	KANG JR, SAMUEL	4189	LINEMAN, 1ST YEAR	HHL	06/01/2004	06/01/2004
AF	HDH	0000033714	KELII, GARNER K	4191	APPRENTICE LINEMAN 5	HHL	10/23/2002	10/23/2002
AF	HDH	0000030988	KELII, KYLE H	4188	LINEMAN, THFTR	HHL	11/05/1991	11/05/1991
AF	HDH	0000030607	KELLY, HOWARD J A	4186	WORKING FOREMAN	HHL	04/02/1973	04/02/1973
AF	HDH	0000030957	KUNIMURA, CLYDE J	4188	LINEMAN, THFTR	HHL	11/13/1988	04/10/1989

638 Employee Information List by Department as of 05/01/2005

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HAWAII ELECTRIC LIGHT COMPANY:

DEPARTMENT: DISTRIBUTION

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
AF	HDH	0000030864	LONGAKIT, LLOYD J	4188	LINEMAN, THFTR	HHL	04/07/1981	04/07/1981
AF	HDH	0000020288	LUM, BRYAN B K	4188	LINEMAN, THFTR	HHL	09/05/1989	03/06/2000
AF	HDH	0000030987	MATTOS, NATHAN J	4196	TROUBLEMAN-INSPECTOR, THFTR	HHL	11/04/1991	11/04/1991
AF	HDH	0000030843	MOKU, WAYNE M K	4184	ASST SUPT, CONSTR & MAINT	HHL	02/28/1972	10/15/1979
AF	HDH	0000034638	NAKANO, ROMAN E	4194	APPRENTICE LINEMAN 2	HHL	01/05/2004	01/05/2004
AF	HDH	0000034745	NAPOLEON SR, GARY	4189	LINEMAN, 1ST YEAR	HHL	06/01/2004	06/01/2004
AF	HDH	0000034370	OHIA, JASON K	4193	APPRENTICE LINEMAN 3	HHL	10/21/2002	10/21/2002
AF	HDH	0000030842	OLAYON, RICHARD E	4187	SERVICEMAN	HHL	02/28/1972	09/10/1979
AF	HDH	0000031033	PACHECO, AARON K	4188	LINEMAN, THFTR	HHL	11/17/1994	11/17/1994
AF	HDH	0000030326	RUBIO, WAYNE N	4188	LINEMAN, THFTR	HHL	11/22/1994	11/22/1994
AF	HDH	0000030850	VIERRA JR, JOHN	4551	SUPERINTENDENT, CONSTR & MTCE	HHL	03/08/1971	12/08/1980
AF	HDH	0000030347	WALTJEN, KEVIN	4184	ASST SUPT, CONSTR & MAINT	HHL	07/22/1996	07/22/1996
AF	HDH	0000030727	WALTJEN, WOODROW W	4187	SERVICEMAN	HHL	12/11/1972	12/11/1972
AF	HDK	0000030927	BLOCK, DAVID L	4199	ASST DISTRICT SUPERINTENDENT	HHL	07/27/1987	07/27/1987
AF	HDK	0000034558	BORGIOLI, ANTHONY	4208	APPRENTICE LINEMAN 3	HKN	08/25/2003	08/25/2003
AF	HDK	0000034136	DENIS, CHANCEL H	4212	WAREHOUSE/TOOL ROOM ATTENDANT	HKN	11/27/2001	11/27/2001
AF	HDK	0000030649	DENIS JR, WILLIAM A	4201	SR INSPECTOR	HKN	08/01/1966	08/01/1966
AF	HDK	0000030985	DOCTOR, DARIN C	4203	LINEMAN, THFTR	HKN	10/17/1991	10/17/1991
AF	HDK	0000030963	GAVELEK, JOHN	4202	WORKING FOREMAN	HKN	01/04/1988	06/13/1989
AC	HDK	0000034906	HAMILTON, SCOTT A	4203	LINEMAN, THFTR	HKN	10/25/2004	10/25/2004
AF	HDK	0000034154	HUDMAN, JOSHUA K C	4207	APPRENTICE LINEMAN 4	HKN	10/08/2002	10/08/2002
AF	HDK	0000030973	KAMEOKA, MICHAEL M	4203	LINEMAN, THFTR	HKN	12/26/1989	05/07/1990
AF	HDK	0000030907	KANDA, CRAIG K	4202	WORKING FOREMAN	HKN	09/05/1972	12/03/1984
AF	HDK	0000033892	KANOUFF, CHARLES	4203	LINEMAN, THFTR	HKN	12/11/2000	12/11/2000
AF	HDK	0000030644	LINDSEY, PETER W	4199	ASST DISTRICT SUPERINTENDENT	HKN	04/03/1972	04/03/1972
AF	HDK	0000030984	LORENZO, ERIC L	4203	LINEMAN, THFTR	HKN	10/21/1991	10/21/1991
AF	HDK	0000030919	MANASAS, RANDALL	4202	WORKING FOREMAN	HKN	02/20/1973	07/22/1985
AF	HDK	0000030263	NAKAYAMA, CURTIS T	4198	DISTRICT SUPERINTENDENT	HHL	08/04/1980	08/04/1980
AF	HDK	0000030731	PERRY, JAMES D	4200	SERVICEMAN	HKN	03/20/1972	08/14/1978
AF	HDK	0000034641	SINGSON, MYCHAEL S. K. L.	4209	APPRENTICE LINEMAN 2	HKN	01/05/2004	01/05/2004
AF	HDK	0000030873	SOO, MICHAEL A	4203	LINEMAN, THFTR	HKN	01/04/1982	01/04/1982
AF	HDK	0000030977	THOMAS, MICHAEL K	4203	LINEMAN, THFTR	HKN	04/23/1990	03/22/1999
AF	HDR	0000031029	AWONG, BRENDA K	4233	SHIFT CLERK DISPATCHER	HHL	08/23/1993	08/23/1993
AF	HDR	0000034146	HAYASHI, RACHEL R	4233	SHIFT CLERK DISPATCHER	HHL	01/09/2002	01/09/2002

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HAWAII ELECTRIC LIGHT COMPANY:

EMP CAT	RA	EMPNO	NAME	POSITION	TITLE	WL	CORPORATE HIRE	COMPANY HIRE
DEPARTMENT: DISTRIBUTION								
AF	HDR	0000030861	IWAMOTO, KATHLEEN T	4232	CLERK DISPATCHER	HHL	02/02/1981	02/02/1981
AF	HDR	0000034131	KANESHIRO, ROBERT S	4843	ASST TECH SUPERINTENDENT, OPERATION	HHL	11/26/2001	11/26/2001
AF	HDR	0000030955	SIMONSON, WAYNE S	4230	INSPECTOR	HHL	05/29/1984	01/30/1989
AF	HDR	0000030318	SPENCER, JACKLYN	4233	SHIFT CLERK DISPATCHER	HHL	10/24/1994	10/24/1994
AF	HDS	0000030311	CHINEN, GEORGE Y	4236	SR WAREHOUSE ATTENDANT	HHL	03/15/1994	03/15/1994
AF	HDS	0000030988	HOKE, KRIS L K	4235	MATERIALS COORDINATOR	HHL	10/28/1991	10/28/1991
AF	HDS	0000030994	KAIKAINA, JESSICA O	4237	TL RM ATTNDT & REPAIRER	HHL	04/13/1992	04/13/1992
AF	HDS	0000030330	KRUEGER, RICHELLE B	4238	WAREHOUSE ATTENDANT	HHL	05/10/1995	05/10/1995
AF	HDS	0000030839	LAI, DEBRA F	4234	SUPERVISOR, STORES	HHL	04/16/1979	04/16/1979
AF	HDS	0000030251	OTIS, MARI E	4327	STOREKEEPER	HHL	06/21/1976	06/21/1976
AF	HDS	0000030315	SCHODOWSKI, MICHELLE L	4238	WAREHOUSE ATTENDANT	HHL	07/07/1994	07/07/1994
AF	HDW	0000030729	AHN, MICHAEL J	4241	ASST DISTRICT SUPERINTENDENT	HWI	03/08/1971	06/19/1978
AF	HDW	0000030852	BALAI, JAMES	4244	WORKING FOREMAN	HWI	02/16/1971	01/05/1981
AF	HDW	0000030982	BRIGHTER, DARRYLL E	4242	SERVICEMAN	HHL	09/30/1991	09/30/1991
AF	HDW	0000034598	EVANGELISTA, DONALD HENRY	4250	APPRENTICE LINEMAN 3	HWI	11/17/2003	11/17/2003
AF	HDW	0000030974	HO, ANGELA L	4244	WORKING FOREMAN	HWI	06/20/1989	05/14/1990
AF	HDW	0000030302	IGA, DARYL K	4245	LINEMAN, THFTR	HWI	12/21/1993	12/21/1993
AF	HDW	0000030879	JENSEN JR, ROY P	4243	SR INSPECTOR	HWI	10/08/1973	04/11/1983
AF	HDW	0000030964	KELLER, ROGER E	4254	WAREHOUSE/TOOL ROOM ATTENDANT	HWI	08/21/1989	08/21/1989
AF	HDW	0000020591	PILAYO, CHAD K	4245	LINEMAN, THFTR	HWI	02/24/1992	01/26/2004
AF	HDW	0000034652	POWELL, BRIAN	4245	LINEMAN, THFTR	HWI	02/02/2004	02/02/2004
AF	HDW	0000034367	REYNOLDS, MARTIN K T	4249	APPRENTICE LINEMAN 4	HWI	10/15/2002	10/15/2002
AF	HDW	0000031030	WALLEMAN, HAWKE	4245	LINEMAN, THFTR	HWI	08/16/1993	08/16/1993
AF	HDW	0000030998	YATES, PATRICK A	4245	LINEMAN, THFTR	HWI	07/06/1992	07/06/1992

Total Employees for DISTRIBUTION: 92

Payne, Julie

From: Lum-Bellem, Carolyn
Sent: Saturday, October 01, 2005 3:14 PM
To: Giovanni, Dan; Fujioka, Paul; Beck, Curt; Ignacio, Jay; Klein, Karie; Payne, Julie; Satake, Sandy
Cc: Chang, Michael F.; Nakano, Chris; Cummins, Tom
Subject: FW: Proposed Ellipse 6 Upgrade Labor Hours
Attachments: Ellipse6_Labor.xls

Everyone:

We were informed about this project after the budget was completed and input. The attached hours needed for this project were based on the actuals from the Ellipse Upgrade project in 2003. Tom Cummins has been working with HECO on this project. The numbers will eventually need to be planned for and input into the 2006 and 2007 Pillar files.

Thanks,
Carolyn

From: Cummins, Tom
Sent: Thursday, August 25, 2005 2:50 PM
To: Lum-Bellem, Carolyn
Subject: Proposed Ellipse 6 Upgrade Labor Hours

Carolyn, based on the actuals from the Ellipse Upgrade project in 2003, I created this spreadsheet for the Ellipse 6 upgrade labor estimate. I took out labor classes that are no longer relevant and also added the new RA's for Curt and Paul. Please review the file and give me your comments. These numbers will need to go into Pillar and will change the existing labor forecasts for '06 & '07. You will need to speak to Paul and Warren regarding this to determine when these numbers should be entered into our system. I've listed the steps that need to be performed in order to begin the process and add the Ellipse 6 upgrade project.

1. Review the attached labor estimates
2. Enter estimates into Pillar to get estimated costs
3. Create a PIA using the estimated dollar amount from Pillar
4. Get PIA approved
5. Open H project
6. Create Ellipse Project structure
7. Revise Pillar file to reflect new project numbers and any changes to estimates.

I am currently working on the non-labor portion of the estimate and will pass this on to you when it is completed.

Please let me know if you have any questions.

Prod	Ex	RA	Rt	Act	Loc	Ind	EE	Class	6-Apr	6-May
H0000547	H9P			789	HEL	NE		150 I	0	0
H0000547	HAA			788	HEL	NE		150 TC	0	0
H0000547	HAA			789	HEL	NE		150 TC	0	0
H0000547	HAA			891	HEL	NE		150 E-V	0	0
H0000547	HAA			891	HEL	NE		150 TC	16	16
H0000547	HAB			891	HEL	NE		150 TC	0	0
H0000547	HAC			788	HEL	NE		150 BUOC	0	0
H0000547	HAC			788	HEL	NE		150 TCS	0	0
H0000547	HAC			789	HEL	NE		150 BUOC	0	0
H0000547	HAC			789	HEL	NE		150 TC	0	0
H0000547	HAC			891	HEL	NE		150 BUOC	0	0
H0000547	HAC			891	HEL	NE		150 TC	0	0
H0000547	HAC			891	HEL	NE		150 TCS	2	0
H0000547	HAM			789	HEL	NE		150 TCS	0	0
H0000547	HAP			789	HEL	NE		150 TCS	0	0
H0000547	HAP			891	HEL	NE		150 TCS	2	2
H0000547	HCK			789	HEL	NE		150 BUOC	0	0
H0000547	HCK			789	HEL	NE		150 TCS	0	0
H0000547	HCK			891	HEL	NE		150 BUOC	0	0
H0000547	HCR			789	HEL	NE		150 TCS	0	0
H0000547	HCW			789	HEL	NE		150 CSM	0	0
H0000547	HCW			891	HEL	NE		150 CSM	0	0
H0000547	HDA			788	HDO	NS		150 TC	0	0
H0000547	HDA			789	HDO	NS		150 TC	0	0
H0000547	HDA			891	HDO	NS		150 TC	0	0
H0000547	HDC			788	HDO	NS		150 TCS	0	0
H0000547	HDC			788	HTO	NS		150 TCS	0	0
H0000547	HDC			789	HDO	NE		150 BUOC	0	0
H0000547	HDC			789	HDO	NS		150 TCS	0	0
H0000547	HDC			789	HDO	NE		150 TECREW	0	0
H0000547	HDC			891	HDO	NS		150 TCS	0	0
H0000547	HDH			789	HDO	NE		150 CREW	0	0
H0000547	HDH			789	HDO	NS		150 FS	0	0
H0000547	HDH			789	HDO	NS		150 TCS	0	0
H0000547	HDK			788	HED	NC		150 CREW	0	0
H0000547	HDK			789	HDO	NE		150 CREW	0	0
H0000547	HDK			789	HDO	NS		150 FS	0	0
H0000547	HDK			789	HDO	NE		150 WAREH	0	0
H0000547	HDR			788	HDO	NE		150 BUTC	0	0
H0000547	HDR			789	HDO	NE		150 BUOC	0	0
H0000547	HDR			789	HDO	NE		150 BUTC	0	0
H0000547	HDR			891	HDO	NE		150 BUTC	0	0
H0000547	HDS			788	HEL	NC		150 BUTC	0	0
H0000547	HDS			788	HEL	NC		150 TCS	0	0
H0000547	HDS			788	HEL	NC		150 WAREH	0	0
H0000547	HDS			789	HEL	NC		150 BUTC	0	0
H0000547	HDS			789	HEL	NC		150 TCS	0	0
H0000547	HDS			789	HEL	NC		150 WAREH	0	0
H0000547	HDS			891	HEL	NC		150 BUTC	0	0
H0000547	HDS			891	HEL	NC		150 TCS	0	0
H0000547	HDW			789	HDO	NE		150 CREW	0	0

H0000547	HDW	789 HDO	NS	150 TCS	0	0
H0000547	HEA	789 HEL	NS	150 E	0	0
H0000547	HEB	789 HEL	NE	150 I	0	0
H0000547	HEB	789 HEL	NE	150 TCS	0	0
H0000547	HGA	789 HPO	NS	150 E-V	0	0
H0000547	HGA	789 HPO	NS	150 TCS	0	0
H0000547	HGA	891 HPO	NE	150 BUOC	0	0
H0000547	HGA	891 HPO	NE	150 TCS	0	0
H0000547	HGA	891 HPO	NS	150 TCS	0	0
H0000547	HGT	789 HPO	NS	150 TC	0	0
H0000547	HNA	789 HEL	NE	150 E	0	0
H0000547	HNL	789 HEL	NE	150 TCS	0	0
H0000547	HNP	789 HEL	NE	150 I	0	0
H0000547	HNP	789 HEL	NE	150 TC	0	0
H0000547	HNP	891 HEL	NE	150 TC	0	0
H0000547	HNS	789 HEL	NE	150 TC	0	0
H0000547	HWA	788 HED	NC	150 TCS	0	0
H0000547	HWA	789 HED	NC	150 BUOC	0	0
H0000547	HWA	789 HED	NC	150 TCS	0	0
H0000547	HWA	789 HEL	NE	150 TCS	0	0
H0000547	HWA	891 HCE	NC	150 BUOC	0	0
H0000547	HWC	789 HCE	NC	150 CD-CE	0	0
H0000547	HWC	789 HCE	NC	150 CP-CE	0	0
H0000547	HWC	789 HED	NC	150 DP-ED	0	0
H0000547	HWC	789 HCE	NC	150 JCP-CE	0	0
H0000547	HWC	789 HCE	NC	150 PA-CE	0	0
H0000547	HWC	789 HCE	NC	150 SCP-CE	0	0
H0000547	HWC	789 HCE	NC	150 TCS	0	0
H0000547	HWK	789 HCE	NC	150 BUOC	0	0
H0000547	HWK	789 HCE	NC	150 CP	0	0
H0000547	HWK	789 HCE	NC	150 CP-CE	0	0
H0000547	HWK	789 HCE	NC	150 JCP	0	0
H0000547	HWK	789 HCE	NC	150 PA	0	0
H0000547	HWK	789 HCE	NC	150 SCP	0	0
H0000547	HWK	789 HCE	NC	150 TCS	0	0
H0000547	HWK	891 HCE	NC	150 BUOC	0	0
H0000547	HWS	789 HED	NC	150 TCS	0	0
H0000547	HWW	789 HCE	NC	150 SCP	0	0
H0000547	HWX	789 HCE	NC	150 ENG	0	0
H0000547	HWX	789 HED	NC	150 ENG	0	0
H0000547	HWX	789 HED	NC	150 SCD	0	0
H0000547	HWX	789 HED	NC	150 SCD-ED	0	0

6-Jun	6-Jul	6-Aug	6-Sep	6-Oct	6-Nov	6-Dec	7-Jan	7-Feb
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0	0	0	0	0	0	0	0	0
16	24	24	32	28	8	120	144	80
0	0	0	0	8	0	48	8	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	2	8	16	24	0
0	0	0	0	0	0	16	16	8
2	0	2	0	8	0	24	8	0
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4	4	4	4	4	4	24	56	1
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0	0	0	0	0	0	24	24	0
0	0	0	0	0	0	0	0	0

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Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
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0	0	0	20	36	0	0	0	0
0	0	0	12	9	0	0	0	0
1	0	0	0	0	0	0	0	0
136	128	48	112	112	48	16	16	16
16	1	0	0	0	0	0	0	0
0	0	0	14	0	0	0	0	0
0	0	0	17	0	0	0	0	0
0	0	0	2	4	0	0	0	0
0	0	0	2	0	0	0	0	0
8	16	40	16	0	0	0	0	0
6	0	8	6	4	0	0	0	0
8	8	24	16	6	0	2	2	2
0	0	0	2	0	0	0	0	0
0	0	0	0	3	0	0	0	0
2	8	6	0	0	1	0	0	0
0	0	0	4	0	0	0	0	0
0	0	0	20	0	0	0	0	0
0	0	16	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	4	1	0	0	0	0
0	0	16	0	0	0	0	0	0
0	0	0	0	5	0	0	0	0
0	0	0	0	4	0	0	0	0
0	0	0	4	0	0	0	0	0
0	0	0	0	12	0	0	0	0
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0	0	0	2	0	0	0	0	0
0	0	0	4	0	0	0	0	0
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16	16	40	32	0	0	0	0	0
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0	0	8	0	0	0	0	0	0
0	0	0	0	4	0	0	0	0

0	0	0	0	2	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	2	0	0	0	0	0
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0	0	9	0	0	0	0	0	0
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0	0	0	2	3	0	0	0	0
0	0	0	0	2	0	0	0	0
6	0	0	0	4	0	0	0	0
0	9	10	0	6	0	0	0	0
0	0	0	0	5	0	0	0	0
0	0	0	0	16	0	0	0	0
0	0	0	12	0	0	0	0	0
0	0	0	2	0	0	0	0	0
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0	0	0	0	4	0	0	0	0
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KRW-Dec	TOTALS
0	2
0	56
0	21
0	1
16	1108
0	81
0	14
0	17
0	6
0	2
0	130
0	62
2	110
0	2
0	3
0	126
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0	20
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0	2
0	5
0	16
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0	4
0	4
0	12
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0	4
0	23
0	32
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0	4
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0	152
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0	6
0	10
0	6
0	9
0	5
0	56
0	4

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0	2
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0	12
0	44
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0	2
0	5
0	5
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0	16
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0	4
0	4
0	4
0	4
0	4
	2567

DA

ACCT.

184.030
184.060
560.00,
568.00,
580.,590
184.060

DA-Manager																							
Enabr	2006																	1999	2000	2001	2002	2003	2004
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
				176	160	184	160	184	176	168	184	168	176	176	168	2080						
98	Holiday			8	8	0	8	8	8	8	8	8	8	24	16	112						
98	Vacation			24	0	32	0	24	0	0	24	0	0	32	24	160						
98	Sick			0	8	0	8	0	0	8	0	0	0	0	0	24						
	Balance			144	144	152	144	152	168	152	152	160	168	120	128	1784						
	CLRG	100%		144	144	152	144	152	168	152	152	160	168	120	128	1784						
	Overtime			17	17	17	17	17	17	18	18	18	18	18	18	210						
	New			32	16	32	16	32	8	16	32	8	8	56	40	296						
	Total			193	177	201	177	201	193	186	202	186	194	194	186	2290						
98		new		32	16	32	16	32	8	16	32	8	8	56	40	296						
700	Develop & Admin. Business Plans		0.12	0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	278	534.25		9	2	
701	Develop & Manage Forecasts		0.02	0.02	2	2	2	2	2	2	2	2	2	2	2	2	24	47	3	30		9	82
710	Develop & Manage Forecasts-		0.02	0.02	0	0	8	0	0	0	0	0	0	0	0	0	8	47.5	1	26			
	Sales & Load				0	0	0	0	0	0	0	0	0	0	0	0	0						
720	Improve Business Processes		0.4	0.4	6	6	6	6	6	6	6	6	6	6	6	6	72	826	61	416.5	72.5		
721	Develop Measures & Analyze Org		0.12	0.12	36	36	36	36	36	36	36	36	36	36	36	36	432	306	218.5	428.5	542	473	631.5
	Performance				0	0	0	0	0	0	0	0	0	0	0	0	0						
722	Design, Deploy & Assess Org.		0.1	0.1	69	63.5	68	68	74	69	77	37	59	69	17	48	736.5	219	434	1026	1033	1169.5	751
	Development				0	0	0	0	0	0	0	0	0	0	0	0	0						
730	Research New Technology		0.01	0.01	2	2	2	2	2	2	2	2	2	3	2	1	23	31	4	24	23.5	24	35
	Plan & Improve the Business Subtotal				115	109.5	120	114	126	135	123	83	105	115	63	93	1295.5						
735	Prepare & Support Rate Case		0.5	0	16	16	16	16	16	16	16	40	40	40	40	20	292	21	442.5				
	Filings			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Project - Paul Imputed				16	16	16	16	16	16	16	40	40	40	40	20	292						
738	Prepare & Support Other PUC			0	0	3	0	0	3	0	0	3	0	0	3	0	12		18	10.5	21		5
	Regulatory			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
745	Maintain Relations with Legislators			0	3	0	3	0	0	3	0	0	3	0	0	3	15			21	5	12.5	26.5
	and government				0	0	0	0	0	0	0	0	0	0	0	0	0						
747	Manage & Participate in			0.005	2	2	2	2	2	2	2	2	2	2	2	2	24	6		32	25.5	31.5	7
	Environmental Initiatives			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
749	Maintain Relations with Industry,		0	0	1	2	1	2	1	2	1	2	1	1	1	1	18		12.5	7.5	15.5		8.5
	Profession			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
750	Maintain Relations with Customers			0.015	3	3	3	3	3	3	3	3	3	3	3	3	36	37	19	8	64	1	17
752	Maintain Relations with Media			0	4	4	4	4	4	4	4	4	4	4	4	4	48		27.5	15	122	28.5	31
753	Maintain Relations with Community			0	0	1	0	0	1	0	0	1	0	0	1	0	4		1	5	8		13
	Manage Corporate Relations Subtotal				13	15	13	11	14	14	10	15	13	10	14	13	156						
765	Dev, Mngs & Admin Employ pol				3	3	3	3	3	3	3	3	3	3	3	3	36	9	394.5	2	39.5	46.5	65.5
																	0						
767	Develop, Manage & Admin Recruit			0.04	0	1	0	1	0	1	0	1	0	1	0	1	6	65	27.5		15		31.5
	Policies			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
777	Process Payroll		0.01	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5				
785	Plan for & determine Employee			3	0	0	0	0	0	0	0	0	0	0	0	0	0	50.5	4.5				
	Training & Development			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
786	Develop & Manage Apprenticeship			0	0	1	1	1	1	1	1	1	1	1	1	1	11				14	8.5	13
	Program			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
787	Develop Employee Training			0.01	0	0	0	0	0	0	0	0	0	0	0	0	0						
788	Conduct Employee Training			0.01	0	1	0	0	0	1	0	0	0	0	1	0	3	4		12.5			
789	Attend Training			0.05	1	1	1	1	1	1	2	2	2	2	2	2	18		219	43.5	51	15	152
795	Dev, Mgs & Admin Safety Prog & Trng				2	2	2	2	2	2	2	2	2	2	2	2	24		2	12	25.5	24	4
797	Attend Safety Training			0.01	1	1.5	2	1	1	1	2	1	1	1	1	1	14.5				12	2	
805	Manage																					3	
806	Administer & Participate in Labor			0	0	0	0	1	0	0	0	0	0	1	0	0	2		7.5	1	2	2	
	Grievances			0	0	0	0	0	0	0	0	0	0	0	0	0	0						
807	Mngs & Provide Companywide ee Comm				0	1	1	1	1	1	1	1	1	1	1	1	11	12	7	21.5	10		
	Manage Employee Relations Subtotal				7	11.5	10	11	9	11	11	11	10	12	11	11	125.5						

184.06	841	Interview & Qualify New Suppliers		0.01	2	2	2	2	2	2	2	2	2	2	2	2	2	24			11	8	28		
184.06		Contractors			0	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	843	Process Invoices & Other Payments	0.01		1	0	1	0	1	0	1	0	1	0	1	0	0	6		1		4	4		
184.06	844	Prepare & Manage Contracts for			0	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06		Services &			0	0	0	0	0	0	0	0	0	0	0	0	0	0		4					
184.06	877	Comply Ongoing -Solid & Haz Waste, Oil Related				2	2	2	2	2	2	2	14	2	2	2	2	36			19	20	12	47	
184.06	891	Ellipse				0	0	0	0	0	0							0	102		90.5				
		Manage Materials & Outside Services				5	4	5	4	5	4	5	18	5	4	5	4	68							
	931																								
184.06	932	Repair of Buildings and Grounds																			2		2		
184.06	933	Provide & Manage -Security				1	1	1	1	1	1	1	1	1	1	1	1	12			22	2	11	105	
184.06	950	Provide & Mge Risk Mgmt Svcs-Liability	0.04	0.04		4	4	4	4	4	4	4	4	4	4	4	4	48	182		2	5	47	37	
184.06	953	Provide & Mge Risk Mgmt Svcs-Workmp				0	0	0	0	0	0	0	0	0	0	0	0	0	36						
		Manage Risks & Loss Control Programs				5	5	5	5	5	5	5	5	5	5	5	5	60							
184.06	965	Provide Records Management Services		0		0	0	0	0	0	0	0	0	0	0	0	0	0							
		Provide Document Services Subtotal				0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	320	Manage Transmission Construction	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06		Projects		0		0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	327	Read analyze & Test Tr Data Recording Eq																							
184.06	331	Operate Trans Facilities - OH Line																							
184.06	344	Maint Trans Oh Line - Corrective																			0				
		Plan, Engineer, Design & Construct Trans.				0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	355	Perform Vegetation Management		0.01		0	0	0	0	0	0	0	0	0	0	0	0	0		7.5					
184.06	364	Make Emergency		0		0	0	0	0	0	0	0	0	0	0	0	0	0					15.5	3	
		Operate & Maintain Trans Facilities				0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	400	Perform Distribution Planning Studies		0		0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	401	Perform Reliability Distribution Studies																							
184.06	408	Manage Distribution Projects	0.03	0.03		0	0	0	0	0	0	0	0	0	0	0	0	0	58						
		Plan, Engineer, Design & Construct Dist.				0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	457	Read analyze & Test Dist Data Record Eq																							
184.06	473	Maint Dist Oh Line																				12			
184.06	484	Maint Dist Ug Line Transformer-Corr																							
184.06	494	Perform Distribution Vegetation		0.01		0	0	0	0	0	0	0	0	0	0	0	0	0				8			
184.06		Management		0		0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	507	Storm				0	0	0	0	0	0	0	0	0	0	0	0	0					14.5	2	
		Operate & Maintain Distr. Facilities				0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	112	Develop & Manage Customer	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0		1			4		
		Relationships		0		0	0	0	0	0	0	0	0	0	0	0	0	0							
		Develop Business-Regulated				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
		TOTAL	1.38	4.04		193	177	201	177	201	193	186	202	186	194	194	186	2290	2319	2451.25	2289	2172	2010	2003	
						0	0	0	0	0	0	0	0	0	0	0	0	0							

DA

Account	DA-ARBORIST	year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded	2002 Recorded	2003 Recorded	2004 Recorded
	TC																				
		Holiday	176	160	164	160	184	176	168	184	168	176	176	168	2080						
		Vacation	8	8	0	8	8	8	8	8	8	8	24	16	112						
		Sick	40	0	24	0	0	16	0	0	24	0	0	16	120						
		Balance	0	8	0	8	0	0	0	0	0	0	8	0	24						
			128	144	160	144	176	152	160	176	136	168	144	136	1824						
		O&M 100%	128	144	160	144	176	152	160	176	136	168	144	136	1824						
		OT	12	12	12	12	12	12	12	12	12	12	12	12	144						
		npw	48	16	24	16	8	24	8	8	32	8	32	32	256						
		TOTAL	188	172	196	172	196	188	180	196	180	188	188	180	2224						
		CAPITAL 0%													0						
184.03	98	npw	48	16	24	16	8	24	8	8	32	8	32	32	256						
184.06	600	Respond To Cust Inquiries & Svc Req																			
																	18.5				
184.06	700	Develop & Admin. Business Plans			0	0			0			0		0	0						
184.06	701	Develop & Manage Forecasts					0		0			0	0		0		40				
184.06	720	Improve Business Processes			0	0			0			0			0						
184.06	721	Develop Measures & Analyze Org							0			0			0						
184.06		Performance													0						
184.06	722	Design, Deploy & Assess Org	0	4.5	10	19	20	11	10	18	3	19	0	0	114.5					0	75.25
184.06		Development													0						
184.06		Plan & Improve the Business	0	4.5	10	19	20	11	10	18	3	19	0	0	114.5						
184.06																					
184.06	749	Maintain Relations with Industry,	0	10	10	10	17	10	18	15	10	10	9	1	120				139	103	101
184.06		Profession													0						
184.06	750	Maintain Relations with Customers	18	18	19	19	19	19	19	19	19	19	19	19	226				256	226.5	347.5
184.06	753	Maintain Relations with Community	30	30	30	30	30	30	30	30	30	30	30	30	360				272	362	232.25
184.06	760	Coord, Conduct & Assist with													0						
184.06		Audit- Internal													0						
184.06	761	Coord, Conduct & Assist with													0						
184.06		Audit- External													0						
184.06		Manage Corporate Relations	48	58	59	59	66	58	47	64	59	59	58	50	706						
184.06																					
184.06	765																				0.75
184.06	767	Develop, Manage & Admin Recruit													0						
184.06		Policies													0						
184.06	777	Process Payroll													0					8	12.5
184.06	785	Plan for & determine Employee	0												0						
184.06		Training & Development													0						
184.06	787	Develop Employee Training													0						
184.06	788	Conduct Employee Training													0					5	
184.06	789	Attend Training	1	1	1	1	1	1	2	2	2	2	2	2	18			PROJECT	58	67.5	83.25
184.06	795	Dev, Mgt, & Admin Safety Prog & Training	4	4	4	4	4	4	4	4	4	4	4	4	48				91	54	54.5
184.06	797	Attend Safety Training	1	1.5	2	1	1	1	2	1	1	1	1	1	14.5			PROJECT	2		1
184.06		Manage Employee Relations	6	6.5	7	6	6	6	8	7	7	7	7	7	80.5						
184.06	807	Manage																		5.5	1
184.06	836																				96
184.06	842	Order Mats.																		0	
184.06	843	Process Invoices & Other Payments	22	22	31	7	31	23	22	22	14	30	14	14	252	349.5	269	214	262	275.75	366.5
184.06	844	Prepare & Manage Contracts for	3	4	4	4	4	4	4	4	4	4	4	4	47	55	55	125	110.5	49	0
184.06	877	Comply								12				12	24					25.75	104.75
184.06	891	Develop													0					5	
184.06		Manage Materials & Outside Materials	25	26	35	11	35	27	26	34	18	34	16	38	323						
184.06																					
184.06	327	Read, analyze & test Tr Data Recording Eq																	1	2	
184.06	347																				4.75
568	355	Perform Vegetation Management	20	20	20	20	20	20	20	20	20	20	20	20	240	646.5	378.5	305.5	208.5	223.5	249
184.06	364	Make Emerg																		2.17	
		Transmission													0						
		Operate & Maintain Trans Facilities	20	20	20	20	20	20	20	20	20	20	20	20	240						
590.0	494	Perform Distribution Vegetation	41	41	41	41	41	41	41	41	41	41	41	41	492	947	819.5	914	557	421	514
		Management													0						
184.06	507	Storm											12		12					11.33	59.5
		Operate & Maintain Dist. Facilities	41	41	41	41	41	41	41	41	41	41	53	41	494						
															0						
		TOTAL	188	172	196	172	196	188	180	196	180	188	188	180	2224	1996	1578.5	1558.5	1957	1847	2303.5
			0	0	0	0	0	0	0	0	0	0	0	0	0						

DA

Account	DA-ADMINISTRATOR 2088 hours																							
	TC		Year 2006		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT				ACT 2002	ACT 2003	ACT 2004
					176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday			8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation			0	0	40	0	0	0	40	0	0	0	0	40	120						
		Sick			8	8	0	0	0	0	8	0	0	0	0	8	32						
		Balance			160	144	144	152	176	168	112	176	160	168	152	104	1816						
		O&M	100%		160	144	144	152	176	168	112	176	160	168	152	104	1816						
			npw		16	16	40	8	8	8	56	8	8	8	24	64	264						
			total		176	160	184	160	184	176	168	184	168	176	176	168	2080						
		CAPITAL	0%														0						
184.03	98	npw			16	16	40	8	8	8	56	8	8	8	24	64	264						
184.06	455	Dev & Maint Dist Oper Insp & Maint Proced			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	456	Compile & Update Dist Maps & Prints			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	507	Make Emerg													4		4					4	
184.06	722	Design, Develop			14	14	14	14	14	14	14	14	14	14	14	14	168					162.25	
184.06	753	Maintain Relations with Community			1	1	1	1	1	1	1	1	1	1	1	1	12				27	7.5	
184.06	765	Dev, Mge & Admin Empl Pract & Proced																			1		
184.06	777	Process Payroll		0.05	0	1	0	1	0	1	0	1	0	1	0	1	6				14.75	6.25	
184.06	786	Mge & Admin Apprenticeship Prog																			1.5		
184.06	789	Attend Training			1	1	1	1	1	1	2	2	2	2	2	2	18				29.5	2	
184.06	797	Attend Safety Training		0.05	1	1.5	2	1	1	1	2	1	1	1	1	1	14.5				3	0.75	
		Manage Employee Relations			17	18.5	18	18	17	18	19	19	18	18	22	19	222.5						
184.06	607	Mge & Provide Companywide Emp Comm			1	1	1	1	1	1	1	1	1	1	1	1	12				10.75	13.5	
184.06	842	Order Materials, Eq , Supplies and		0.1	29	29	29	29	29	29	29	29	29	29	29	29	348				25	343.5	71.75
184.06		Services			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	843	Process Invoices & Other Payments		0.1	14	14	14	14	14	14	14	14	14	14	14	14	168				34.5	16.75	366.5
184.06	844	Prepare & Manage Contracts for			0	0	0	0	0	0	0	0	0	0	0	0	0						277
184.06		Services & Materials			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	891	Elipse											0	0			0						
		Manage Materials & Outside Services			44	44	44	44	44	44	44	44	44	44	44	44	528						
184.06	966	Mail			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	965	Provide Records Management Services		0.7	56	56	56	56	56	56	49	56	56	56	56	41	650				924.75	773	684.5
184.06	967	Provide Printing Services			0	0	0	0	0	0	0	0	0	0	0	0	0				6		
184.06	968	Provide Word Processing			43	25.5	26	34	59	50	0	57	42	49	30	0	415.5				298.75	401.75	322
		Provide Document Services			99	81.5	82	90	115	106	49	113	98	105	86	41	1065.5						
184.06	700	Develop & Administer Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	0				97.75		
184.06	701	Develop & Manage Forecasts			0	0	0	0	0	0	0	0	0	0	0	0	0				187.5		
184.06	720	Improve Business Processes			0	0	0	0	0	0	0	0	0	0	0	0	0				21		
184.06	721	Develop Measures & Analyze Org Perform			0	0	0	0	0	0	0	0	0	0	0	0	0				24.5		
184.06	722	Design, Deploy & Assess Org Develop			0	0	0	0	0	0	0	0	0	0	0	0	0				84.75		
184.06	723	Manage & Admin Incentive & Recog Prog																			1		
		TOTAL		1	176	160	184	160	184	176	168	184	168	176	176	168	2080	0	0	0	1793	1731.25	1121.75
					0	0	0	0	0	0	0	0	0	0	0	0	0						

DA

Account	DA-STAFF ENGINEER																			
	TC		2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded
				176	160	184	160	184	176	168	184	168	176	176	168	2080			
		Holiday		8	8	0	8	8	8	8	8	0	8	24	16	112			
		Vacation		0	0	0	0	0	0	40	0		0	0	40	80			
		Sick		0	8	0	0	0	0	8	0	0	0	8	0	24			
		Balance		168	144	184	152	176	168	112	176	160	168	144	112	1864			
		OT		10	10	10	10	10	10	10	10	10	10	10	10	120			
		Balance		178	154	194	162	186	178	122	186	170	178	154	122	1984			
		CLRG	100%	178	154	194	162	186	178	122	186	170	178	154	122	1984			
			hpw	8	16	0	8	8	8	56	8	8	8	32	56	216			
			total	186	170	194	170	194	186	178	194	178	186	186	178	2200			
		CAPITAL	0%	0	0	0	0	0	0	0	0	0	0	0	0	0			
			Balance	186	170	194	170	194	186	178	194	178	186	186	178	2200			
184.03	98		hpw	8	16	0	8	8	8	56	8	8	8	32	56	216			
184.06	320	Manage Trans Construction		0	1	1	0	0	1	0	1	1	0	1	0	8	8	3	
184.06	325	Dev & Maint Tr Oper, Ins															16	64.5	
184.06	327	Read Analyze and Test Transmission		18	18	18	18	24	18	16	16	18	16	18	10	194	195	294	39
184.06	331	Operate Trans Facilities															10	75	23
184.06	344	Maintain Transmission OH Line-Corr															2		
184.06	353	Perform Trans Vegetation Mgmt																	
184.06	364	Make Emergency Trans OH Lines-Storm																10	
184.06	400	Perform Distribution Planning Studies		20	20	20	20	30	18	18	25	20	20	20	10	242	226	348.5	8
184.06	401	Perform Reliability Distribution		12	12	12	12	12	12	12	12	12	12	12	12	144	122.5	231	8
184.06	408	Manage Dist Projects															8		
184.06	429	Engr & Design Rep/UG															93		
184.06	441	Install New Res Facilities															30		
184.06	455	Dev & Maint Dist Oper, Insp		2	2	2	2	2	2	2	2	2	2	2	2	24	20	7.5	
184.06	456	Compile & update Distr Maps & Prints															4		
184.06	457	Read Analyze and Test Transmission		20	20	28	23	23	17	11	30	20	38	12	10	252	217	302.5	61
184.06	481	Operate Dist Facilities															15	18	
184.06	465	Operate Dist Facilities- Substation															4		
184.06	472	Test, Restore and Replace Distribution		1	1	1	1	1	1	1	1	1	1	1	1	12	10.5		
184.06	473	Maint Distribution OH Lines- Preventive															10		
184.06	475	Maintain Distribution Overhead		1	1	1	1	1	1	1	1	1	1	1	1	12	65.5	11.5	
184.06	479	Maintain Distribution Overhead Line		0	1	1	0	1	1	0	1	1	0	1	1	8	6		
184.06	481	Maintain Distribution Overhead Line Tr		1	0	1	1	0	1	1	0	1	1	0	1	8	10		
184.06	484	Maint Dist Ug Line Transformers- Corr																	3
186.0	500	Make Emergency Distribution OH Line		1	0	1	0	1	0	1	0	1	0	1	0	6	8	3	
184.06	507	Make Emergency Distribution OH Line															2.5	6	
				74	74	84	75	95	71	63	89	76	91	67	46	904			
184.06	700	Develop & Admin. Business Plans	0.1	29	0	0	9	0	0	0	0	0	0	0	0	38			16
184.06	701	Develop & Manage Forecasts	0	0	0	0	0	0	0	0	0	0	0	0	0	0			2.5
184.06	710	Develop & Manage Forecasts-	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Sales & Load		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	720	Improve Business Processes	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	102.5	287.5	67
184.06	721	Develop Measures & Analyze Org	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0		14	2
		Performance		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	722	Design, Deploy & Assess Org	0.05	2	5.5	26	20	10	26	0	22	27	5	13	3	159.5	126	66	71.5
		Development		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	730	Research New Technology	0.1	1	1	1	1	1	1	1	1	1	1	1	1	12	2	4	7
		Plan & Improve the Business		32	6.5	27	39	11	27	1	23	28	6	14	4	209.5			
184.06	735	Prepare & Support Rate Case		0	0	0	0	0	0	0	0	0	0	0	0	0		5	
184.06		Filings		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	738	Prepare & Support Other PUC		0	0	0	0	0	0	0	0	0	0	0	0	0	11		
184.06		Regulatory		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	745	Maintain Relations with Legislators		0	0	1	0	0	0	1	0	0	0	1	0	3		8	
184.06		and government		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	747	Manage & Participate in	0.05	2	2	2	2	2	2	2	2	2	2	2	2	24	28.5		
184.06		Environmental Intiatives		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	749	Maintain Relations with Industry,		12	12	12	12	12	12	12	12	12	12	12	12	144	68	183.5	150
184.06		Profession		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	750	Maintain Relations with Customers	0.01	17	17	17	17	17	17	17	17	17	17	17	17	204	19	187.5	205
184.06	752	Maintain Relations with Media		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	753	Maintain Relations with Community		20	20	28	4	28	20	0	20	12	28	12	12	204	104	217.5	235
184.06	760	Coord, Conduct & Assist with		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06		Audit- Internal		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	761	Coord, Conduct & Assist with		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06		Audit- External		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Manage Corporate Relations		51	61	69	36	59	61	32	51	43	59	44	43	679			

DA

184.06	767	Develop, Manage & Admin Recruit			0	0	1	0	0	1	0	0	1	0	0	1	4	4	8					
184.06		Policies			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	777	Process Payroll	0.01		1	1	1	1	1	1	1	1	1	1	1	1	12	0						
184.06	785	Plan for & determine Employee	0.05		0	0	0	0	0	0	0	0	0	0	0	0	0	0		2				
184.06		Training & Development			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	787	Develop Employee Training	0.05		0	0	0	0	0	0	0	0	0	0	0	0	0		5					
184.06	788	Conduct Employee Training	0.05		0	0	0	0	0	5	0	0	0	0	5	0	10	8	19					
184.06	789	Attend Training	0.05		1	1	2	2	2	2	2	2	2	2	2	2	22	212	164.5	74				
184.06	797	Attend Safety Training	0.05		1	1.5	2	1	1	1	2	1	1	1	1	1	14.5	14	9.5					
184.06	795	Dev Mngs & Conduct			3	3	3	3	3	3	3	3	3	3	3	3	36	14.5	25.5	40.5				
184.06																	0							
184.06	805	Negotiate Bargaining Unit & Other			0	0	0	0	0	0	0	0	0	0	0	0	0			2				
184.06		Labor			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	806	Administer & Participate in Labor			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06		Grievances			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	807	Manage & Provide Companywide			0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06		Employee			0	0	0	0	0	0	0	0	0	0	0	0	0							
		Manage Employee Relations			6	8.5	9	7	7	13	8	7	8	7	12	8	98.5							
184.06	841	Interview & Qualify New Suppliers	0.03		3	3	3	3	3	3	3	3	3	3	3	3	36	98	45					
		Contractors			0	0	0	0	0	0	0	0	0	0	0	0	0							
		Manage Materials & Outside Services			3	3	3	3	3	3	3	3	3	3	3	3	36							
184.06	899	Maintain Applications																263	8.5					
184.06	901	Provide IT Cust Ass.																2						
184.06	950	Provide & Mngs Risk Mgmt - Genl liability	0.1		12	13	11	11	11	13	15	13	12	12	14	16	153	243	135	18				
		Manage Risks & Loss Control Programs			12	13	11	11	11	13	16	13	12	12	14	16	153							
184.06	112	Dev & Mge Customer Relationships																	16					
		TOTAL	1	0	186	170	194	170	194	186	178	194	178	186	186	178	2200							
					0	0	0	0	0	0	0	0	0	0	0	0	0							

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

ACCOUNT CODE BALANCES

Account From		Account To			
Description					
Period From	01/04	Period To	12/04	Format	HOT
Account Level	00	No of Levels	00	Budget	
GL Account Stat		Plan Account Stat			

Summary

		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDA098HZLNCNHDZZZZZ107	0.00	0	0.00	0
2*	HDA098HZLNDNHZZZZZZ107	23091.23	635	23091.23	635
Total		23091.23	635	23091.23	635

VAC 480
SICK 104
HOL 449
TOT 1032 *

1 new employee

Item Action

Date Printed	23 May 2005 09:55:00
Userid	jpayne
Program Name	meq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Wincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

DC

Account	DC-CLERK																	1999	2000	2001	2002	2003	2004
	BU-OC		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
				176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		24	0	0	0	32	0	24	8	8	40	8	16	160						
		Sick		29	29	29	29	29	29	29	29	29	29	30	30	350						
		Balance		115	123	155	123	115	139	107	139	123	99	114	106	1458						
		CLRG	100%	115	123	155	123	115	139	107	139	123	99	114	106	1458						
			npw	61	37	29	37	69	37	61	45	45	77	62	62	622						
			ot	3	0	0	3	0	0	3	0	0	3	0	0	12						
			total	179	160	184	163	184	176	171	184	168	179	176	168	2092						
		CAPITAL	0%													0						
184.03	98		npw	61	37	29	37	69	37	61	45	45	77	62	62	622						
184.06	720	Improve Business Process		0	0	0	0	0	0	0	0	0	0	0	0	0	32					
184.06	722	Design, Deploy & Assess		1	1	1	1	1	1	1	1	1	1	1	1	12	7					
184.06	750	Maint Relations with Customers																		1		
184.06	753	Maintain Relations with															11					
184.06	777	Process Payroll		16	16	16	16	16	16	16	16	16	16	16	16	192	263	192	192	182	189	185
184.06	785																					3
184.06	788	Manage & Admin Apprenticeship Prog																		2		
184.06	789	Attend Training		0	0	1	1	1	1	1	1	1	1	1	1	10	11.5	14.5	2.5	12	4.5	7.5
184.06	797	Attend Safety Training		1	2	1	1	1	3	3	3	3	3	3	3	27	6.5	20.5	3	1	1	1
		Manage Employee Relations		18	19	19	19	19	21	21	21	21	21	21	21	241						
184.06	805	Order Materials, Eq., Supplies and																			2	
184.06	807	Manage & Provide Comm															1					
184.06	841	Interview & Qual New Suppl/Contr/Consult																	4			
184.06	842	Order Materials, Eq., Supplies and		5	5	5	5	5	5	5	5	5	5	5	5	60	257.5	107.5	105.5	80	62.5	121.5
184.06		Services														0						
184.06	843	Process Invoices & Other Payments		10	10	10	10	10	10	10	10	10	10	10	10	120	173.25	58	72	88	75	104.5
184.06	844	Prepare & Manage Contracts for		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Services & Materials														0						
184.06	877	Comply														0					15.5	6.5
184.06	899	Maintain Applications														0	2.5	6				
		Manage Materials & Outside Services		15	15	15	15	15	15	15	15	15	15	15	15	180						
184.06	966	Provide Word Processing Services		50	50	50	50	50	50	50	50	50	50	50	50	600	559.25	825.58	839	752	609.75	689.25
184.06	967	Provide Printing Services		2	2	2	2	2	2	2	2	2	2	2	2	24	164	147	150	59.5	43	17
184.06	968	Handle & Deliver Mail		19	18	19	19	17	19	14	19	19	9	2	6	180	180.5	183	186	183	190	182.25
184.06	965	Provide Records Management Services		0	0	0	0	0	0	0	0	0	0	0	0	0		4	6	47		
		Provide Document Services		71	70	71	71	69	71	66	71	71	61	54	58	804						
184.06	877	Comply w/ongoing permits and/or reg-al		0	0	0	0	0	0	0	0	0	0	0	0	0				13		
		Manage Environmental Compliance		0	0	0	0	0	0	0	0	0	0	0	0	0						

DC

184.06	325	Develop & Maintain Trans Operating,		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Inspection & Maintenance Proced																				
184.06	326																					1
184.06	333	Operate Transmission Facilities Subst.		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	348	Maint Subst Trans Equip- Prev		7	7	7	7	3	8	8	8	8	0	7	7	77				16	136	83.5
184.06	354	Maintain Transmission SCADA		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Equipment-Preventative														0						
184.06	366	Make Emergency Subst Trans Equip-Storm																7.5		10		
		Operate & Maintain Trans Facilities		7	7	7	7	3	8	8	8	8	0	7	7	77						
184.06	455	Develop & Maintain Distribution		0	0	0	0	0	0	0	0	0	0	0	0	0				4.5		
184.06		Operating, Insp & Maint Proced														0						
184.06	462	Operate Dist Facilities - UG Line														0		1				
184.06	472	Test, Restore, & Repl Dist Primary Cable																		1		
184.06	485	Maint Substation Dist Equip - Prev		6	12	43	14	8	24	0	24	7	5	5	3	151				15	161	67.5
184.06	507	Make Emerg Dist OH Line												12		12	3.5				12.92	70.5
184.06	509	Make Emerg Dist Equip Rep-Storm													1	1		7	9			
184.06	511																					12.5
		Operate & Maintain Distr. Facilities	0	6	12	43	14	8	24	0	24	7	5	17	4	164						
184.06	600	Respond to Customer Inquiries & Service		1	0	0	0	1	0	0	0	1	0	0	1	4	2.25					
184.06		Requests														0						
184.06	603	Maintain Meter Information Records		0	0	0	0	0	0	0	0	0	0	0	0	0	75					
184.06	612																					1
		Provide Customer Service-Regulated		1	0	0	0	1	0	0	0	1	0	0	1	4						
		TOTAL		179	160	184	163	184	176	171	184	188	179	176	168	2092	1749.75	1573.58	1569	1487	1502.17	1533.5
				0	0	0	0	0	0	0	0	0	0	0	0	0						

DC

Account	DC-SUPERINTENDENT																					
			2500 hours															1999	2000	2001	2002	2003	2004
	Facsup		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
				176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		16	0	0	16	0	0	0	16	0	24	8	40	120						
		Sick		5	5	5	5	5	5	5	5	6	6	6	6	64						
		Balance		147	147	179	131	171	163	155	155	154	138	138	106	1784						
		O&M	100%	147	147	179	131	171	163	155	155	154	138	138	106	1784						
		OT		10	10	10	10	10	10	10	10	10	10	10	10	120						
			npw	29	13	5	29	13	13	13	29	14	38	38	62	296						
			TOTAL	186	170	194	170	194	186	178	194	178	186	186	178	2200						
		CAPITAL	0%													0						
184.03	98		npw	29	13	5	29	13	13	13	29	14	38	38	62	296						
184.06	601	Perform Meter Service															6.5					
184.06	603	Maintain Meter Information															35					
184.06	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0		8				
184.06	701	Develop & Manage Forecasts		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	720	Improve Business Processes		0	0	0	0	0	0	0	0	0	0	0	0	0	753	661.5				
184.06	721	Develop Measures & Analyze Org.		30	30	30	30	30	30	30	30	30	30	30	30	360	244.5	544		456	498	1093
184.06		Performance													0	0						
184.06	722	Design, Deploy & Assess Org		0	0	0	0	0	0	0	0	0	0	0	0	0	189.5	296		25	10	
		Development														0						
		Plan & Improve the Business		30	30	30	30	30	30	30	30	30	30	30	30	360						
184.06	735	Prepare & Support Rate Case		8	8	8	8	8	8	8	8	8	8	8	0	88		7				
		Filings														0						
		Rate Case Project- Paul Inputted		8	8	8	8	8	8	8	8	8	8	8	0	88						
184.06	738	Prepare & Support Other PUC		0	0	0	0	0	0	0	0	0	0	0	0	0				2		
		Regulatory														0						
184.06	747	Mngt & Participate in Environmental														0	11.5					
																0						
184.06	749	Maintain Relations with Industry,		0	0	0	0	0	0	0	0	0	0	0	0	0		25				
		Profession . .														0						
184.06	750	Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	753	Maint Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24			16			32
		Manage Corporate Relations		2	2	2	2	2	2	2	2	2	2	2	2	24						
184.06	767	Develop, Manage & Admin Recruit		4	4	4	4	4	4	4	4	4	4	4	4	48		9	97.5		48	56
		Policies														0						
184.06	777	Process Payroll		1	0	1	0	1	0	1	0	1	0	1	0	6	159.5	206		20		
184.06	785	Plan for & determine Employee		0	0	1	0	0	1	0	0	1	0	0	1	4		22				
		Training & Development														0						
184.06	786	Manage & Administer Apprenticeship		0	0	0	0	0	0	0	0	0	0	0	0	0						
		Program														0						
184.06	787	Develop Employee Training		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	788	Conduct Employee Training		3	3	3	3	3	3	3	3	3	3	3	3	36		13	135.5	2		
184.06	789	Attend Training		2	3	3	3	3	3	3	3	3	3	3	3	35	67.5	8.5	18	30	32	
184.06	795	Dev, Mngt & Admin Safety Prog & Trng																11		7		
184.06	797	Attend Safety Training		3	3	3	3	4	4	4	4	4	4	4	4	44	6.5		12	4		
184.06	806	Administer & Participate in Labor														0			2			
		Grievances														0						
184.06	807	Manage & Provide Companywide		0	0	0	0	0	0	0	0	0	0	0	0	0						
		Employee Communications														0						

DC

		Manage Employee Relations	13	13	15	13	15	15	15	14	16	14	15	15	173						
184.06	841	Interview & Qualify New Suppliers	1	1	1	1	1	1	1	1	2	1	1	1	13			2			
		Contractors													0						
184.06	842	Order Materials, Eq., Supplies and	0	1	0	1	0	1	0	1	0	1	0	1	6	107.5	10	5			
		Services													0						
184.06	843	Process Invoices & Other Payments	1	1	1	1	1	1	1	1	1	1	1	1	12	346	218.5	18		5	
184.06	844	Prepare & Manage Contracts for	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Services & Materials													0						
184.06	877	Comply Ongoing Solid & Haz Waste	10	10	10	10	10	10	10	10	10	10	10	10	120		23	88.5	180	34	
184.06	899	Maintain Applications													0	107.5	4				
		Manage Materials & Outside Services	12	13	12	13	12	13	12	13	13	13	12	13	151						
184.06	916	Operate System & Equip-	0	0	0	0	0	0	0	0	0	0	0	0	0	32.5	400				
		Telecommunications													0						
184.06	917	Operate System & Equip-	0	0	0	0	0	0	0	0	0	0	0	0	0	20					
184.06	932																			0	3
184.06	933	Provide & Mge Services- Security													0			3			
184.06	950	Provide & Mge Risk Mgmt services - Liability	5	5	5	5	5	5	5	5	5	5	5	5	60			113.5	0.5	66	
184.06	965	Provide Records Mgmt Services															2				
		Manage Information Technology Res.	5	5	5	5	5	5	5	5	5	5	5	5	68						
184.06	325	Dev & Maint Tr Oper, Insp & Maint Proced													0			8			
184.06	327	Read, analyze & Test Tr Data Record Equip	14	14	14	14	14	14	14	14	14	14	14	14	168			72.5	209	168	42
184.06	331	Operate Trans Facilities - Oh Line	1	1	1	1	1	1	1	1	1	1	1	1	12			15			
184.06	333	Operate Transmission Facilities	24	24	24	24	24	24	24	24	24	24	24	24	288				254	373	201
		Substation													0						
184.06	345	Maint Trans UG Line - Prev																3			
184.06	348	Maintain Substation Transmission	2	2	2	2	2	2	2	2	2	2	2	2	24	1.5	12			24	48
		Equipment - Preventative													0						
184.06	350	Maintain Substation Transmission	0	0	0	0	0	0	0	0	0	0	0	0	0				35	32	2
		Equipment - Corrective													0						
184.06	351	Maint Subst																		14	84
184.06	354	Maintain Transmission SCADA system	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	368	Make Emergency Subst Trans Rprs-Storm											10	0	10		5.5			10	
184.06	376	Dispatch & Monitor Generation,	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Transmission SCADA resources													0						
184.06	377	Dispatch & Monitor Generation	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Distribution SCADA resources													0						
		Operate & Maintain Trans. Facilities	41	41	41	41	41	41	41	41	41	41	51	41	502						

DC

184.06	400	Perform Dist Planning Studies	2	2	2	2	2	2	2	2	2	2	2	2	24			34			
184.06	401	Perform Reliability Dist Studies	2	2	2	2	2	2	2	2	2	2	2	2	24			31			
184.06	455	Dev & Maint Dist Oper, Insp & Maint Proced																	14		24
184.06	456	Compile & Update Dist Maps & Prints													0			5.5			
184.06	457	Read, analyze & Test Dist Data Record Equip	15	15	15	15	15	15	15	15	15	15	15	6	171			245	331	189	62
184.06	463	Operate Distribution Facilities -	10	10	10	10	10	10	10	10	10	10	6	0	106	6		56	31	112	75
		Substation													0						
184.06	465	Test In-Service Revenue Meters & Rel Equip	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5					
184.06	472	Test, Restore & Repl Dist Primary Cable													0						
184.06	473	Maint Dist OH Lines - Prev													0				4		
184.06	475	Maint Dist Oh Line - Corr													0			15			
184.06	478																				16
184.06	481	Maint Dist OH Line Tr													0	19.5					
184.06	485	Maintain Substation Distribution Equip	15	14	45	0	37	28	21	21	18	4	0	0	203	1	19		20	162	102
		Preventative													0						
184.06	487	Maintain Substation Distribution Equip	0	0	0	0	0	0	0	0	0	0	0	0	0	9				18	
184.06	488	Maint Subst	2	2	2	0	2	2	2	2	2	2	0	0	18					22	
184.06	509	Make Emergency Subst Dist Equip Rep-Storm											0		0		14			11	
184.06	600	Respond to Cust Inquiries & Svc Requests															12	4	14		
184.06	601	Perform Meter Service Work															36				
		Operate & Maintain Dist. Facilities	46	45	78	29	68	59	52	52	49	35	25	10	546						
		Total	186	170	194	170	194	186	178	194	178	186	166	178	2200	2124.5	2565	996	1638.5	1828	1642
			0	0	0	0	0	0	0	0	0	0	0	0	0						

DC

Account	DC-ASST. SUPERINTENDENT																				
		KWDO	Year 2006																		
	TCS			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT			2001 Recorded	2002 Recorded	2003 Recorded	2004 Recorded
				352	320	368	320	368	352	336	368	336	352	352	336	4160						
		Holiday		16	16	0	16	16	16	16	16	16	16	48	32	224						
		Vacation		16	16	16	16	17	17	17	17	17	17	17	17	200						
		Sick		4	4	4	4	4	4	4	4	4	4	4	4	48						
		Balance		316	284	348	284	331	315	299	331	299	315	283	283	3888						
		OT	OT	20	20	20	20	20	20	20	20	20	20	20	20	240						
		Balance		336	304	368	304	351	335	319	351	319	335	303	303	3928						
		CLRG	95%	319	289	350	289	333	319	303	333	303	319	289	288	3732						
			NPW	36	36	20	36	37	37	37	37	37	37	69	53	472						
			TOTAL	355	325	370	325	370	356	340	370	340	356	357	341	4203						
		CAPITAL	5%	17	15	18	15	18	17	16	18	16	17	15	15	196						
184.03	98		npw	36	36	29	36	37	37	37	37	37	37	69	53	472						
184.06	701	Dev & Mgo Forecasts																		24		
184.06	720	Dev Measures & Analyze Org Perform		42	42	42	42	42	42	42	42	42	42	42	42	504				487	508	
184.06	722			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	731	Dev & Demonstrate New Technology														0				4		
184.06	749	Maint Relations																			4	
184.06	750	Maint Relations with Customers		2	2	2	2	2	2	2	2	2	2	2	2	24				16		
184.06	753	Maint Relations with Community		1	1	1	1	1	1	1	1	1	1	1	1	12				17		
184.06	767	Dev, Mgo & Admin Recruit Pol, Prac, & Proc		1	1	1	1	1	1	1	1	1	1	1	1	12				10	0	
184.06	785	Plan for Deter emp Training & Dev Needs														0				0		
184.06	786	Mgo & Admin Apprenticeship Prg		1		1		1		1		1		1		6				0	48	
184.06	788	Conduct Employee Training																	2		14	
184.06	789	Attend Training		4	4	4	4	4	4	5	5	5	5	5	5	54	23.5	110	45	44	52	
184.06	795	Dev Mgo & Admin Safety Training Prog		1	1	1	1	1	1	1	1	1	1	1	1	12				12	12	
184.06	797	Attend Safety Training		6	6	16	6	6	6	6	7	7	7	7	7	89	10	10		20.5	1	
		Manage Employee Relations		58	59	68	57	58	57	58	59	60	59	60	69	713						
184.06	806																					18
184.06	838																					20
184.06	842	Order Materials, Eq., Supplies and Services		1	1	1	1	1	1	1	1	1	1	1	1	12	2.5	0		0		
																0						
184.06	843	Process Invoices & Other Payments		1	1	1	1	1	1	1	1	1	1	1	1	12	3.5	13				
184.06	844	Prep & Mgo Contracts for services & Mats														0				2		
184.06	877	Comply Ongoing - Solid & Haz Waste, Oil Rel		27	27	27	27	27	27	27	27	27	27	27	27	324			0	415	400	329.5
184.06	878	Comply Ongoing - Solid & Haz Waste, Non-Oil		7	7	7	7	7	7	7	7	7	7	7	7	84				24	12	66.5
184.06	891	Dev, Computer Applic System - Telecom														0				0	32	
184.06	896	Maintain Applications															87.75	0				
		Manage Materials & Outside Services		36	36	36	36	36	36	36	36	36	36	36	36	432						
184.06	906	Plan the System - Telecommunication														0			10			
184.06	916	Operate System & Equip Telecom		29	29	29	29	29	29	29	29	29	29	29	29	349			26	316	347	335.5
184.06	917	Maint System & equip - Telecom		13	13	13	13	13	13	13	13	13	13	13	13	156			15	190	143	113.5
184.06	933	Provide & Mgo Services- Security														0			4			
184.06	950	Prov & Mngo Risk Mgmt-Liability		0	0	0	0	0	0	0	0	0	0	0	0	0	23.5					
		Manage & Control Risks & Losses		42	42	42	42	42	42	42	42	42	42	42	42	504						
184.06																						
184.06	965	Provide Records Management Services														0						
		Provide Document Services		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184.06																						
184.06	262																					6
184.06	279	Maintain Renewable Energy and Related Equipment-Preventative				0	0									0						
184.06																0						
		Generate Electricity		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	325	Dev & maint Trans Oper Inspect		3	3	3	3	3	3	3	3	3	3	3	3	36	133.5	5				
184.06	326	Compile & Update Trans Maps/Prints		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	327	Read Analyze & test transmission		1	1	1	1	1	1	1	1	1	1	1	1	12	5		16	8		12
																	72					
184.06	331	Operate Trans Facilities															10					
184.06	333	Operate Trans Facilities															80		0		18	
184.06	340	Rpr Trans Data Rec Eq																12.5				4
184.06	344	Maintain Transmission															9					
184.06	348	Maintain Substation Transmission Equipment - Preventative		52	52	52	52	52	52	52	52	52	52	52	52	624	250.5	732.75	724	630	301.5	18
																0						
184.06	350	Maintain Substation Transmission Equipment - Corrective		2	2	2	2	2	2	2	2	2	2	2	2	24	80.5	41	9	28	49.5	
																0						
184.06	363	Make Emergency Subst Trans Equip															52					
184.06	368	Make Emergency Subst Trans Equip Repairs - Storm		3	3	3	3	3	3	3	3	3	3	3	3	36		15.5		34	6.5	
																0						
		Operate & Maintain Trans Facilities		61	61	61	61	61	61	61	61	61	61	61	61	732						

184.06	701																					
184.06	720	Improve Business Process	0	0	0	0	0	0	0	0	0	0	0	0	0	43	440.5	530.5				20
184.06	721	Develop Measures &	0	0	0	0	0	0	0	0	0	0	0	0	0	14	4					10
184.06	722	Design, Deploy & Assess	0	0	0	0	0	0	0	0	0	0	0	0	0	2	26					
184.06	738	Prepare & Support other																				
184.06	749	Maint Relations																				
184.06	750	Maintain Relations with Customers	0	0	0	0	1	1	1	1	1	1	1	1	8	9.5						
184.06	753	Maintain Relations with Customers														10.5		2				
184.06	767	Dev, Mge																				144
184.06	777	Payroll	2	2	2	2	2	2	2	2	2	2	2	2	24	18	20.5					
184.06	785	Plan for Deter Emp Training & Dev Needs															4	4				10
184.06	786	Manage & Admin														5.5						
184.06	787	Develop Employee Training													0			13				
184.06	788	Conduct Employee																				
184.06	789	Attend Training																				84
184.06	795	Dev, Mge																				
184.06	797																					8
		Manage External Relations	2	2	2	2	3	3	3	3	3	3	3	3	32							
184.06	400																					2
184.06	402	Develop & Maint Dist Standards & Specs																10				
184.06	405	Eng & Design Facil- Subst Equip																	8			
184.06	455	Dev & Maint Dist Oper Inspec	2	2	2	2	2	2	2	2	2	2	2	2	24	152.5	6	12	4	8		
184.06	456														0					12		
184.06	457	Read, Analyze & Test Distributin	2	2	2	2	2	2	2	2	2	2	2	2	24	4		20		4	3	
		Data Recording Equipment													0							
184.06	458	Perform Dist OH Line IN														4						
184.06	460	Perform Subst Distribution Structure	0	0	0	0	0	0	0	0	0	0	0	0	0	40						
		& Equip Inspection - Pred/Prevent													0							
184.06	463	Operate Distribution Facilities -	1	1	1	1	1	1	1	1	1	1	1	1	12	17			8			
		Substation													0							
184.06	465	Test In Service Meter & Related Equip	10	10	10	10	10	10	10	10	10	10	10	10	120			4	78	122	34	
184.06	479	Maintain Dist OH Line Transf													0	4.92						
184.06	481																					8
184.06	483	Maintain Dist UG Line Transf													0	3						
184.06	485	Maintain Substation Distribution Equip	55	5	55	55	55	55	52	55	55	55	38	55	590	475	739	699	842	340	21	
		Preventative													0							
184.06	487	Maintain Substation Distribution Equip	5	5	5	5	5	5	5	5	5	5	5	5	60	72.25	23	40.5	75	59.5	4	
		Corrective													0							
184.06	488	Maintain Substation Distribution Struct													0					8		
		Preventative													0							
184.06	490	Maintain Substation Distribution Struct													0			11.5				
		Corrective													0							
184.06	491	Maintain Distribution SCADA system													0							
184.06	492	Maint Distribution Tools & Equip													0	7			4			
184.06	495	Repair Rev Meter & Rel Equip	6	6	6	6	6	6	6	6	6	6	6	6	72				87	178	241	
184.06	509	Make Emergency Subst Dist Equipm	0	0						0	0	0	0	0	0		10			12		
		Repairs - Storm													0							
184.06	600	Respond to Cust Inquiries	0	0	0	0	0	0	0	0	0	0	0	0	0	3				16		
184.06	601	Perform Meter Service Work	2	2	2	2	2	2	2	2	2	2	2	2	24			37	20	56	34	
184.06	603	Maintain Meter Information	37	56	56	8	50	36	22	49	16	34	20	4	392	5		56	262	166	203.5	
184.06	610	Read Billing																		65	6	
		Operate & Maintain Dist. Facilities	120	89	141	91	133	119	102	132	101	117	66	87	1316							
															0							
		Total	355	325	370	325	370	355	340	370	340	355	357	341	4203	1732.42	2240.75	2304.5	3004.5	2579	1786.5	
			0	0	0	0	0	0	0	0	0	0	0	0	0							

DTECHCREW

Account	DTECHCREW		EE: 150																					
	21	PEOPLE																	1999	2000	2001	2002	2003	2004
			Year 2006		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT		Actuals	Actuals	Actuals	Actuals	Actuals
					3696	3360	3864	3360	3864	3696	3528	3864	3528	3696	3696	3528	43680						
		Holiday			168	168	0	168	168	168	168	168	168	168	504	336	2352						
		Vacation			204	204	204	204	205	205	205	205	205	205	205	205	2456						
		Sick			78	78	78	78	78	78	78	78	78	78	78	78	936						
		Balance			3246	2910	3582	2910	3413	3245	3077	3413	3077	3245	2909	2909	37936						
		OT			233	233	233	233	233	233	233	233	233	233	233	233	2796						
		Balance			3479	3143	3815	3143	3646	3478	3310	3646	3310	3478	3142	3142	40732						
		O&M		0.65	2261	2043	2480	2043	2370	2261	2152	2370	2152	2261	2042	2042	26476						
				hpw	450	450	282	450	451	451	451	451	451	451	787	619	5744						
				total	2711	2493	2762	2493	2821	2712	2603	2821	2603	2712	2829	2661	32220						
		Capital		0.35	1218	1100	1335	1100	1276	1217	1159	1276	1159	1217	1100	1100	14256						
					3929	3593	4097	3593	4097	3929	3762	4097	3762	3929	3929	3761	46476						
184.03	98	NPW			450	450	282	450	451	451	451	451	451	451	787	619	5744	5696						
	110	Implement Marketing - Programs															0			34				
	112	Dev & Mge Cust Relationships															0		3	45				
	120	Administer															0						0	
	259	Maint Boiler															0						0	
513.22	260	Maintain Steam Turbo Generator			63	63	63	63	63	63	63	63	63	63	63	63	756	135	174	195	587.5	759.25	180.5	
		& Related Eq- Preventive															0							
	261	Maint Steam															0					0	0	
	262	Maint Steam															0					11.5		
	265	Maint Stn Common Stand															0			7		1		
553.27	272	Maintain Combustion Turbine			6	6	6	6	6	6	6	6	6	6	6	6	72	52	108.5	48	12		123	
		Generator & Electrical Equip.															0							
		Preventative															0							
	274	Maint Combust Turbine & Elect Eq-Corr			0	0	0	0	0	0	0	0	0	0	0	0	0		11	5		57.5	75.5	
	275	Maint Int Combust Eng & Rel Eq-Prev																		236.5	120.51	18	22.5	
	276																						43.5	
	278	Maint Renew Energy & Rel Eq- Prev																	16.5	48	1.5		4	
	280	Maint Renew Energy & Rel Eq- Corr																	1.5	23	9	3	46.5	
		Operate & Maintain Power Plants			69	69	69	69	69	69	69	69	69	69	69	69	828							
	300	Perform Transmission Planning Studies																	47.5		6	-5	NC	
582	330	Perform Substation Transmission			42	42	42	42	42	42	42	43	43	43	43	43	509	877	842.75	519.67	398.75	577.25	210.25	
		Structure & Equip Insp															0							
	331	Operate Transmission Facilities																				22	15	
	325	Dev & Maint Tr Oper, Insp &Maint Proced																	12		32			
566	326	Compile & Update Trans			2	2	2	2	2	2	2	2	2	2	2	2	24	83				28.5		
	327	Read Analyze & Test Tr Data Recording Eq																	1.5	57.5	20	0	37	Ind=BE
562	333	Operate Transmission Facilities			26	26	26	26	26	26	26	26	26	26	26	26	312	280	517.25	298.58	373.5	332.75	286.5	Ind= BE 18.6
		Substation															0							
	340	Rpr Trans Data Rec Eq																	10	6				
571	344	Maintenance Transmission			3	3	3	3	3	3	3	3	3	3	3	3	36	33.33					2	
570	348	Maintain Substation Transmission			300	300	300	300	300	300	300	300	300	300	300	300	3600	1180	1765.5	987.29	3643.83	3510.34	2400.83	IND=BE 26
		Equipment- Preventative															0							
	349	Maint Substation Trans Equip- Pred																	13.5	0				
570	350	Maintain Substation Transmission			100	100	100	100	100	100	100	100	100	100	100	100	1200	299.75	842	543	1417.75	756.33	731.25	
		Equipment - Corrective															0							
569	351	Maintain Substation Trans.			0	20	0	0	20	0	0	20	0	0	0	0	80	0	22	12	59	0	0	Ind = BE 3.00
		Structure- Preventative															0							
569	353	Maint Substation Trans Struct - Corr			20										20		40		18.5	41.5	37.5			
573	354	Maintain Transmission Scada System			69	69	69	69	69	69	69	69	69	69	69	69	828	153	365.5	449.25	590.25	627	609.75	
																	0							
570	362	Make Emergency Subst Trans			6	8	24	8	8	24	24	8	24	8	14	11	169	0		6				
		Equip Repairs- Caused by															0							
		External Party															0							
	364																						28	
570	366	Make Emergency Substation Trans			1	7	1	1	1	1	1	7	1	1	1	1	24	0	104	17		8	13	
		Equipment Repairs- Storm															0							
	367	Make Emergency Substation Trans																	18.75				3	
		Struct Rep-Storm																						
		Operate & Maintain Trans Facilities			671	672	647	651	671	647	647	678	648	652	678	669	8022							

DTECHCREW

	400	Perform Dist Planning Studies																31	0			41.5	NC	
	408																					4		
	415	Construct	0	0	0	0	0	0	0	0	0	0	0	0	0						79.5			
	417																					7	BE	
	445	Repl/Upgrade Exist Res Facil - OH Line													0					14		0	BE	
	447	Repl/Upgrade													0						83	32	BE	
588	455	Develop & Maintain Dist. Operating	4	4	4	4	4	4	4	4	4	4	4	4	48	25.5			55	45				
		Insp. & Maint Procedures													0									
	456	Compile & Update Dist Maps	0	0	0	0	0	0	0	0	0	0	0	0	0	12.5	8		0		8			
586	457	Read Analyze & Test Dist	0	0	0	0	0	0	0	0	0	0	0	0	0	51.5	6		7					
	458	Perform Distr OH line Insp															18		0					
582	480	Perform Subst Distribution Structure	45	45	45	45	45	45	45	45	45	45	45	45	540	778.5	501		645.58	338	639.5	428		
		& Equip Inspection																						
	481	Operate Distribution Facilities-																			4			
582	483	Operate Distribution Facilities-	60	60	60	60	60	60	60	60	60	60	60	60	720	1136	593.33		687.5	729	486.83	519.5		
		Substation													0									
586	485	Inspect, test, revenue, meters	63	63	63	63	63	63	63	63	63	63	63	63	756	1283	2169.25		968	617.5	313.5	305.5		
	470	Repair Dist Data Recording Equip																	8					
	471																					32		
	472	Test, Rest																			2			
593	473	Maintain Distribution Oh	2	2	2	2	2	2	2	2	2	2	2	2	24	46			6.5		18.25			
	474	Maintain Distribution OH													0	64			0					
	478	Maint Distribution																			4			
595	479	Maintain Distribution OH line	1	1	1	1	1	1	1	1	1	1	1	1	12	2	8		22	13	8	11.25		
		Transformers- Preventive													0									
595	481	Maintain Distribution OH line	13	13	13	13	13	13	13	13	13	13	13	13	156	154	364.5		167	147.75	68.5	105.5		
		Transformers - Corrective													0									
595	484	Maint Distribution UG Line Transf	5	5	5	5	5	5	5	5	5	5	5	5	60	433	125		31	52	38.5	6.5		
															0									
592	485	Maintain Substation Distribution	267	267	267	267	267	267	267	267	267	267	267	267	3204	2664	2417.75		3841.5	2999.75	2826.58	2963.5		
		Equipment - Preventative													0									
	486	Maint Subst																			0.5			
592	487	Maintain Substation Distribution	241	241	241	241	241	241	241	241	241	241	241	241	2892	1362.25	1835.25		3242.87	1230.84	1280.92	1226.42		
		Equipment - Corrective													0									
	488	Maint Subst Dist Structure - Prev													0		24		117	7.25				
591	490	Maint Dist Substation struct -Corr	3	3	3	3	3	3	3	3	3	3	3	3	36				57.5	5	30.5			
	491	Maint Dist SCADA System															30.5		5			1		
183	492	Maintain Distribution Tools & Equip	60	60	60	60	60	60	60	60	60	60	60	60	720	1000.5	919		595	715.5	630.5	438.25	NC/NE/BE	
597	495	Repair Revenue Meter and Rel Equip	65	65	65	65	65	65	65	65	65	65	65	65	780	399	203.5		219.5	386.5	779.5	820		
597	506	Make Emerg Dist. Meter Repairs-	0	1	0	0	1	0	0	1	0	0	1	0	4	1			0					
		Caused by External Party													0									
	507																					5		
592	509	Make Emergency Subst. Dist.	3	31	3	3	3	3	3	3	3	3	3	3	84	0	64.25		42		28.02	31.5		
		Equipment Repairs Storm													0									
	510	Make Emerg Subst Dist Equip Rep																	17					
	512	Make Emerg																			5.5			
		Operate & Maintain Dist. Facilities	832	861	832	832	833	832	832	833	832	832	833	832	10016									
	720	Improve Business Process	0	0	0	0	0	0	0	0	0	0	0	0	0		18		28	9.5	321			
	701																					3.5	NC	
	731	Develop & Demo New Technology																	30.5		18			
	749																					2	NC	
	753	Maintain															24		32.5	4.5	14.5	1		
	777	Process P																			2.5			
	786	Manage & Admin Apprenticeship Prog															1		8	8	4.75	7.5		
	787	Develop Emp Training																	32					
926	789	Attend Training	51	51	51	51	51	52	52	52	52	52	52	52	619	689	967		377	356.5	767.92	1281.75		
	795	Dev, Mge & Admin Safety Prog & Trng															2							
	796	Provide & Mge Fire Protection																	30					
925	797	Attend Safety Training	66	66	66	66	66	66	66	66	66	66	66	66	791	440.25	626.5		290.5	340.5	89	142		
		Manage Employee Relations	116	117	117	117	117	118	118	118	118	118	118	118	1410									

5712 417 Project H0000988

176.04

DTECHCREW

	600	Respond to cust inquiries & Svc Requests															6		4	0	3
586	601	Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	183	0	66.5	19	0	0
	602	Perform Service Connection Work															1.5		11	0	0
586	603	Maintain Meter Information Records	180	180	180	180	180	180	180	180	180	180	180	180	2160	2744	1917.5	2012.5	1435.5	2148.5	1774.75
	627	Perform Non-regulated Service Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0		
		Provide Customer Service-Non reg	185	185	185	185	185	185	185	185	185	185	185	185	2220						
	805	Manage BU & Other Labor Agreements															21	2		18	
	700	Develop &																		4	1
	806	Admin & Participate in Labor Grievances															3.5	1			1
	807	Manage & Provide Companywide Emp Comm															7			7	
	817																				22.25
	699	Maintain Applications															93.5	57			
588	842	Order Matls Eq & Supplies	4	4	4	4	4	4	4	4	4	4	4	4	48			29	19	24.5	48
920	843	Process Invoices & Other Payments	2	2	2	2	2	2	2	2	2	2	2	2	24			29	35	8.75	3
	850	Process Materials													0					4	
595	877	Comply Ongoing Solid Haz Waste Oil Rel	15	15	15	15	15	15	15	15	15	15	15	15	180			33.5	46	81.25	189
566	916	Operate System & equip-Telecom	104	104	104	104	104	104	104	104	104	104	104	104	1248	799	2605	1248	808.5	664.25	438
573	917	Maintain System & equip - Telecom	329	75	551	130	436	331	222	428	221	346	100	124	3293	2870.5	2846.25	2849.08	2652	3274.5	2485.5
		Manage Information Technology	454	200	676	255	561	456	347	553	346	471	225	249	4793						
	931	Care for Buildings and Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0			35.5	152.75	68.5	5
832	932	Repair Buildings & Grounds	26	26	26	26	26	26	26	26	26	26	26	26	312	737	410.5	530	216.75	315.5	413
588	933	Provide & Mge Services Security	8	8	8	8	8	8	8	8	8	8	8	8	96	42		22	91	106	159
	950	Provide & Mge Services Liability																8			
	953	Provide & Mge Risk Mgmt															6.5	0			
	850	Process Matl & Transactions	0	0	0	0	0	0	0	0	0	0	0	0	0	38		5	9		1.5
			34	34	34	34	34	34	34	34	34	34	34	34	408						
			2711	2493	2752	2493	2821	2712	2603	2821	2603	2712	2829	2661	32221	26724.58	23340.33	22052.58	20832.68	22185.44	18704.25
			0	0	0	0	0	0	0	0	0	0	0	0	-1						

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Ramp Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/04 Period To: 12/04 Format: HOT

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

Item Summary

		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDC098HELNCMHDZZZZZ107	0.00	0	0.00	0
2	HDC098HELNDMHZZZZZZ107	213388.36	7046	213388.36	7046
Total		213388.36	7046	213388.36	7046

Item Action

MSM963A 7142 - MAXIMUM 105 REACHED, XMIT TO CONTINUE SEARCH

Date Printed	23 May 2005 09:55:13
Userid	jpayne
Program Name	msq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

SICK	1398
HOL	2800
VAC	2936
	7134

DH

Account	DH- SUPERINTENDENT																					
		JV															1999	2000	2001	2002	2003	2004
	Fscoup		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
			2412 Hours	176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		8	48	0	0	0	24	0	0	24	0	40	56	200						
		Sick		0	0	0	8	0	0	8	0	0	0	0	8	24						
		Balance		160	104	184	144	176	144	152	176	136	168	112	88	1744						
		O&M	100%	160	104	184	144	176	144	152	176	136	168	112	88	1744						
			OT	16	16	16	16	17	17	17	17	17	17	17	17	200						
			npw	16	56	0	16	8	32	16	8	32	8	64	80	336						
			TOTAL	192	176	200	176	201	193	185	201	185	193	193	185	2280						
		CAPITAL	0%	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.03	98		npw	16	56	0	16	8	32	16	8	32	8	64	80	336						
184.06	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	59	300				
184.06	701	Develop & Manage Forecasts														0		7	4		27.5	8
184.06	720	Improve Business Processes		0	0	0	0	0	0	0	0	0	0	0	0	0	63	279.5				
184.06	721	Develop Measures & An		85	28	106	67	100	68	78	100	60	92	35	12	831	2	89.5	13.5	100.5	636.33	847.5
184.06	722	Design, Deploy & Assess		70	70	70	70	70	70	70	70	70	70	70	70	840	4.5	13	18	97	630.83	840.5
184.06	738	Prepare & Support															10					
		Plan & Improve the Business		155	98	178	137	170	138	148	170	130	162	105	82	1671						
184.06	749	Maintain Relations with Ind, Prof & Trade		1	1	1	1	1	1	1	1	1	1	1	1	12				2	9	10.5
184.06	750	Maintain Relations with Customers		2	2	2	2	2	2	2	2	2	2	2	2	24	2			2	12	29
184.06	753	Maintain Relations																			10	2
		Manage Corporate Relations		3	3	3	3	3	3	3	3	3	3	3	3	36						
184.06	767	Develop, Manage & Admin Recruit		1	1	1	1	1	1	1	1	1	1	1	1	12	8	11	6	1	20	13
		Policies														0						
184.06	777	Process Payroll		1	1	1	1	1	1	1	1	1	1	2	1	13	12	46.5	1	5.5	14	
184.06	785	Plan for & determine Employee		2	2	2	2	2	2	2	2	2	2	2	2	24		12			25	
		Training & Development																				
184.06	786	Mge & Admin Apprenticeship Prog		1	1	1	1	1	1	1	1	1	1	1	1	12				7	31.5	4
184.06	787	Develop Employee Training		1	1	1	1	1	1	1	1	1	1	1	1	12	1	8			8	
184.06	788	Conduct Employee Training		0	0	0	0	0	0	0	0	0	0	0	0	0	6	16			13.5	
184.06	789	Attend Training		1	1	2	2	2	2	2	2	2	2	2	2	22	6	25.5		50	8	17.5
184.06	795	Dev, Mge & Admin Safety Prog & Trng		0	0	0	0	0	0	0	0	0	0	0	0	0		10.5		603	268	9
184.06	798	Prov & Mge Fire Protection																		2		
184.06	797	Attend Safety Training		2	3	2	3	3	3	3	3	3	3	3	3	34	6.5	4		16	4	
184.06	805	Manage																			28.5	
184.06	806	Administer & Participate in Labor		0	0	0	0	0	0	0	0	0	0	0	0	0		7			1	
		Grievances														0						
		Manage Employee Relations		9	10	10	11	11	11	11	11	11	11	12	11	129						
184.06	841	Interview & Qualify New Suppl/Contr		0	0	0	0	0	0	0	0	0	0	0	0	0		2	-		44	2
184.06	842	Order Mats, Eq, Supplies & Svcs														0			1	8	4	
184.06	843	Process Invoices & Other Payments		1	1	1	1	1	1	1	1	1	1	1	1	12	2	14		47	31.5	2.5
184.06	844	Prep & Mge Contracts for Svcs & Mats														0			4		9	2
184.06	877	Comply Ongoing Solid Haz Waste, Oil Related		1	1	1	1	1	1	1	1	1	1	1	1	12				11	8	10
184.06	899	Maintain Applications																5				
		Manage Materials & Outside Services		2	2	2	2	2	2	2	2	2	2	2	2	24						

DH

184.06	931	Care for Buildings and Grounds																	7		
184.06	932	Repair Buildings and Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	933	Provide & Manage Services-	0	0	0	0	0	0	0	0	0	0	0	0	0				11	5	
		Security	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	936	Provide & Manage Services-	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Waste	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	950	Prov & Mge Risk Mgmt Svcs - Liability	0	0	0	0	0	0	0	0	0	0	0	0	0				81.5	18	
		Manage Facilities & Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	315	Construct Trans Facilities- OH Line	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	316	Construct Trans Facilities- UG Line																			
184.06	320	Manage Transmission Construction	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Projects																			
		Plan, Engineer, Design, Construct, Trans.	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	325	Develop & Maintain Trans Oper,													0						
		Inspect & Maint Proced													0						
184.06	328	Perform Transmission OH Line													0						
		Inspection Prev/Pred													0						
184.06	329	Perform Transmission UG line													0						
		Inspection Prev/Pred													0						
184.06	331	Operate Transmission Facilities	2	2	2	2	2	2	2	2	2	2	2	2	24					18	
		OH line													0						
184.06	332	Operate Transmission Facilities													0						
		UG line													0						
184.06	341	Test Treat & Restore Wooden													0						
		Trans Pole													0						
184.06	342	Maintain Transmission OH Line	0	0	0	0	0	0	0	0	0	0	0	0	0					5	
		Preventative													0						
184.06	344	Maintain Transmission OH Line	0	0	0	0	0	0	0	0	0	0	0		0						4.5
		Corrective	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	345	Maintain Transmissin UG line	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Preventative	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	347	Maintain Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Corrective	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	360	Make Emergency Trans OH line	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Repairs - Caused by external													0						
		party													0						
184.06	361	Make Emergency Trans UG Line													0						
		Repairs - Caused by external													0						
		party													0						
184.06	364	Make Emergency Trans UG line	3	3	3	3	3	3	3	3	3	3	3	3	36		44			5	34.5
		Repairs- Storm													0						
184.06	365	Make Emergency Trans Ug line	2	2	2	2	2	2	2	2	2	2	2	2	24						17
		Repairs - Storm													0						
		Operate & Maintain Trans. Facilities	7	7	7	7	7	7	7	7	7	7	7	7	84						

DH

184.06	402	Develop & Maintain Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Standards and Specs													0							
184.06	406	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	415	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Oh line													0							
184.06	416	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0							
		UG Line													0							
184.06	420	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Projects													0							
		Plan, Engineer, Design, Construct, Dist.	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	455	Develop & Maintain Distrib Operate	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Insp & Maint Proced													0							
184.06	456	Compile & Update Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Maps & Prints													0							
184.06	457	Read, analyze & test distribution	0	0	0	0	0	0	0	0	0	0	0	0	0							
		data recording equipment													0							
184.06	458	Perform Distribution OH line	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Inspection - Pred/Preventative													0							
184.06	459	Perform Distribution UG line	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Inspection - Pred /Preventative		0	0	0	0	0	0	0	0	0	0	0	0							
184.06	461	Operate Distribution Facilities-OH	0	0	0	0	0	0	0	0	0	0	0	0	0		2			16		
184.06	462	Operate Distribution Facilities -UG	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	464	Coordinate & locate UG Facilities													0							
		((Toneouts)													0							
184.06	470	Maintain Distribution Recording													0							
		Equipment													0							
184.06	471	Test, treat & Restore Wooden	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Pole													0							
184.06	472	Test, Treat & replace distribution	0	0	0	0	0	0	0	0	0	0	0	0	0							
		primary cable													0							
184.06	473	Maintain Distribution oh lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0	4						
184.06	475	Maintain Distribution Oh lines-Corr	0	0	0	0	0	0	0	0	0	0	0	0	0	7.5			4			
184.06	476	Maintain Distribution UG lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	478	Maintain Distribution UG lines-Corr	0	0	0	0	0	0	0	0	0	0	0	0	0							
184.06	479	Maintain Distributin OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Preventative													0							
184.06	481	Maintain Distribution OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Corrective													0							
184.06	482	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Preventative													0							
184.06	484	Maintain Distribution UG line transf	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Corrective													0							
184.06	492	Maintain Distribution Tools & equip.													0							
184.06	493	Maintain Customer & Street Light	0	0	0	0	0	0	0	0	0	0	0	0	0							
		Facilities													0							
184.06	500	Make Emergency oh line repairs	0	0	0	0	0	0	0	0	0	0	0	0	0							
		caused by external party													0							
184.06	501	Make Emergency ug line repairs	0	0	0	0	0	0	0	0	0	0	0	0	0							
		caused by external party													0							
184.06	504	Make Emergency oh line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0							
		repairs - caused by external party													0							
184.06	505	Make Emergency Dist. ug line	0	0	0	0	0	0	0	0	0	0	0	0	0							
		transf. repairs- caused by external													0							
		party													0							
184.06	507	Make Emergency Dist Oh line	0	0	0	0	0	0	0	0	0	0	0	0	0		5			22.5	76.5	
		repairs- storm													0							
184.06	508	Make Emergency Distr. Ug line	0	0	0	0	0	0	0	0	0	0	0	0	0							
		repairs- storm													0							
184.06	511	Make Emergency Distr. oh transf.	0	0	0	0	0	0	0	0	0	0	0	0	0		5					
		repairs -storm													0							
184.06	512	Make Emergency Distr. ug Transf.	0	0	0	0	0	0	0	0	0	0	0	0	0							
		repairs - storm													0							
184.06	513	Make Emergency Dist. Meter Rep													0							
		Storm													0							
		Operate & Maintain Dist. Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0							

DH

184.06	600	Respond to Customer Inquiries & Service Requests	0	0	0	0	0	0	0	0	0	0	0	0	0					7	
184.06	602	Perform Service Connection Work	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	619	Perform Disconnects & Reconnects Non-pay	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Provide Customer Account Service-	0	0	0	0	0	0	0	0	0	0	0	0	0						
		TOTAL	192	176	200	176	201	193	185	201	185	193	193	185	2280	193.5	901.5	47.5	1055.5	1942.16	1930
			0	0	0	0	0	0	0	0	0	0	0	0	0						

DH

Account	DH-ASST. SUPERINTENDENT																					
	WM/2W																1999	2000	2001	2002	2003	2004
	TC5		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
				352	320	368	320	368	352	336	368	336	352	352	336	4160						
		Holiday		16	16	0	16	16	16	16	16	16	16	48	32	224						
		Vacation		26	26	26	28	27	27	27	27	27	27	27	27	320						
		Sick		5	5	5	5	5	5	5	5	6	6	6	6	64						
		Balance		305	273	337	273	320	304	288	320	287	303	271	271	3552						
			OT	35	35	35	35	35	35	35	35	35	35	35	35	420						
		Balance		340	308	372	308	355	339	323	355	322	338	306	306	3972						
		O&M/CLEARING	72%	245	222	268	222	256	244	233	256	232	243	220	220	2880						
			npw	47	47	31	47	48	48	48	48	49	49	81	65	608						
			TOTAL	292	269	299	269	304	292	281	304	281	292	301	285	3468						
		CAPITAL	28%	95	86	104	86	99	95	90	99	90	95	86	86	1112						
184.03	98		npw	47	47	31	47	48	48	48	48	49	49	81	65	608						
184.06	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	401.75	406	212			
184.06	701	Develop & Manage Forecasts														0	5	37.5	207	25		
184.06	720	Improve Business Processes		1	1	1	1	1	1	1	1	1	1	1	1	12	418.75	356	208		27.5	12
184.06	721	Develop, Measures & Analyze														0	13.5	43	570	264	0	
184.06	722	Design,Deploy & Assess		57	57	57	57	57	57	57	57	57	57	57	57	684	31	22.5	681.5	771	730.5	658.5
184.06	723	Mge & Admin Incentive & Recog Prog																	2.5			
184.06	738	Prepare & Support Rate Case																5				
		Plan & Improve the Business		58	58	58	58	58	58	58	58	58	58	58	58	696						
184.06	749	Maint Rel W/Ind/Prof & Trade Assoc																2	19.5	9		
184.06	750	Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	2.5	8.5	2		
184.06	753	Maintain Relations with community																	5			
		Manage Corporate Relations		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	767	Develop, Manage & Admin Recruit		4	0	4	0	0	0	4	0	4	0	4	0	20	8.5	52.5	64.5	14		
		Policies														0						
184.06	777	Process Payroll		7	7	7	7	7	7	7	7	7	7	7	7	84	215.75	144	91.5	49	123.5	23.5
184.06	785	Plan for & determine Employee		1	1	1	1	1	1	1	1	1	1	1	1	12	51	38	41	12.5	1	
		Training & Development														0						
184.06	787	Develop Employee Training		1	1	1	1	1	1	1	1	1	1	1	1	12	8.5	16.5	8	7		
184.06	788	Conduct Employee Training		1	1	1	1	1	1	1	1	1	1	1	1	12	37	31	11.5	2		
184.06	789	Attend Training		3	3	3	4	4	4	4	4	4	4	4	4	45	204	268.5	74.5	17	38.5	65.5
184.06	795	Dev, Mnge & Conduct															1	2	38.5	15		
184.06	797	Attend Safety Training		4	6	4	6	6	6	6	6	6	6	6	6	68	142	140	103.5	43	49.5	17
184.06	806	Administer & Participate in Labor		1	0	1	0	1	0	1	0	1	0	1	0	6	5		1			
		Grievances														0						
184.06	807	Mge & Provide Companywide Communications																		2	1.5	
		Manage Employee Relations		22	19	22	20	21	20	25	20	25	20	25	20	258						
184.06	841	Interview & Qualify															6			1.5		
184.06	842	Order Materials, eq, su		11	11	11	11	11	11	11	11	11	11	11	11	132	141.25	192	76.5	90.5	162	137
184.06	843	Process Invoices & Other Payments		6	6	6	6	6	6	6	6	6	6	6	6	72	133.5	132.5	96	42.5	93	65.5
184.06	844	Prep & Mge Contracts for Svcs & Mat														0			24	1		
184.06	850	Process Material & Transactions														0		6		4		
184.06	877	Comply w/Ongoing Solid & Haz Waste		4	4	4	4	4	4	4	4	4	4	4	4	48		13.5	9.5	16		55
184.06	891	Elapse										0	0			0	11.5	10				
		Manage Materials & Outside Services		21	21	21	21	21	21	21	21	21	21	21	21	252						

DH

184.06	932	Repair Buildings and Grounds	1	0	1	1	1	1	0	1	1	1	1	1	10			1.5			
184.06	933	Provide & Manage Services-													0						
		Security													0						
184.06	938	Provide & Manage Services-													0						
		Waste													0						
184.06	950	Prove & Mge Risk Mgmt Svcs Liability																6	8	2	
		Manage Facilities & Vehicles	1	0	1	1	1	1	0	1	1	1	1	1	10						
184.06	260																				6
184.06	272																			2.5	
184.06	275																			1	
184.06	276																				94.5
184.06	307																			1	
184.06	315	Construct Trans Facilities - OH line	0	0	0	0	0	0	0	0	0	0	0	0	0	3					1
184.06	316	Construct Trans Facilities - UG line													0						
184.06	320	Manage Transmission Construction	2	0	0	0	2	2	0	2	2	2	2	0	14	23					
		Projects													0						
		Plan, Engineer, Design, Construct Trans.	2	0	0	0	2	2	0	2	2	2	2	0	14						
184.06	325	Develop & Maintain Trans Oper.													0			30			
		Inspect & Maint Proced													0						
184.06	326	Compile & Update Trans														7.5					
184.06	328	Perform Transmission OH Line													0	6					
		Inspection Prev/Pred													0						
184.06	329	Perform Transmission UG line													0						
		Inspection Prev/Pred													0						
184.06	331	Operate Transmission Facilities	2	2	2	2	2	2	2	2	2	2	2	2	24	8	17	9	6	4	20
		OH line													0						
184.06	332	Operate Transmission Facilities													0						
		UG line													0						
184.06	333																			1	
184.06	341	Test Treat & Restore Wooden													0						
		Trans Pole													0						
184.06	342	Maintain Transmission OH Line	2	2	2	2	2	2	2	2	2	2	2	2	24	7.5	3.5	12	7	8	24.5
		Preventative													0						
184.06	344	Maintain Transmission OH Line													0	9.5		2.5	18.5	4	3
		Corrective													0						
184.06	345	Maintain Transmissin UG line													0						
		Preventative													0						
184.06	347	Maintain Transmission UG line													0						
		Corrective													0						
184.06	348																			6	29
184.06	350	Maint Substation Trans Equip-Cor													0		4				7.5
184.06	351	Maint Substation Trans Structure-Prev													0		1.5				4
184.06	353																			2.5	
184.06	355	Perform Vegetation Management													0	0.5					
184.06	360	Make Emergency Trans OH line	1	1	1	1	1	1	1	1	1	1	1	1	12					1.5	
		Repairs - Caused by external													0						
		party													0						
184.06	361	Make Emergency Trans UG Line													0						
		Repairs - Caused by external													0						
		party													0						
184.06	364	Make Emergency Trans UG line	2	2	2	2	2	2	2	2	2	2	3	2	24	16	8	12.5		16	28.5
		Repairs- Storm													0						
184.06	365	Make Emergency Trans Ug line													0		11				
		Repairs - Storm													0						
		Operate & Maintain Trans Facilities	7	7	7	7	7	7	7	7	7	7	7	7	84						

DH

184.06	400	Perform Distribution Planning Studies																			
184.06	402	Develop & Maintain Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0		8				
		Standards and Specs	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	403	Engr & Design Dist Facilities-OH Line	0	0	0	0	0	0	0	0	0	0	0	0			0.5	0			
184.06	408	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	40.5					
184.06	415	Construct Distribution Facilities	1	1	1	1	1	1	1	1	1	1	1	1	12	28	82.5	2.5		2.5	13.5
		Oh line													0						
184.06	418	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0		1				
		UG Line													0						
184.06	420	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	60					
		Projects													0						
184.06	426																				
		Plan, Engineer, Design, Contruct, Dist.	1	1	1	1	1	1	1	1	1	1	1	1	12						1
184.06	445	Replace/Upgrade Existing														2					2.5
184.06	447																			2	
184.06	448	Replace/Upgrade Existing														15.5	3				
184.06	453	Develop & Maintain Distrib Operate	0	0	0	0	0	0	0	0	0	0	0	0	0	2		13			
		Insp & Maint Proced	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	456	Compile & Update Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Maps & Prints	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	457	Read, analyze & test distribution	0	0	0	0	0	0	0	0	0	0	0	0	0						
		data recording equipment	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	458	Perform Distribution OH line	0	0	0	0	0	0	0	0	0	0	0	0	0	1					1
		Inspection - Pred/Preventative													0						
184.06	459	Perform Distribution UG line	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Inspection - Pred /Preventative													0						
184.06	461	Operate Distribution Facilities-OH	3	3	3	3	3	3	3	3	3	3	3	3	36	8.5	5	10		44	13
184.06	462	Operate Distribution Facilities -UG	0	0	0	0	0	0	0	0	0	0	0	0	0		1				
184.06	464	Coordinate & locate UG Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	1					
		((Tpwouts)	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	470	Maintain Distribution Recording	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	471	Test, treat & Restore Wooden	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Pole	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	472	Test, Treat & replace distribution	0	0	0	0	0	0	0	0	0	0	0	0	0	13.5	30.5	22		4.5	2
		primary cable													0						
184.06	473	Maintain Distribution oh lines-Prev	3	3	3	3	3	3	3	3	3	3	3	3	36	36.5	46	8.5		45	32
184.06	475	Maintain Distribution Oh lines-Corr	0	1	0	1	0	1	0	1	0	1	0	1	8	31.5	8			8.5	8.5
184.06	476	Maintain Distribution UG lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0				1		
184.06	478	Maintain Distribution UG lines-Corr	0	3	0	3	0	3	0	3	0	3	0	3	18	9	27.5		7.5	31	4.5
184.06	479	Maintain Distributin OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0	66					
		Preventative	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	481	Maintain Distribution OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0	8				4	
		Corrective	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	482	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0				1.5		2.5
		Preventative	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	484	Maintain Distribution UG line transf	0	0	0	0	0	0	0	0	0	0	0	0	0			4			
		Corrective													0						
184.06	485	Maintain Substation Dist													0	1	14			15	8
184.06	487	Maintain Substation Dist													0	9					
184.06	488	Maint Subst Dist Structure - Prev													0		2				
184.06	492	Maintain Distribution Tools & equip.													0			1			
184.06	493	Maintain Customer & Street Light													0						
		Facilities													0						
184.06	494	Perform Vegetation Management															8	0.5			
184.06	500	Make Emergency oh line repairs	1	1	1	0	2	1	0	2	1	1	1	1	12	7	19			14.5	12
		caused by external party													0						
184.06	501	Make Emergency ug line repairs	0	0	0	0	0	0	0	0	0	0	0	0	0						
		caused by external party	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	504	Make Emergency oh line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0						
		repairs - caused by external party	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	505	Make Emergency Dist. ug line	0	0	0	0	0	0	0	0	0	0	0	0	0						
		transf. repairs- caused by external													0						
		party													0						
184.06	507	Make Emergency Dist Oh line	8	8	8	8	8	8	8	8	8	8	8	8	96	17	77	11.5	5	38.5	211
		repairs- storm													0						
184.06	508	Make Emergency Distr. Ug line	1	0	1	0	1	0	1	0	1	0	1	0	8		11		1		8
		repairs- storm													0						
184.06	511	Make Emergency Distr. oh transf.	2	2	2	2	2	2	2	2	2	2	2	2	24	5	3		5.5		21.5
		repairs -storm													0						
184.06	512	Make Emergency Distr. ug Transf.	0	0	0	0	0	0	0	0	0	0	0	0	0		2				
		repair - storm													0						
184.06	513	Make Emergency Dist. Meter Rep													0						
		Storm													0						
		Operate & Maintain Dist. Facilities	18	21	18	29	19	21	17	22	18	21	18	21	234						

DH

184.06	600	Respond to Cust Inquiries		115	95	140	94	126	113	104	124	99	112	87	91	1300		23	86.5	171.5	251	1396
184.06	618	Manage Past Due Accounts														0	3					
184.06	619	Perform Disconnects & Reconnects														0	1					
			Engineering Forecast	0	0	0	0	0	0	0	0	0	0	0	0	0						
			TOTAL	292	269	299	269	304	292	281	304	281	292	301	265	3469	2283.5	2308	2775	1620.5	1735	2987
				0	0	0	0	0	0	0	0	0	0	0	0	-1						

Sheet1

Account DH-CREW EE:160 Year 2006 31

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 actuals	2000 actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
			5456	4960	5704	4960	5704	5456	5208	5704	5208	5456	5456	5208	64480						
	Holiday		248	248	0	248	248	248	248	248	248	248	744	496	3472						
	Vacation		333	333	333	333	333	333	333	333	334	334	334	334	4000						
	Sick		152	152	152	152	153	153	153	153	153	153	153	153	1832						
	Balance		4723	4227	5219	4227	4970	4722	4474	4970	4473	4721	4225	4225	55176						
	OT		1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	14796						
	Balance		5956	5460	6452	5460	6203	5956	5707	6203	5706	5954	5458	5458	69972						
	O&M	0.34	2025	1856	2194	1856	2109	2025	1940	2109	1940	2024	1856	1856	23790						
		npw	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
		total	2758	2589	2679	2589	2843	2759	2674	2843	2675	2759	3087	2839	33094						
	Capital	0.66	3931	3604	4258	3604	4094	3930	3767	4094	3766	3930	3602	3602	46182						
			6689	6193	6937	6193	6937	6689	6441	6937	6441	6689	6689	6441	79276						
184.03	98	npw	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
	720 Improve Business Processes																				
184.06	722 Design, Deploy & Assess Org Develop Strat		60	60	60	60	60	60	60	60	60	60	60	60	720		8	16	2		4
	730																	166.5	356	712	599
	749 Maintain Relations with Industry, Profession		0	0	0	0	0	0	0	0	0	0	0	0	0	0					2.5
	750 Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
926	753 Maintain Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24		4	16	3	1.5	
	Manage Corporate Relations		62	62	62	62	62	62	62	62	62	62	62	62	744			14	28.5	9.5	10
	767 Dev, Mngt & Admin Recruit Pol, Proc & Proced																				
	777 Process Payroll		0	0	0	0	0	0	0	0	0	0	0	0	0		6	1			
	785 Plan for & Deter Emp Trainingin & Dev Needs														0			196.5	298.5	289	153
926	786 Manage & Administer Apprenticeship Program		5	5	5	5	5	5	5	5	5	5	5	5	60	0		42	18.5	3	
926	787 Develop Employee Training		2	0	2	0	2	0	2	0	2	0	2	0	12	136	8		9.5	5	61
926	788 Conduct Employee Training		5	5	5	5	5	5	5	5	5	5	5	5	60	176.5	39.5	26	4	1	
926	789 Attend Training		55	55	55	55	55	55	55	55	56	56	56	56	664	1286.33	644	3	4	16.5	88
	795 Dev, Mngt & Admin Safety Prog & Trng																181	528.5	423.5	210.5	253.5
925	797 Attend Safety Training		89	89	89	89	89	89	89	89	89	89	90	90	1070	1187.5	1076.5	4	63	17	12
	805 Negotiate BU & Other Training		0	0	0	0	0	0	0	0	0	0	0	0	0	62.5	8	602.5	386.5	513	237.5
	806 Admin & Participate In Labor Grievances														0		3		2	30.5	6.5
	807 Manage & Provide Employee Communications		0	0	0	0	0	0	0	0	0	0	0	0	0	71		6	6	1	
	Manage Employee Relations		156	154	156	154	156	154	156	154	157	155	158	156	1866					8	
	841 Interview & Qualify New Suppliers Cont.		0	0	0	0	0	0	0	0	0	0	0	0	0						
588	842 Order Materials, Eq., Supplies and Services		40	40	40	40	40	40	40	40	40	40	40	40	480	22	54	345	486.5	449.5	383.5
598	843 Process Invoices & Other Payments		34	34	34	34	34	34	34	34	34	34	34	34	0 408			254.5	348	409.75	318.5
	844 Prepa Matls																			1	
163	850 Process Materials & Transactions		10	10	10	10	10	10	10	10	10	10	10	10	120	788	1216.5	720.5	218	96	989.75
	877 Comply wlongoing																			5.5	31.5
	899 Maintain Applications																2				
	Manage Materials & Outside Services		84	84	84	84	84	84	84	84	84	84	84	84	1008						
573	917 Maintain System & Equip-Telecom		1	1	1	1	1	1	1	1	1	1	1	1	12	42	6.5		6	2	0
			1	1	1	1	1	1	1	1	1	1	1	1	12						

185.00 442 TEMP FACILITIES 600

571.00 315 H0000784 80

590.00 415 EYOSH112 2.52

	260	Maint Steam																	15	3
	283	Maint Stn Common Struct & Sys-Prev														4		24		
	272	Maint Comm																	12	31
	274	Maint Comm																	2	
	275	Maint Int Comm																	6	
	276																			386
	280	Maint Renew Energy & Rel Eq - Corr																25		5.5
	307	Manage Tr																	0	
	315	Construct Trans Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0			144	147.5	29
566	325	Develop & Maintain Trans. Oper, Inspect & Maint Procedure	3	3	3	3	3	3	3	3	3	3	3	3	36	0	25	17.5		
															0				37	
	326	Compile & Update Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	72	12.5	6	3	
562	327	Read analyze test & data recording equip	1	1	1	1	1	1	1	1	1	1	1	1	12		15.5	24	11	
563	328	Perform Transmission OH Line Inspection Prev/Predictive	48	48	48	48	48	48	48	48	48	48	48	48	576	118	247	295	379.5	572.5	240
															0						
	329	Perf Trans UG Line Inspection- Prev/Pred															8	17	19.5	6	57.5
563	331	Operate Transmission Facilities OH line	5	5	5	5	5	5	5	5	5	5	5	5	60	258	12	27.5	59.5	56.5	61.05
															0						
564	332	Operate Trans Facilities- UG Line	1	1	1	1	1	1	1	1	1	1	1	1	12				17	12.5	40
562	333	Operate Transmission Facilities-Substation	8	8	8	8	8	8	8	8	8	8	8	8	96		3	4	29.5	98	49.5
571	341	Test, Treat, Restore Wooden Trans Pole	3	3	3	3	3	3	3	3	3	3	3	3	36	2		16.5	27	35	30
															0						
571	342	Maintain Transmission Oh Line Preventative OH line	28	28	28	28	28	28	28	28	28	28	28	28	336	967.5	278.5	458.5	338	141.5	204.5
															0						
571	344	Maintain Transmission Oh Line-Corrective	13	13	13	13	13	13	13	13	13	13	13	13	156	224	39	167	84.5	106	154.95
572	345	Maint Trans UG Line - Preventive	6	6	6	6	6	6	6	6	6	6	6	6	72			8	29.5	24	67.5
572	347	Maintain Transmission UG line- Corrective	7	7	7	7	7	7	7	7	7	7	7	7	84	0			25.5	46	68
570	348	Maintain Substation Trans Equip- Preventive	20	20	20	20	20	20	20	20	20	20	20	20	240	190	31	26	266.5	41	189.5
															0						
570	350	Maintain Substation Trans Equip-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	144	0	102	22.5	165	23	66
569	351	Maint Subst Trans Structure - Preve	3	3	3	3	3	3	3	3	3	3	3	3	36			2	16	37	
	353	Maint Subst Trans Structure - Corr																	68.5		
571	355	Perform Vegetation Mgmt - Trans	13	13	13	13	13	13	13	13	13	13	13	13	156		122	230	230.5	143.5	126.5
571	360	Make Emergency Trans OH Line Rep-EXT Part	5	5	5	5	5	5	5	5	5	5	5	5	60			5	57.75	59	18
571	364	Make Emergency Trans UG line Repairs-Storm	16	16	16	16	16	16	16	16	16	16	16	16	192	54.25	79	174.5	57.5	47	366.5
															0						
	365	Make Emerg Trans UG Line Rprs-Storm													0		5			12	8.5
	367	Make Emerg Subst Trans Struct Rep-Storm															37				
		Operate & Maintain Trans Facilities	**192**	**192**	**192**	**192**	**192**	**192**	**192**	**192**	**193**	**192**	**192**	**192**	**2304**						

	400	Perform Distribution Planning Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	204.5	261	310.5	241.5	288	21
	402	Develop & Maintain Distribution Standards and Specs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DB				
	403	Engr & Design													0						
	408	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	2				2	1.5
593	415	Construct Distribution Facilities	27	27	27	27	27	27	27	27	27	27	27	27	324	338	57.5	414	440.5	198	401.5
594	416	Construct Distribution Facilities UG Line	5	0											5	0		0			
	420	Manage Distribution Construction Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Plan, Engineer, Design, & Construct Dist.	32	27	27	27	27	27	27	27	27	27	27	27	329						
593	445	Repl/Upgrade Exist Res Facil-OH Line	74	74	74	74	74	74	74	74	74	74	74	74	888		21.5	404.25	867	687.5	614
594	446	Repl/Upgrade Exist Res Facil-UG Line	3	3	3	3	3	3	3	3	3	3	3	3	36		5.5	17	11	11	44
593	447	Repl/Upgrade Exist Comm-Facil OH	4	4	4	4	4	4	4	4	4	4	4	4	48		18	55.5	49.5	35	54
594	448	Repl/Upgrade Exist Comm	4	4	4	4	4	4	4	4	4	4	4	4	48	26	20	6	40.5	11	78
588	455	Develop & Maintain Distrib Operate Insp & Maint Proced	5	5	5	5	5	5	5	5	5	5	5	5	60	50		97	27	56.5	37
588	456	Compile & Update Distribution Maps & Prints	2	2	2	2	2	2	2	2	2	2	2	2	24	874.5	235.5	5	19	19	95.5
586	457	Read, analyze & test distribution data recording equipment	8	8	8	8	8	8	8	8	8	8	8	8	96	8	1	15	25.5	53	254.53
583	458	Perform Distribution OH line Inspection - Pred/Preventative	130	130	130	130	130	130	130	130	130	130	130	130	1560	1278	1854	1453	2041.5	869.17	647.5
584	459	Perform Distribution UG line Inspection - Pred /Preventative	6	6	6	6	6	6	6	6	6	6	6	6	72	621.5	24	0	22.5	37.5	104
583	461	Operate Distribution Facilities-OH	41	41	41	41	41	41	41	41	41	41	41	41	492	17.5	130.5	69	137	490.55	228
584	462	Operate Distribution Facilities -UG	4	4	4	4	4	4	4	4	4	4	4	4	48	5		40.5	28	43.5	67
582	463	Operate Distribution Facilites- Substation	6	6	6	6	6	6	6	6	6	6	6	6	72	22.5		35.5	86	91.5	55.5
584	484	Coordinate & locate UG Facilities ((Tonsouts)	5	5	5	5	5	5	5	5	5	5	5	5	60	157	53	3	44.5	65.5	71.5
	485	Test In-svc meter and rel equip													0		194.5	4			
592	470	Repair Distr Data Recording Equipment	3	3	3	3	3	3	3	3	3	3	3	3	36			8	17	34	
593	471	Test, Treat & Restore Wooden Distribution Pole	4	4	4	4	4	4	4	4	4	4	4	4	48	1	3	25	137	31.5	75
594	472	Test, Treat & replace distribution primary cable	40	40	40	40	40	40	40	40	40	40	40	40	480	139.5	386.5	272.5	275	487.5	101.5
593	473	Maintain Distribution oh lines-Prev	125	125	125	125	125	125	125	125	125	125	125	125	1500	751.75	1298	1097	1152	1334.32	1503.96
	474	Maint Distribution OH Lines - Pred															1.5				
593	475	Maintain Distribution Oh lines-Corr	260	98	433	87	346	268	160	341	179	265	94	96	2645	725.25	330.5	578	1061.5	1599.77	2829.35
594	476	Maintain Distribution UG lines-Prev	8	8	8	8	8	8	8	8	8	8	8	8	96	3	5	55.5	102.5	61	93.5
594	478	Maintain Distribution UG lines-Corr	40	40	40	40	40	40	40	40	40	40	40	40	480	339.5	295.5	339	752.5	348	265.5
595	479	Maintain Distribution Oh Line Transf- Prevent	10	10	10	10	10	10	10	10	10	10	10	10	120	254	18	80.5	138	108.5	178.5
595	481	Maintain Distribution Oh Line Transf-Correct	20	20	20	20	20	20	20	20	20	20	20	20	240	142	24.75	80.5	168	241.5	223
595	482	Maintain Distribution UG line transf. Preventative	15	15	15	15	15	15	15	15	15	15	15	15	180	107	8	13	221	14	38.3
595	484	Maintain Distribution UG line transf. Corrective	3	3	3	3	3	3	3	3	3	3	3	3	36	0	4	2	33	35	52.5
592	485	Maintain Substation Distribution Equipment Preventitive	8	8	8	8	8	8	8	8	8	8	8	8	96	247.5	201.5	31	102.5	27	70.5
592	487	Maintain Substation Distribution Equipment- Corrective	8	8	8	8	8	8	8	8	8	8	8	8	96	262	19	57.5	117	38	168
591	488	Maint subst Dist Structure -Prev	4	4	4	4	4	4	4	4	4	4	4	4	48		16	4	28.5	48	58
591	490	Maint Subst Dist Structure - Corre	2	2	2	2	2	2	2	2	2	2	2	2	24			9	23.5	31.5	56.5
163	492	Maintain Distribution Tools & equip.	67	67	67	67	67	67	67	67	67	67	67	67	804	479	489.5	1352	731	798.48	981
593	494	Perform Vegetation Management- Distribution	95	95	95	95	95	95	95	95	95	95	95	95	1140	321.5	466.5	803.25	1171	1130.5	833.2

593 415 E40SH112 284.76
593 415 H0001262 38.00
594 416 E40SH112 1.26
594 416 ✓ 14.94

593	500	Make Emergency Dist Oh line Repairs- Caused by external party	50	50	50	50	50	50	50	50	50	50	50	50	600	184.5	365.75	418	605.5	538	634.4
															0						
594	501	Make Emergency ug line repairs caused by external party	0	0	1										1	10					
															0						
595	505	Make Emergency Dist. ug line transf. repairs- caused by external party	0	0	0	1	3	1							5	5		0			
															0						
															0						
593	507	Make Emergency Dist Oh line repairs- storm	113	113	113	113	113	113	113	113	113	113	113	113	1356	164	1289.5	656.5	481.5	970.5	2966.53
															0						
594	508	Make Emergency Distr. Ug line repairs- storm	0	0	0	10	0	0	0	10	0	0	0	0	20	3	269.5	2	2	5.5	10
															0						
	509	Make Emergency Subst Dist													0	4					
	510	Make Emergency Subst Dist													0	2					
595	511	Make Emergency Distr. oh transf. repairs -storm	26	26	26	26	26	26	26	26	26	26	26	26	312	45.5	306	151.5	259	142.5	419.8
															0						
	512	Make Emergency Dist UG Line Trimr Rep-Storm															76	8			4
		Operate & Maintain Distribution Facilities	1193	1031	1367	1031	1282	1200	1113	1284	1112	1198	1027	1029	13887						
588	600	Respond to Customer Inquiries & Service	6	6	6	6	6	6	6	6	6	6	6	6	72	89.5	2432	709	252	73	70
586	601	Perform Meter Service Work	34	34	34	34	34	34	34	34	34	34	34	34	408	208	149	311.5	419	327.5	403
586	602	Perform Service Connection Work	172	172	172	172	172	172	172	172	172	172	172	172	2064	4053.5	959.5	1397.5	1807.48	2073.25	1486
	603	Maint Meter Information Records															2				
	604	Maint Cust Account Information															4				
903	619	Perform Disconnect & Reconnect for Non-Pay	21	21	21	21	21	21	21	21	21	21	21	21	252	449.5	404.5	470.5	185.5	260	150
		Provide Customer Service - Regulated	233	233	233	233	233	233	233	233	233	233	233	233	2796						
	700	Develop & Admin Business Plans													0			6.5	5		
															0						
	931	Care for Buildings & grounds													0			4.5	14	5	
	932	Repair Buildings & Grounds													0		1		10	5	
	933	Provide & mge Services - Security													0			1427.5			
	950	Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0.5	8.5	6.5	10	9.5
	953	Provide & Manage Risk Management Services Workers Comp	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			-6
		Manage & Control Risks & Loss	0	0	0	0	0	0	0	0	0	0	0	0	0						
		Project Related O&M to be forecasted by Engr.	72	72	72	72	72	72	72	72	72	72	72	72	864					319.5	
		TOTAL	2758	2589	2679	2589	2843	2759	2674	2843	2675	2759	3087	2839	33094	18254.56	17242	17542.5	16765.73	18729.29	21856.82
			0	0	0	0	0	0	0	0	0	0	0	0	0						

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: Account To:
Description:
Period From: 01/04 Period To: 12/04 Format: HOT
Account Level: 00 No of Levels: 00 Budget:
GL Account Stat: Plan Account Stat:

Item	Summary				
		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDH098HZLNCNHD22222107	0.00	0	0.00	0
2*	HDH098HZLNDNHZ22222107	287788.16	8543	287788.16	8543
Total		287788.16	8543	287788.16	8543

SICK 1920
VAC 4520
HOL 3808
TOT 10248 *

NEW HIRES

Items Action

MSM963A 7142 - MAXIMUM 105 REACHED,XMIT TO CONTINUE SEARCH

Date Printed	23 May 2005 09:55:39
Userid	jpayne
Program Name	msq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSQP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMU100Main

DK

Account	FACSUP	CN	2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded	2002 Recorded	2003 Recorded	2004 Recorded
	DK-SUPERINTENDENT																					
				176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		16	0	0	40	0	8	24	0	16	0	16	80	200						
		Sick		8	0	0	0	8	0	0	0	0	8	0	0	24						
		Balance		144	152	184	112	168	160	136	176	144	160	136	72	1744						
		CLRG	100%	144	152	184	112	168	160	136	176	144	160	136	72	1744						
			nper	32	8	0	48	16	16	32	8	24	16	40	96	336						
			ot	10	10	10	10	10	10	10	10	10	10	10	10	120						
			total	186	170	194	170	194	186	178	194	178	186	186	178	2200						
		CAPITAL	0%													0						
184.03	98		nper	32	8	0	48	16	16	32	8	24	16	40	96	336						
184.06	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	162	879.5	3			
184.06	701	Develop & Manage Forecasts		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	720	Improve Business Processes		0	0	0	0	0	0	0	0	0	0	0	0	0	683	899.5	154			
184.06	721	Develop Measures & Analyze Org. Performance		0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	80			
184.06	722	Design, Deploy & Assess Org. Development		29	29	29	29	29	29	29	29	29	29	29	29	348	588		879	579	348	379
		Plan & Improve the Business		29	29	29	29	29	29	29	29	29	29	29	29	348						
184.06	735	Prepare & Support Rate Case Filings														0						
184.06	738	Prepare & Support Other PUC Regulatory														0		2	2	2		
184.06	749	Maintain Relations with Industry, Profession		0	0	0	0	0	0	0	0	0	0	0	0	0	18	4				
184.06	750	Maintain Relations with Customers		11	11	11	11	11	11	11	11	11	11	11	11	132	8		49	100.5	181.5	101
184.06	753	Maintain Relations with Community		3	3	3	3	3	3	3	3	3	3	3	3	36	20	4	5	20	4	46.5
184.06	780	Coord, Conduct & Assist with Audit- Internal														0						
184.06	781	Coord, Conduct & Assist with Audit- External														0						
		Manage Corporate Relations		14	14	14	14	14	14	14	14	14	14	14	14	168						
184.06	767	Develop, Manage & Admin Recruit Policies		0	0	0	0	0	0	0	0	0	0	0	0	0	18					
184.06	777	Process Payroll		1	0	1	0	1	0	1	0	1	0	1	0	8	18		8.5			
184.06	785	Plan for & determine Employee Training & Development		1	1	1	1	1	1	1	1	1	1	1	1	12	21		8	54		
184.06	786	Mge & Administer Apprenticeship Prog		4	4	4	4	4	4	4	4	4	4	4	4	48			1.5			47.25
184.06	787	Develop Employee Training		0	0	0	0	0	0	0	0	0	0	0	0	0			31	21		
184.06	788	Conduct Employee Training		0	0	0	0	0	0	0	0	0	0	0	0	0	4					
184.06	789	Attend Training		3	3	3	3	3	3	3	3	3	3	4	4	38	24			14	2	
184.06	795	Dev, Mge & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12	8	247	3		6	
184.06	797	Attend Safety Training		2	3	3	3	3	3	3	3	3	3	3	3	35	14		- 1			
184.06	805	Negotiate Bu & Other Labor															43	0		1	13	
184.06	806	Administer & Participate in Labor Grievances		0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	807	Manage & Provide Companywide Employee Communications		0	0	0	0	0	0	0	0	0	0	0	0	0	2	4.5				
		Manage Employee Relations		12	12	13	12	13	12	13	12	13	12	14	13	151						

DK

184.06	841	Interview & Qualify New Suppliers	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		Contractors													0									
184.06	842	Order Materials, Eq., Supplies and	0	0	0	0	0	0	0	0	0	0	0	0	0				3		10			
184.06		Services													0									
184.06	843	Process Invoices & Other Payments	18	18	18	18	18	18	18	18	18	18	23	15	218	145		79	108.5		224	222	227	
184.06	844	Prepare & Manage Contracts for													0				5.5		9	5	2	
		Services & Materials													0									
		Manage Materials & Outside Services	18	18	18	18	18	18	18	18	18	18	23	15	218									
184.06	867	Apply for and Obtain Envir Permits-													0									
184.06		Land													0									
184.06	877	Comply Ongoing Solid Waste Haz Waste, Oil	6	6	6	6	6	6	6	6	6	6	6	6	72				195		85.5	91.5	75	
184.06	885	Participate in Environmental Rule/	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		Regulation Making													0									
184.06	899	Maintain Applications														15		7						
		Manage Environmental Permitting &	6	6	6	6	6	6	6	6	6	6	6	6	72									
184.06	918	Operate System & Equip - Telecom																	11					
184.06	931	Care for Building & Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0							10		
184.06	932	Repair Buildings and Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06	933	Provide & Manage Services-	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		Security													0									
184.06	938	Provide & Manage Services-	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		Waste													0									
184.06	950																							2
		Manage Facilities & Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0									
	315	Construct Trans Facilities - OH line													0									
	318	Construct Trans Facilities - UG line													0									
	320	Manage Transmission Construction			0		0	0	0	0					0									
		Projects													0									
		Plan, Engineer, Design, Construct, Trans.	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06	325	Develop & Maintain Trans Oper.	27	38	56	13	41	50	15	62	32	36	23	0	393				119.5		348	387	377	
184.06		Inspect & Maint Proced													0									
184.06	327	Read Analyze Test Data Recording Equip.	0	0	0	0	0	0	0	0	0	0	0	0	0				4					
184.06	328	Perform Transmission OH Line	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		Inspection Prev/Pred													0									
184.06	329	Perform Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0			4						
184.06		Inspection Prev/Pred													0									
184.06	331	Operate Transmission Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		OH line													0									
184.06	332	Operate Transmission Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0									
184.06		UG line													0									
184.06	341	Test Treat & Restore Wooden													0									
184.06		Trans Pole													0									
184.06	342	Maintain Transmission OH Line	1	0	1	0	1	0	1	0	1	0	1	1	7	3.5			15					
184.06		Preventative													0									
184.06	344	Maintain Transmission OH Line	0	0	0	0	0	0	0	0	0	0	0	0	0				12					

DK

184.06	345	Maintain Transmissin UG line	0	0	0	0	0	0	0	0	0	0	0	0	0				4				
184.06		Preventative													0								
184.06	347	Maintain Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Corrective													0								
184.06	355	Perform Vegetation Management-Trans	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	360	Make Emergency Trans Oh line	1	1	1	1	1	0	1	1	1	1	1	1	11	5							
184.06		Repairs - Caused by external													0								
184.06		party													0								
184.06	361	Make Emergency Trans UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Repairs - Caused by external													0								
184.06		party													0								
184.06	364	Make Emergency Trans UG line	0	0	0	1	0	0	1	0	0	1	0	0	3			2					
184.06		Repairs- Storm													0								
184.06	365	Make Emergency Trans Ug line	1	0	1	0	0	0	0	0	0	0	1	0	3								
		Repairs - Storm													0								
		Operate & Maintain Trans Facilities	38	39	59	15	43	58	18	63	34	38	26	2	417								
184.06	402	Develop & Maintain Distribution	26	26	34	10	34	26	26	26	18	34	18	0	278				2.5		131.5	308	333.5
184.06																							
184.06		Standards and Specs													0								
184.06	408	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	141							
184.06	415	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Oh line													0								
184.06	418	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		UG Line													0								
184.06	420	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0								
		Projects													0								
		Plan, Engineer, Design, Construct, Dist.	26	26	34	10	34	26	26	26	18	34	18	0	278								
184.06	456	Develop & Maintain Distrib Operate	15	15	15	15	15	15	15	15	15	15	10	0	184	15			69		215.5	252	267.5
184.06		Insp & Maint Proced													0								
184.06	456	Compile & Update Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Maps & Prints													0								
184.06	457	Read, analyze & test distribution													0								
184.06		data recording equipment													0								
184.06	458	Perform Distribution OH line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Inspection - Pred/Preventative													0								
184.06	459	Perform Distribution UG line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Inspection - Pred /Preventative													0								
184.06	461	Operate Distribution Facilities-OH	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	462	Operate Distribution Facilities -UG	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	484	Coordinate & locate UG Facilities													0								
184.06		((Toneouts)													0								
184.06	470	Maintain Distribution Recording	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Equipment													0								
184.06	471	Test, treat & Restore Wooden	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Pole													0								
184.06	472	Test, Treat & replace distribution	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		primary cable													0								
184.06	473	Maintain Distribution oh lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0				14				
184.06	475	Maintain Distribution Oh lines-Corr	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	476	Maintain Distribution UG lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	478	Maintain Distribution UG lines-Corr	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	479	Maintain Distribution OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Preventative													0								
184.06	481	Maintain Distribution OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Corrective													0								
184.06	482	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Preventative													0								
184.06	484	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Corrective													0								
184.06	492	Maintain Distribution Tools & equip.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	494	Perform Vegetation Management-Dist.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06															0								

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184.06	500	Make Emergency ch line repairs	0	0	1	0	1	0	1	0	1	0	1	0	5								
184.06		caused by external party													0								
184.06	501	Make Emergency ug line repairs	1	0	1	0	1	0	1	0	1	0	1	0	6								
184.06		caused by external party													0								
184.06	504	Make Emergency ch line transf.	1	0	1	0	1	0	1	0	1	0	1	0	6								
184.06		repairs - caused by external party													0								
184.06	505	Make Emergency Dist. ug line	0	1	0	1	0	0	0	0	0	1	0	1	4								
184.06		transf. repairs- caused by external													0								
184.06		party													0								
184.06	507	Make Emergency Dist Ch line	1	0	1	0	1	0	1	0	1	0	1	0	6			1.5					
184.06		repairs- storm													0								
184.06	508	Make Emergency Distr. Ug line	0	1	0	1	0	0	0	1	0	1	0	1	5								
184.06		repairs- storm													0								
184.06	511	Make Emergency Distr. ch transf.	1	0	1	0	1	0	1	0	1	0	1	0	6	13.5							
184.06		repairs -storm													0								
184.06	512	Make Emergency Distr. ug Transf.													0								
184.06		repairs - storm	0	1	0	1	0	0	0	1	0	1	0	1	5								
184.06	513	Make Emergency Dist. Meter Rep	0	0	1	0	1	0	1	0	1	0	1	0	6								
		Storm													0								
		Operate & Maintain Distr. Facilities	18	18	21	18	21	15	22	18	22	19	16	3	212								
	600	Respond to cust inquiries & Svc requests																	108.5		24	9	
	603	Maintain Meter Information Records																	10				
		TOTAL	186	170	194	170	194	186	178	194	178	186	186	178	2200								
			0	0	0	0	0	0	0	0	0	0	0	0	0	1967		2148	1814.5		1837	1799	1857.75

Account	DK-STAFF ENGINEER																								
	TC		2006		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded					
					176	160	184	160	164	176	168	184	168	176	176	168	2080								
		Holiday			8	8	0	8	8	8	8	8	8	8	24	16	112								
		Vacation			0	0	0	0	0	0	40	0		0	0	40	80								
		Sick			0	8	0	0	0	0	8	0	0	0	8	0	24								
		Balance			168	144	184	152	176	168	112	176	160	168	144	112	1864								
		OT			10	10	10	10	10	10	10	10	10	10	10	10	120								
		Balance			178	154	194	162	186	178	122	186	170	178	154	122	1984								
		CLRG	100%		176	154	194	162	186	178	122	186	170	178	154	122	1984								
			now		8	16	0	8	8	8	56	8	8	8	32	56	216								
			total		186	170	194	170	194	186	178	194	178	186	186	178	2200								
		CAPITAL	0%		0	0	0	0	0	0	0	0	0	0	0	0	0								
			Balance		186	170	194	170	194	186	178	194	178	186	186	178	2200								
184.03	98		Hpw		8	16	0	8	8	8	56	8	8	8	32	56	216								
184.06	320	Manage Trans Construction			0	1	1	0	0	1	0	1	1	0	1	0	6	8	3						
184.06	325	Dev & Maint Tr Oper, Ins																16	84.5						
184.06	327	Read Analyze and Test Transmission			16	16	16	16	24	16	16	16	16	16	16	19	194	185	294	39					
184.06	331	Operate Trans Facilities																10	75	23					
184.06	344	Maintain Transmission OH Line-Corr																2							
184.06	355	Perform Trans Vegetation Mgmt																							
184.06	364	Make Emergency Trans OH Lines-Storm																	10						
184.06	400	Perform Distribution Planning Studies			20	20	20	20	30	19	19	25	20	20	20	10	242	226	348.5	8					
184.06	401	Perform Reliability Distribution			12	12	12	12	12	12	12	12	12	12	12	12	144	122.5	231	8					
184.06	408	Manage Dist Projects																8							
184.06	429	Engr & Design Repl/UG																93							
184.06	441	Install New Rec Facilities																30							
184.06	455	Dev & Maint Dist Oper, Insp			2	2	2	2	2	2	2	2	2	2	2	2	24	20	7.5						
184.06	456	Compile & update Distr Maps & Prints																4							
184.06	457	Read Analyze and Test Transmission			20	20	28	23	23	17	11	30	20	38	12	10	252	217	302.5	61					
184.06	461	Operate Dist Facilities																13	15						
184.06	463	Operate Dist Facilities- Substation																5							
184.06	472	Test, Restore and Replace Distribution			1	1	1	1	1	1	1	1	1	1	1	1	12	10.5							
184.06	473	Maint Distribution OH Lines- Preventive																10							
184.06	475	Maintain Distribution Overhead			1	1	1	1	1	1	1	1	1	1	1	1	12	65.5	11.5						
184.06	476	Maintain Distribution Overhead Line			0	1	1	0	1	1	0	1	1	0	1	1	8	8							
184.06	481	Maintain Distribution Overhead Line Tr			1	0	1	1	0	1	1	0	1	1	0	1	8	10							
184.06	484	Maint Dist Ug Line Transformers- Corr																		3					
184.06	500	Make Emergency Distribution OH Line			1	0	1	0	1	0	1	0	1	0	1	0	6	8	3						
184.06	507	Make Emergency Distribution OH Line																2.5	8						
					74	74	84	76	85	71	63	89	78	91	67	48	905								
184.06	700	Develop & Admin. Business Plans		0.1	20	0	0	8	0	0	0	0	0	0	0	0	28			16					
184.06	701	Develop & Manage Forecasts		0	0	0	0	0	0	0	0	0	0	0	0	0	0			2.5					
184.06	710	Develop & Manage Forecasts-		0.05	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Sales & Load			0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	720	Improve Business Processes		0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	102.5	287.5	67					
184.06	721	Develop Measures & Analyze Org.		0.1	0	0	0	0	0	0	0	0	0	0	0	0	0		14	2					
184.06		Performance			0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	722	Design, Deploy & Assess Org.		0.05	2	5.5	26	20	10	20	0	22	27	5	13	3	158.5	128	68	71.5					
184.06		Development			0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06	730	Research New Technology		0.1	1	1	1	1	1	1	1	1	1	1	1	1	12	2	4	7					
		Plan & Improve the Business			32	8.5	27	30	11	27	1	23	28	6	14	4	209.5								

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184.06	735	Prepare & Support Rate Case			0	0	0	0	0	0	0	0	0	0	0	0	0		5				
184.06		Filings			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	738	Prepare & Support Other PUC			0	0	0	0	0	0	0	0	0	0	0	0	0	11					
184.06		Regulatory			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	745	Maintain Relations with Legislators			0	0	1	0	0	0	1	0	0	0	1	0	3		6				
184.06		and government			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	747	Manage & Participate in	0.05		2	2	2	2	2	2	2	2	2	2	2	2	24	28.5					
184.06		Environmental Initiatives			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	749	Maintain Relations with Industry,			12	12	12	12	12	12	12	12	12	12	12	12	144	68	163.5	150			
184.06		Profession			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	750	Maintain Relations with Customers	0.01		17	17	17	17	17	17	17	17	17	17	17	17	204	19	187.5	205			
184.06	752	Maintain Relations with Media			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	753	Maintain Relations with Community			20	20	28	4	28	20	0	20	12	28	12	12	204	104	217.5	235			
184.06	760	Coord, Conduct & Assist with			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Audit- Internal			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	761	Coord, Conduct & Assist with			0	0	0	0	0	0	0	0	0	0	0	0	0						
		Audit- External			0	0	0	0	0	0	0	0	0	0	0	0	0						
		Manage Corporate Relations			51	51	60	35	59	51	32	51	43	59	44	43	579						
184.06	767	Develop, Manage & Admin Recrut			0	0	1	0	0	1	0	0	1	0	0	1	4	4	8				
184.06		Policies			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	777	Process Payroll	0.01		1	1	1	1	1	1	1	1	1	1	1	1	12	0					
184.06	785	Plan for & determine Employee	0.05		0	0	0	0	0	0	0	0	0	0	0	0	0	0		2			
184.06		Training & Development			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	787	Develop Employee Training	0.05		0	0	0	0	0	0	0	0	0	0	0	0	0		5				
184.06	788	Conduct Employee Training	0.05		0	0	0	0	0	5	0	0	0	0	5	0	10	8	19				
184.06	789	Attend Training	0.05		3	3	3	3	3	4	4	4	4	4	4	4	43	212	184.5	74			
184.06	797	Attend Safety Training	0.05		1	1.5	2	1	1	1	2	1	1	1	1	1	14.5	14	9.5				
184.06	795	Dev Mngs & Conduct			3	3	3	3	3	3	3	3	3	3	3	3	36	14.5	25.5	40.5			
184.06																	0						
184.06	805	Negotiate Bargaining Unit & Other			0	0	0	0	0	0	0	0	0	0	0	0	0			2			
184.06		Labor			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	806	Administer & Participate in Labor			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Grievances			0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	807	Manage & Provide Companywide			0	0	0	0	0	0	0	0	0	0	0	0	0						
		Employee			0	0	0	0	0	0	0	0	0	0	0	0	0						
		Manage Employee Relations			8	8.5	10	8	8	15	10	9	10	9	14	10	119.5						
184.06	841	Interview & Qualify New Suppliers	0.03		3	3	3	3	3	3	3	3	3	3	3	3	36	96	45				
		Contractors			0	0	0	0	0	0	0	0	0	0	0	0	0						
		Manage Materials & Outside Services			3	3	3	3	3	3	3	3	3	3	3	3	36						
184.06	899	Maintain Applications																263	6.5				
184.06	901	Provide IT Cust Ass.																2					
184.06	950	Provide & Mngs Risk Mgmt - Gen liability	0.1		10	11	10	10	10	11	13	11	10	10	12	14	132	243	135	18			
		Manage Risks & Loss Control Programs			10	11	10	10	10	11	13	11	10	10	12	14	132						
184.06	112	Dev & Mge Customer Relationships																	18				
		TOTAL	1	0	188	170	194	170	194	186	178	194	178	186	186	178	2200						
					0	0	0	0	0	0	0	0	0	0	0	0	0						

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Account	DK-ASST. SUPERINTENDENT																					
	2																					
	TCS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded	2002 Recorded	2003 Recorded	2004 Recorded
		Year 2006	352	320	368	320	368	352	336	368	336	352	352	336	4160						
		Holiday	16	16	0	16	16	16	16	16	16	16	16	32	224						
		Vacation	30	30	30	30	30	30	30	30	30	30	30	30	360						
		Sick	6	6	6	6	6	6	6	6	6	6	6	6	72						
		Balance	300	268	332	268	316	300	284	316	284	300	268	268	3504						
		OT	90	91	91	91	91	91	91	91	91	91	91	91	1091						
		Balance	390	359	423	359	407	391	375	407	375	391	359	359	4595						
		O&M/CLR 95%	371	341	402	341	387	371	356	387	356	371	341	341	4365						
		npw	52	52	38	52	52	52	52	52	52	52	84	68	656						
		TOTAL	423	393	438	393	439	423	408	439	408	423	425	409	5021						
		CAPITAL 5%	20	18	21	18	20	20	19	20	19	20	18	18	230						
184.03	98	npw	52	52	38	52	52	52	52	52	52	52	84	68	656						
184.06	700	Develop & Admin. Business Plans													0	47	135	54			
184.06	701	Develop & Manage Forecasts													0		15	2			
184.06	720	Improve Business Processes													0	432.5	658.92	232.5	18	3	
184.06	721	Develop Measures & Analyze Org.													0		17	87.5	33.5	15	31
		Performance													0						
184.06	722	Design, Deploy & Assess	135	111	151	128	134	135	117	149	134	120	120	122	1556	47	17.5	652.5	1157	1040.5	353.5
184.06	723	Manage & Admin Incentive & Recog Prog																10			
184.06	738	Prepare & Support Other PUC Reg Filings															1				6.5
		Plan & Improve the Business	135	111	151	128	134	135	117	149	134	120	120	122	1556						
184.06	749	Maint Refwind, Prof & Trade Assoc	3	3	3	3	3	3	3	3	3	3	3	3	36		17	15	38		6.5
184.06	750	Maintain Relations with Customers	3	3	3	3	3	3	3	3	3	3	3	3	36		26	122.5	306	319	13
184.06	753	Maint Relations with	2	2	2	2	2	2	2	2	2	2	2	2	24	5	12	73	4		
		Maintain Corporate Relations	8	8	8	8	8	8	8	8	8	8	8	8	96						
184.06	765																				12
184.06	767	Dev, Mngo & Adm Recruit	9	9	9	9	9	9	9	9	9	9	9	9	108	32	38	55	87	107.5	120.5
184.06	777	Process Payroll	3	3	3	3	3	3	3	3	3	3	3	3	36	68	39	40	12	39.5	27
184.06	785	Plan for & determine Employee	10	10	10	10	10	10	10	10	10	10	10	10	120	6	72.5	173	8.5	4	113.5
184.06		Training & Development													0						
184.06	786																				74
184.06	787	Develop Employee Training	1	0	1	1	0	0	1	0	1	0	1	0	6		6.5	7		28	12
184.06	788	Conduct Employee Training	13	13	13	13	13	13	13	13	13	13	13	13	156		22	187	50	165	82
184.06	789	Attend Training	11	11	11	11	12	12	12	12	12	12	12	12	140		608.5	221	110	3	66
184.06	795	Dev, Mngo & Adm Safety Prog															1.5	15.5	5	18	5.5
184.06	797	Attend Safety Training	8	8	9	9	9	8	9	9	9	9	9	9	106	18.5	38	49.5	26.5	11	
184.06	805	Manage BU & Other Labor Agreements															2.5	7			5
184.06	808	Administer & Participate in Labor	1	1	1	1	1	1	1	1	1	1	1	1	12		10	21	10		21
184.06		Grievances													0						
184.06	807	Manage & Provide Companywide	5	5	5	5	5	5	5	5	5	5	5	5	60	3	13.5		53.5		6
		Employee Communications													0						
		Manage Employee Relations	61	60	62	62	62	62	63	62	63	62	63	62	744						

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184.06	841	Interview & Qualify New Suppliers	1	1	1	1	1	1	1	1	1	1	1	1	12					10.5	2	16	8
		Contractors													0								
184.06	842	Order Materials, Eq., Supplies and	5	5	5	5	5	5	5	5	5	5	5	5	60	8		64		28	68	57	38
184.06		Services													0								
184.06	843	Process Invoices & Other Payments	10	10	10	10	10	10	10	10	10	10	10	10	120	132.5		111		84.5	67	118	158.5
184.06	844	Prepare & Manage Contracts for	29	29	29	29	29	29	29	29	29	29	29	29	348	20.5		55		28	141.5	348	270
184.06		Services & Materials													0								
184.06	850																						3.5
184.06	877																						13
184.06	891	Elleva	0	0	0	0	0	0							0						12		
184.06	899	Maintain Applications													0	23.75		10					
184.06		Manage Materials & Outside Services	45	45	45	45	45	45	45	45	45	45	45	45	540								
184.06															0								
184.06	931	Care of Buildings and Grounds	1	1	1	1	1	1	1	1	1	1	1	1	12			2			14.5		11.5
184.06	932	Repair Buildings and Grounds	0	1	1	1	1	0	1	0	1	0	1	0	7						14		
184.06	933	Provide & Manage Services-	3	3	0	3	0	3	0	3	0	3	0	3	21			22		30	7		
184.06		Security													0								
184.06	936	Provide & Manage Services-	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Waste													0								
184.06	950	Provide & Mge Risk Mgmt - Liability																			10.75		
184.06		Manage Facilities & Vehicles	4	3	2	5	2	4	2	4	2	4	2	4	48								
184.06																							
184.06	315	Construct Trans Facilities - OH line													0					12		14.5	
184.06	318	Construct Trans Facilities - UG line													0								
184.06	320	Manage Transmission Construction	0	0		0	0	0	0	0	0	0	0	0	0								
184.06		Projects													0								
184.06		Plan, Engineer, Design, Construct, Trans.	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06																							
184.06	325	Dev & Maint Tr Oper, Imp & Maint Proced	1	1	1	1	1	1	1	1	1	1	1	1	12					108.5	44	20	
184.06	326	Compile and Update Transmission Maps	0	0	0	0	0	0	0	0	0	0	0	0	0					18	8	14	15
184.06		and Prints													0								
184.06	327	Read, Analyze & Test	1			1				1				1	4	4		3					
184.06															0								
560	328	Perform Transmission OH Line	12	12	12	12	12	12	12	12	12	12	12	12	144			20.5		158.5	269	131.5	86
		Inspection Prev/Pred													0								
184.06	329	Perform Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0					4			
184.06		Inspection Prev/Pred													0								
184.06	330	Perform Tr Subst Struct & Equipment													0	1.5							
184.06	331	Operate Transmission Facilities	0	0	1	0	0	1	0	0	1	0	0	1	4			6		7	7.5		7
184.06		OH line													0								
184.06	332	Operate Transmission Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		UG line													0								
184.06	341	Test Treat & Restore Wooden	3	3	3	3	3	3	3	3	3	3	3	3	36							48	51
184.06		Trans Pole													0								
184.06	342	Maintain Transmission OH Line	0	0	0	0	0	0	0	0	0	0	0	0	0	13.5		1		38			
184.06		Preventative													0								
184.06	344	Maintain Transmission OH Line	1	2	1	2	1	0	1	0	1	0	1	0	10	10		8		8.50	8	10	9
184.06		Corrective													0								
184.06	345	Maintain Transmissin UG line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Preventative													0								
184.06	347	Maintain Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		Corrective													0								
184.06	348	Maint Substation Trans Equip-Prev													0					4.5			
184.06	350	Maint Subst Trans Equip - Corr	1	1	1	1	1	1	1	1	1	1	1	1	12						20.5	8	
184.06	351	Maint Substation Trans Structure-Prev													0			3					
184.06	355	Perform Vegetation Mgmt - Trans													0			3					
184.06	360	Make Emergency Trans Oh line	0	0	0	0	0	0	0	0	0	0	0	0	0	16						1	5.5
184.06		Repairs - Caused by internal													0								
184.06		party													0								
184.06	381	Make Emergency Trans UG Line	1	1	1	1	1	1	1	1	1	1	1	0	11								
184.06		Repairs - Caused by external													0								
184.06		party													0								
184.06	384	Make Emergency Trans UG line	1	1	1	1	1	1	1	1	1	1	1	1	12			8.5		9.5	4		43
184.06		Repairs- Storm													0								
184.06	385	Make Emergency Trans Ug line	1	1	1	1	1	1	1	1	1	1	1	1	12			9					
184.06		Repairs - Storm													0								
184.06	376																						4
184.06		Operate & Maintain Trans Facilities	21	21	21	22	20	20	20	20	21	18	20	20	245								

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184.06	402	Develop & Maintain Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0				2			8	
184.06		Standards and Specs													0								
184.06	408	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	136							
184.06	415	Construct Distribution Facilities	1	1	1	1	1	1	1	1	1	1	1	1	12				23	12.5	12		
184.06		Oh line													0								
184.06	416	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		UG Line													0								
184.06	417																						1
184.06	420	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	24							
184.06		Projects													0								
184.06		Plan, Engineer, Design, Construct, Dist.	1	1	1	1	1	1	1	1	1	1	1	1	12								
184.06																							
184.06	447	Repl/Upgrd Exist Comm/Indus Facil-OH																5					
184.06	448	Repl/Upgrd Exist Comm/Indus Facil-UG																		12			
184.06	455	Develop & Maintain Distrib Operate	3	3	3	3	3	3	3	3	3	3	3	3	36	480.5		104	117		38	100	
184.06		Insp & Maint Proced													0								
184.06	456	Compile & Update Distribution	8	3	8	8	8	8	8	8	8	8	8	8	81			96.5	81	83	66	164.5	
184.06		Maps & Prints													0								
184.06	457	Read, analyze & test distribution	1	1	1	1	1	1	1	1	1	1	1	1	12	11		2					22
184.06		data recording equipment													0								
580	458	Perform Distribution OH line	20	20	20	20	20	20	20	20	20	20	20	20	240			20	67	475	203.5	208.5	
		Inspection - Pred/Preventative													0								
184.06	459	Perform Distribution UG line	3	3	3	3	3	3	3	3	3	3	3	3	36			46	8	84	16	34	
184.06		Inspection - Pred /Preventative													0								
184.06	460	Perform Dist Subst Struct													0	1.5							
184.06	461	Operate Distribution Facilities-OH	3	3	3	3	3	3	3	3	3	3	3	3	36	8		9		15.25	34	12	
184.06	462	Operate Distribution Facilities -UG	0	0	0	0	0	0	0	0	0	0	0	0	0					35		6	
184.06	464	Coordinate & Locate UG Toneouts													0			10	12	17.5			
184.06	471	Test, Treat																			57	67	
184.06	472	Test, Restore & Repl Cl	1	1	1	1	1	1	1	1	1	1	1	1	12	11.75		10.5	4	38	15		
184.06	473	Maint Distribution OH	3	3	3	3	3	3	3	3	3	3	3	3	36	2		2	24	40	108.5	34.5	
184.06	475	Maint Distribution OH	2	2	2	2	2	2	2	2	2	2	2	2	24	19.5			17.75	14		3	
184.06	476	Maint Distribution UG Lines - Corr																	3	10			
184.06	478	Maint Distribution UG	5	5	5	5	5	5	5	5	5	5	5	5	60	20		49.92	48	54	7	7	
184.06	479	Maint Distribution OH Line Trans													0	3		2		10			
184.06	481																					2	
184.06	482	Maint Dist UG Line Transf													0	1			4		8		
184.06	484	Maint Dist UG Line Transf- Corr																		3.5			
184.06	485	Maint Substation Dist		1			1			1			1		4	2		8					
184.06	487	Maint Substation Dist Equip- Corr																	14.5				
184.06	492	Maintain Distribution Tools & equip.	1	0	1	2	1	1	2	1	1	1	1	0	12			7	4		30	84	
184.06	493	Maintain Customer & Street Light													0								
184.06		Facilities													0								
184.06	494	Perform Vegetation Management	0	0	0	0	0	0	0	0	0	0	0	0	0				2		7	4	
184.06	500	Make Emergency oh line repairs	1	1	1	1	1	1	1	1	1	1	1	1	12	8			11	24.5	14	17	
184.06		caused by external party													0								
184.06	501	Make Emergency ug line repairs	1	1	1	1	1	1	1	1	1	1	1	1	12								
184.06		caused by external party													0								
184.06	504	Make Emergency oh line transf	0	0	0	0	0	0	0	0	0	0	0	0	0	4							
184.06		repairs - caused by external party													0								
184.06	505	Make Emergency Dist. ug line	0	0	0	0	0	0	0	0	0	0	0	0	0								
184.06		transf. repairs- caused by external													0								
184.06		party													0								
184.06	507	Make Emergency Dist Oh line	3	3	3	3	3	3	3	3	3	3	3	3	36	13.5		16.5	61.5	67.5	32	59.5	
184.06		repairs- storm													0								
184.06	508	Make Emergency Dist. Ug line	0	1	1	1	2	1	2	1	1	1	1	0	12						3		
184.06		repairs- storm													0								
184.06	511	Make Emergency Dist. oh transf.	2	2	2	2	2	2	2	2	2	2	2	2	24			35			24		
184.06		repairs - storm													0								
184.06	512	Make Emergency Dist. ug Transf.	1	0	1	2	2	1	2	1	1	1	1	0	13								
184.06		repairs - storm													0								
184.06	513	Make Emergency Dist. Meter Rep	1	0	1	1	1	0	1	1	0	1	0	0	7								
184.06		Storm													0								
		Operate & Maintain Distribution Facilities	59	53	58	62	63	59	63	61	56	60	60	56	715								

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184.06	600	Respond to Cust Inquiries & Svc Requests	37	37	52	8	52	37	37	37	23	52	22	23	417					465.5	449	392	211.5
184.06	601	Perform Meter Service Work													0						13	29	3
184.06	602	Perform Service Connection Work	0	0	0	0	0	0	0	0	0	0	0	0	0					2	4		6
184.06	603	Maintain Meter Information Records													0					2			
184.06	613	Process Customer Advance Refunds																			10		
184.06	619	Perform Disconnects & Reconnects - NonPay																			10		
		TOTAL	423	393	438	393	439	423	408	439	408	423	425	409	5021	1855.5		2607.84		3517.83	4301	3680.5	2715.5
			0	0	0	0	0	0	0	0	0	0	0	0	0								

	340	Repair Trans Data Rec Eq															10			
	341	Test, Treat, Restore Wooden Trans Pole													0		3			
															0					
571	342	Maintain Transmission Oh Line Preventative	5	5	5	5	5	5	5	5	5	5	5	5	60	158	21.5	98	18	63	6.5
		OH line													0						
571	344	Maintain Transmission Oh Line-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	144	27.67	62	69		150	59.5
	347	Maintain Transmission UG line- Corrective													0						
570	348	Maintain Substation Trans Equip- Preventive	2	2	2	2	2	2	2	2	2	2	2	2	24		8	15.5		16	
															0						
570	350	Maintain Substation Trans Equip-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60			3.67		63.5	8.5
	351	Maint Substation Trans Structure- Prev													0		4.5				
	353																				3
571	355	Trans Vegetation Management	6	6	6	6	6	6	6	6	6	6	6	6	72		56.5	37	39	28	74.25
571	380	Make Emergency Trans Oh	3	3	3	3	3	3	3	3	3	3	3	3	36	15.3	23	10.45	2	32	21
	384	Make Emergency Trans UG line Repairs-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0		129.75
		Storm													0						
															0						
		Operate & Maintain Trans Facilities	60	60	60	60	60	60	60	60	60	60	60	60	720						
	402	Develop & Maintain Distribution													0		16	0	8		
		Standards and Specs													0						
	403	Engr & Design Dist Facilities																10		3	4
	404	Engr & Design Dist Facilities																		72	2
	408	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	244.5				8	13
593	415	Construct Dist Facilities	49	49	49	49	49	49	49	49	49	49	49	49	588	130	953	334	278.5	598.08	588.25
	416	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0 141	215	143		1		
		UG Line													0						
	417																				4.5
	420	Manage Distribution Construction													0						
		Projects													0						
		Plan, Engineer, Design, & Construct Dist.	49	49	49	49	49	49	49	49	49	49	49	49	588						
593	445	Replace/Upgrade Existing	15	15	15	15	15	15	15	15	15	15	15	15	180	151.08	69	48.5	189.67	178.25	153.5
594	446	Replace/Upgrade Existing	1	1	1	1	1	1	1	1	1	1	1	1	12	59	46.75	12	13	0	
593	447	Replace/Upgrade Exist Comm	6	6	6	6	6	6	6	6	6	6	6	6	72	14	41.5	12	6.5	22	63
594	448	Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	22	6	16	52	26	14
588	455	Develop & Maintain Distrib Operatv	49	49	49	49	49	49	49	49	49	49	49	49	588	419.5	45	0	18	436.5	592.5
		Insp & Maint Proced													0						
588	456	Compile & Update Distribution	39	39	39	39	39	39	39	39	39	39	39	39	468	32	34		832	5	469.5
		Maps & Prints													0						
586	457	Read, analyze & test distribution	5	5	5	5	5	5	5	5	5	5	5	5	60	127.5	100	69	22	62	67
		data recording equipment													0						
583	458	Perform Distribution OH line	58	58	58	58	58	58	58	58	58	58	58	58	696	324.38	484.88	272.41	310.02	102.5	497.75
		Inspection - Pred/Preventative													0						

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Account Dk-CREW EE 150
Year 2006

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
		21	3696	3360	3864	3360	3864	3696	3528	3864	3528	3696	3696	3528	43680						
	Holiday		168	168	0	168	168	168	168	168	168	168	504	336	2352						
	Vacation		213	213	213	213	213	213	213	213	214	214	214	214	2560						
	Sick		98	88	98	98	99	99	99	99	99	99	99	89	1184						
	Balance		3217	2881	3553	2881	3384	3216	3048	3384	3047	3215	2879	2879	37584						
	OT		916	916	916	916	917	917	917	917	917	917	917	917	11000						
	Balance		4133	3797	4469	3797	4301	4133	3965	4301	3964	4132	3796	3796	48584						
	O&M	0.3	1240	1139	1341	1139	1290	1240	1190	1290	1190	1240	1139	1139	14576						
		npw	479	479	311	479	480	480	480	480	481	481	817	649	6096						
		total	1719	1618	1652	1618	1770	1720	1670	1770	1670	1721	1956	1788	20672						
	Capital	0.7	2893	2858	3128	2858	3011	2893	2776	3011	2775	2892	2857	2857	34009						
			4612	4276	4780	4276	4781	4613	4446	4781	4445	4613	4813	4445	54681						
184.03	98 NC	npw	479	479	311	479	480	480	480	480	481	481	817	649	6096						
	98 NE EE109		0	0	0	0	0	0	0	0	0	0	0	0	0	HUGH SAPP					
	700 Develop & Admin Business Plans																8				
	720 Improve Business process		0	0	0	0	0	0	0	0	0	0	0	0	0	24.5 212.5	220.92	170.5	135	6	
	722 Design Deploy & Assess Org Strategies		0	0	0	0	0	0	0	0	0	0	0	0	0					8	18
	750 Maintain Relations with Customers																7			5	
926	753 Maintain Relations		1	1	1	1	1	1	1	1	1	1	1	1	12	5	14	0	12	8	5
580	767 Dev, Mge & Admin Safety Prog & Trng		2	2	2	2	2	2	2	2	2	2	2	2	24					27	
588	777 Process Payroll		20	20	20	20	20	20	20	20	20	20	20	20	240	18.5	263.5	185	122.5	191	251
926	786 Manage & Administer Apprenticeship Program		3	3	3	3	3	3	3	3	3	3	3	3	36						32
	787 Develop Employee Training														0		5		6	1	
926	788 Conduct Employee Training		4	4	4	4	4	4	4	4	4	4	4	4	48					43	49
926	789 Attend Training		37	37	37	37	37	37	37	37	38	38	38	38	448	158	127.5	218	335.5	414.5	840.5
925	795 Dev, Mge & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12		5.83	10	25.5	12.5	2
925	797 Attend Safety Training		62	62	62	62	62	62	62	62	62	62	63	63	746	240	349.17	459	271	358.5	238.25
588	805 Negotiate BU & Other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	29	1	0		21	
588	806 Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24		35	17	15	22	20
926	807 Manage & Provide Employee Communications		4	4	4	4	4	4	4	4	4	4	4	4	48	55.33	24	0	21.5	41.5	
588	842 Order Matls & Equip		4	4	4	4	4	4	4	4	4	4	4	4	48	9	7	0		5	41
588	843 Process Invoice & Other		29	29	29	29	29	29	29	29	29	29	29	29	348	210	295	182.5	123.5	244	349
	844 Prep & Maintain		0	0	0	0	0	0	0	0										221	381.5
	877																				78
	899 Maintain Applications																5				
	Manage Employee Relations		169	169	169	169	169	169	169	169	170	170	171	171	2034						
	272 Maint Combust Turbine																	0	35.5		
	300 Perform Tran																			11.08	
571	315 Construct Trans Facilities		12	12	12	12	12	12	12	12	12	12	12	12	144	32	15	102	58.25	141.5	43.5
	320 Manage Trans. Construct Projects														0						
	Plan, Engineer, Design, Construct, Trans.		12	12	12	12	12	12	12	12	12	12	12	12	144						
															0						
	325 Develop & Maintain Trans. Oper, Inspect &														0					1	2.5
	Maint Procedure														0						
	326																				19.5
583	328 Perform Transmission Oh Line Inspection		27	27	27	27	27	27	27	27	27	27	27	27	324	50	51.83	197.42	110	162.25	271
	Prev/Predictive														0						
	329																				1.5
	331 Operate Transmission Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0		90				16.5
	Oh line														0						
	332 Operate Tran																			3	
	333																				1
	340 Repair Trans Data Rec Eq																	10			

584	459 Perform Distribution UG line Inspection - Pred /Preventative	24	24	24	24	24	24	24	24	24	24	24	24	288 0	169.93	280.25	181.92	250 5	91.5	295 5
582	460 Perform Dist Subst Struct	2	2	2	2	2	2	2	2	2	2	2	2	24	19					
583	461 Operate Distribution Facilities-OH	5	5	5	5	5	5	5	5	5	5	5	5	60		31.93	9	302.25	10.5	57 25
584	462 Operate Distribution Facilities -UG	3	3	3	3	3	3	3	3	3	3	3	3	36	102 41	55	8	114.5	4	32.5
582	463 Operate Distribution Facilities- Substation	3	3	3	3	3	3	3	3	3	3	3	3	36		10	7.5	9		36 5
584	464 Coordinate & locate UG Facilities ((Toneouts)	8	8	8	8	8	8	8	8	8	8	8	8	96 0	65	50	56	27	14	100
	470 Repair Distr Data Recording Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			4	4 5
593	471 Test, Treat & Restore Wooden Distribution Pole	1	0	0	0	0	0	1	1	0	0	0	0	3 0	1	1				
594	472 Test, Treat & replace distribution primary cable	80	80	80	80	80	80	80	80	80	80	80	80	960 0	405.75	450 92	258	546 08	955 5	475.17
593	473 Maintain Distribution oh lines-Prev	14	14	14	14	14	14	14	14	14	14	14	14	168 0	342.92 2	354 25	103.25	71.83	112 75	168 5
	474 Maintain Distribution Oh Lines																			
593	475 Maintain Distribution Oh lines-Corr	183	183	183	183	183	183	183	183	183	183	183	183	2190	496.36	391.64	805.12	647.79	887.82	2199.84
594	476 Maintain Distribution UG lines-Prev	7	7	7	7	7	7	7	7	7	7	7	7	84	157.83	59.43	7	17	19 75	75.5
594	478 Maintain Distribution UG lines-Corr	150	150	150	150	150	150	190	150	150	150	150	150	1800	688.38	1081 61	585 5	1177.17	1415 83	1671.58
595	479 Maintain Distribution Oh Line Transf- Prevent	1	1	1	1	1	1	1	1	1	1	1	1	12	57	4	16	4 9	21	4
595	481 Maintain Distribution Oh Line Transf-Correct	4	4	4	4	4	4	4	4	4	4	4	4	48	32.18	57 5	31.5	58.5	49	18.5
595	482 Maintain Distribution UG line transf. Preventative	1	1	1	1	1	1	1	1	1	1	1	1	12 0	26 5	42.5	6	17	0	10.25
595	484 Maintain Distribution UG line transf. Corrective	4	4	4	4	4	4	4	4	4	4	4	4	48 0	52.5	5 33	17	4	54	30.5
592	485 Maintain Substation Distribution Equipment Preventitive	4	4	4	4	4	4	4	4	4	4	4	4	48 0	83.5	30 5	30.5	79	16.17	53
592	487 Maintain Substation Distribution Equipment- Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60 0	5	30 5	29	68.5	62 67	49.5
	488 Maint Subst Dist Equip - Prev																11 5			
	490																			4
	492 Maintain Distribution Tools & equip.													0		24	4		4	107.25
	493 Maint Cust & Street Lightning Facilities															9				
593	494 Perform Vegetation Management- Distribution	30	30	30	30	30	30	30	30	30	30	30	30	360	601.37	468.7	305.5	358 5	217.15	269 75
593	500 Make Emergency Dist Oh line Repairs- Caused by external party	20	20	20	20	20	20	20	20	20	20	20	20	240 0	98 85	153.02	157 8	181.49	174 58	235.75
	501 Make Emergency ug line repairs caused by external party													0 0	3 6					
	505 Make Emergency Dist. ug line transf. repairs- caused by external party													0 0 0	0					
593	507 Make Emergency Dist Oh line repairs- storm	63	63	63	63	63	63	63	63	63	63	63	63	756 0	32.97	5 33	561.64	472 25	444 25	1236.75
	508 Make Emergency Distr. Ug line repairs- storm													0 0	0	3 5	69 17		2.75	50.5
595	511 Make Emergency Distr. oh transf. repairs -storm							1	19	19	19			58 0	24	339 55	4	23 17	58	170 5
	Operate & Maintain Distribution Facilities	787	786	786	786	786	786	786	806	805	805	786	786	9493						

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141.00

903	600 Respond to Customer Inquiries & Svc Requests	72	53	72	53	72	72	72	72	72	72	51	51	784	301.75	354.89	441.34	423.33	385.33	873
586	601 Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	91.27	68.58	117.12	89.84	67.5	57
586	602 Perform Service Connection Work	81	0	183	0	132	82	30	112	11	62	0	0	693	20.5	208.5	414.74	270.91	423.33	641.33
	603 Maintain Meter Info Records																1			
	618 Manage																		10	
903	619 Perform Disconnects & reconnects for non-pay	3	3	3	3	3	3	3	3	3	3	3	3	36	26	82.5	70	89.5	38	16
	Provide Customer Service - Regulated	161	61	263	61	212	162	110	192	91	142	59	59	1573						
573	917 Maintain System & Equip- Telecomm																			
588	931 Care for buildings & Grounds	2	2	2	2	2	2	2	2	2	2	2	2	24			13		7.5	
	932 Repair Building & Grounds															9	2	32	10	346
598	950 Provide & Mngr Risk Mgmt Svcs- Liability																15	100	2	
	953 Provide & Manage Risk Management Services Workers Comp													0		23.5	9	9	3	7.5
	Manage & Control Risks & Loss	2	2	2	2	2	2	2	2	2	2	2	2	24						
	Project Related O&M to be forecasted by Engr.	0	0	0	0	0	0	0	0	0	0	0	0	0				97	58	
	TOTAL	1719	1618	1652	1618	1770	1720	1670	1770	1670	1721	1956	1788	~~20572~~	6680.73	8341.8	6886.05	8606.25	9441.54	14949.17
		0	0	0	0	0	0	0	0	0	0	0	0	0						

20913

insp

Account	Dir-Insp	EE.150 Year 2006		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
			1	176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		16	16	16	16	17	17	17	17	17	17	17	17	200						
		Sick		2	2	2	2	3	3	3	3	3	3	3	3	32						
		Balance		150	134	166	134	156	148	140	156	140	148	132	132	1736						
		OT		16	16	16	16	17	17	17	17	17	17	17	17	200						
		Balance		166	150	182	150	173	165	157	173	157	165	149	149	1936						
																0						
		O&M	0.15	25	23	27	23	26	25	24	26	24	25	22	22	292						
			now	26	26	18	26	28	28	28	28	28	28	44	36	344						
			total	51	49	45	49	54	53	52	54	52	53	66	58	636						
		Capital	0.85	141	128	155	128	147	140	133	147	133	140	127	127	1648						
				192	177	200	177	201	193	185	201	185	193	193	185	2282						
184.03	98		now	26	26	18	26	26	28	28	28	28	28	44	36	344						
	720	Improve Business Process																12	2		1	
926	789	Attend Training		1	1	1	1	2	3	3	3	2	2	2	2	20	15	26	36.25	18	9	73.75
925	797	Attend Safety Training		3	3	3	3	3	3	3	3	3	3	3	3	36	8	8.5	16	5	13.5	1
	805	Manage																			1	
	806	Admin & Participate In Labor Grievances																4	1	1		1
	807	Manage & Provide Companywide Emp Comm																2	1.5	1		
	953	Provide & Mngs Risk Mgmt Svcs - Wcomp																1				
		Manage Employee Relations		4	4	4	4	5	5	5	5	6	5	5	5	58						
563	328	Perform Transmission Oh Line Inspection Prev/Predictive		3	3	3	3	3	3	3	3	3	3	3	3	36	73.5	22	3	20	13.25	
																0						
	345	Maint Trans UG Line - Preventive														0			1			
	364	Make Emergency Trans UG line Repairs-Storm		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
																0						
																0						
		Operate & Maintain Trans Facilities		3	3	3	3	3	3	3	3	3	3	3	3	36						
	403	Engr & Design Dist Facilities - OH Line																1.5				
	408																					1
	455	Develop & Maintain Distrib Operate														0						
		Insp & Maint Proced														0						
	456																					235.17
583	458	Perform Distribution OH line Inspection - Pred/Preventative		7	7	7	7	7	7	7	7	7	7	7	7	84	324 Upd	124.5	23	96	166.08	30.5
																0						
584	459	Perform Distribution Underground Line Insp		7	5	7	5	6	5	2	4	2	3	0	0	46	240	7	11	11.5	2	15
	461	Operate Distribution Facilities-OH		0	0	0	0	0	0	0	0	0	0	0	0	0						
	462	*Operate Distribution Facilities-UG*							0							0	0					
	463	Operate Distribution Facilities- Substation		0	0	0	0	0	0	0	0	0	0	0	0	0						
584	464	Coordinate & Locate UG Facilities (Tonsouts)		4	4	4	4	4	4	4	4	4	4	4	4	48		23	8	27.5	47.25	39.6
	470	Repair Distr Data Recording Equipment														0						
	471	Test, Treat & Restore Wooden Distribution Pole		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
																0						
594	472	Test, Reset		0	0	2	0	0	0	2	2	2	2	2	2	14					13.5	
594	478	Maint Dist UG Lines - Corr		0	0	0	0	1	1	1	1	1	1	1	1	8		32			1	
	481	Maintain Distribution Oh Line Trimet-Correct			0	0				0			0		0	0	0					
	507	Make Emergency Dist Oh line repairs- storm		0	0	0	0	0		0						0	0					13.5
																0						
		Operate & Maintain Distribution Facilities		18	16	20	16	18	17	18	18	18	17	14	14	200						
	600	Respond to Cust Inquiries & Svc Requests														0	0			4.25		
		Provide Customer Service - Regulated		0	0	0	0	0	0	0	0	0	0	0	0	0						
		TOTAL		51	49	46	49	54	53	52	54	52	53	66	58	636	669.5	283.5	100.75	184.25	267.59	410.42
				0	0	0	0	0	0	0	0	0	0	0	0	0						

stores

Account	Dk-stores EE:150 Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
		176	160	184	160	184	176	168	184	168	176	176	168	2080						
	Holiday	8	8	0	8	8	8	8	8	8	8	24	16	112						
	Vecation	16	0		24	0	16		24		16		24	120						
	Sick	0	0	0	0	8	8	0	8	0	0	8	0	32						
	Balance	152	152	184	128	168	144	160	144	160	152	144	128	1816						
	OT	35	35	35	35	35	35	35	35	35	35	35	35	420						
	Balance	187	187	219	163	203	179	195	179	195	187	179	163	2236						
	npw	24	8	0	32	16	32	8	40	8	24	32	40	264						
	Balance	211	195	219	195	219	211	203	219	203	211	211	203	2500						
184 03	98 npw	24	8	0	32	16	32	8	40	8	24	32	40	264						
	364 Make Emergency Trans OH Line Rprs-Storm															3.5				
	446 Rept/Upgrade Exist Res Facil- UG Line															8				
	458 Perform Dist OH Line Insp															2				
	472 Test, Restore, & Repl Dist Primary Cable															2				
	475 Maint Dist OH Lines - Corr															1.5				4
	478 Maint Dist UG Lines - Corr															26	2.67		1.5	
	753 Maint Relations with Community														5					
163	789 Attend Training	2	2	2	2	2	2	2	2	3	3	3	3	28	29	27	12		2	4
163	797 Attend Safety Training	3	3	3	3	3	3	3	3	3	3	3	3	36	13	21.5	30.5		9	
	Manage Employee Relations	5	5	5	5	5	5	5	5	6	6	6	6	64						
163	492 Distribution maint tools & equip	25	25	25	25	25	25	25	25	25	25	25	25	300	14	286.5	304.08			170
	494 Perform Distribution Vegetation Mgmt															2				
	500 Make Emerg Dist OH Line -Storm																4		1	3.25
	507 Make Emerg	3	3	3	3	3	3	3	3	3	3	3	3	36					13	53.25
	511 Make Emerg Dist OH Line Trimer Rep-Storm															18.5				
	600 Respond to Cust Inquiries & Svc Requests																3			
	602 Perform Meter Service Work																4			
	610 Read Billing Meters															1				
	611 Mngs & Resolve Billing & Acct Problems																4			
	616 Process Customer Payments																1.5			
	618 Manage Past Due Accounts																2.5			
	720 Improve Business Process															2.5	5			
	753 Maintain Relations with Community															5			1	
163	777 Process Payroll	3	3	3	3	3	3	3	3	3	3	3	3	36		37	44		2.5	32
	805 Negotiate BU & other Labor Agreements														2				1.5	
	806 Admin & Participate in Labor Grievances															2.5			1	1
	807 Manage & Provide Company Comm														2	2			2	
	841 Interview & Qualify New Suppliers Cont.													0						
	842 Order Materials, Eq., Supplies and Services													0						
163	850 Process Material & Transactions	126	126	126	126	126	126	126	126	126	126	126	126	1512	2003.3	1345.42	1028.47		1514.25	1222.34
	852 Recover Investment & Materials - Direct Charge	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
163	853 Perform Inventory Control	8	8	8	1	8	8	8	8	8	8	8	0	81		86	107		82.5	84.5
	Manage Materials & Outside Services	140	140	140	133	140	140	140	140	140	140	140	132	1685						
588	931 Care for Buildings & Grounds	17	17	49	0	33	9	25	9	24	16	8	0	207		211.5	217			
598	932 Rpr Buildings & Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0		54	63.5			
	936 Provide & Mge Services- Waste															13.5				
		17	17	49	0	33	9	25	9	24	16	8	0	207						
	TOTAL	211	195	219	195	219	211	203	219	203	211	211	203	2500	2063.3	1838.92	1550.05	0	1631.25	1554.34
		0	0	0	0	0	0	0	0	0	0	0	0	0						

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/04 Period To: 12/04 Format: HOT

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

Item	Summary				
		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDK098HZLNCNHDZZZZZ107	0.00	0	0.00	0
2	HDK098HZLNDNHDZZZZZ107	0.00	0	0.00	0
3	HDK098HZLNDMHZZZZZZ107	191060.53	5966	191060.53	5966
Total		191060.53	5966	191060.53	5966

SICK 1368
HOL 3024
VAC 3520
TOT 7912 . X
New hours

Items: Actions:

MSM963A 7142 - MAXIMUM IOS REACHED,KNOT TO CONTINUE SEARCH

Date Printed	23 May 2005 09:56:02
Userid	jpayne
Program Name	mcq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.1.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

disp

Account DR-DISP DISP CLERKS

		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
		6																			
			1056	960	1104	960	1104	1056	1008	1104	1008	1056	1056	1008	12480						
		Holiday	48	48	0	48	48	48	48	48	48	48	144	96	672						
		Vacation	60	60	60	60	60	60	60	60	60	60	60	60	720						
		Sick	27	27	27	27	27	27	27	27	28	28	28	28	328						
		Balance	921	825	1017	825	969	921	873	969	872	920	824	824	10760						
		OT	116	116	116	116	117	117	117	117	117	117	117	117	1400						
		Balance	1037	941	1133	941	1086	1038	990	1086	989	1037	941	941	12160						
		NPW	135	135	87	135	135	135	135	135	136	138	232	184	1720						
		Balance	1172	1076	1220	1076	1221	1173	1125	1221	1125	1173	1173	1125	13880						
184.03	98	npw	135	135	87	135	135	135	135	135	136	138	232	184	1720						
	738	Prepare & Support Other PUC	-	-	-	-	-	-	-	-	-	-	-	-	0	2					
		Regulatory													0						
		Manage Corporate Relations	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	701	Dev & Manage Forecasts													0	3					
184.06	720	Improve Business Process													0	15	19	146.25	33.5	2	6.75
184.06	722	Design, Develop & Assess	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	738	Prepare & Support Other	0	0	0	0	0	0	0	0	0	0	0	0	0	7	55	27	106	156.5	257.5
184.06	749	Maint Rel with Trade Assoc																	11.5		
184.06	750	Maint Relations with	0	0	0	0	0	0	0	0	0	0	0	0	0	6	15	15.5	10	8	
184.06	753	Maint Relations with Community	0	0	0	0	0	0	0	0	0	0	0	0	0		6	2		1	
184.06	780	Coord, Conduct & Assist w/Audit													0		2				
184.06	787	Dev, Mnge & Adm Recr	0	0	0	0	0	0	0	0	0	0	0	0	0	388.67	1105.17	290.75			
184.06	777	Process Payroll	57	57	57	57	57	57	57	57	57	57	57	57	684	1185.25		487	881.4	870	410
184.06	785	Plan for & determine Employee	-	-	-	-	-	-	-	-	-	-	-	-	0	3			3		
184.06		Training & Development													0						
184.06	786	Manage & Admin A	-	-	-	-	-	-	-	-	-	-	-	-	0	99.5	92	28	10	8.5	
184.06	787	Develop Employee Training													0	4	26	22.75			
184.06	788	Conduct Employee Training	4	4	4	4	4	4	4	4	4	4	4	4	48	45.5	14.75	291.5	48	14.5	47.5
184.06	789	Attend Training	20	20	20	20	20	20	20	20	21	21	21	21	244	635.25	143.92	162	502	60.5	68.33
184.06	797	Attend Safety Training	8	8	8	9	9	9	9	9	9	9	9	9	105	7	17.5	21.58	66.17	6.75	30
		Manage Employee Relations	89	89	89	90	90	90	90	90	91	91	91	91	1081						
184.06	805	Manage																		5.5	
184.06	807	Mge & Participate Companywide Emp Comm	-	0	0	0	0	0	0	0	0	0	0	0	0		80.75	14.5	20.5	142.5	31
184.06	841	Interview & Qual New Suppl/Contr/Consult													0		6.5	4			4.5
184.06	842	Order Materials Eq, Supplies													0	2	8	1.5	3.5		
184.06	843	Process Invoices & Other Payments	-	-	-	-	-	-	-	-	-	-	-	-	0	6.5	3	4	7.5	8.75	3
184.06	844	Prep & Manage Contracts														8.25	2.5		3.5	5.5	
184.06	850	Process Materials																	1.5	0.5	
184.06	877	Comply w/Ongoing Solid & Haz Waste, oil related																8			
184.06	891	Develop Computer Applications																	11	151.75	
184.06	899	Maintain Applications														77.5	31				
		Manage Materials & Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0						
	931	Care For Buildings & Grounds																8			
	950	Provide & Mnge Risk Mgmt	-	0	0	0	0	0	0	0	0	0	0	0	0	197					

disp

184.06	325	Develop & Maintain Trans Oper. Inspect & Maint Proced	8	8	8	8	8	8	8	8	8	8	8	8	96	78.33	715.75	350	108.25	82	98
184.06	326	Compile & Update Trans Maps/prints	60	60	60	60	60	60	60	60	60	60	60	60	0						
184.06	328	Perf Trans OH Line Insp													720	72.75	10	499.25	889	844.2	958.13
184.06	331	Operate Transf Facilities													0	35					
184.06	342															9					
184.06	344	Maint Trans OH Line - Corrective																			4
184.06	345	Maint Trans UG Line- Prev																			1
184.06	364	Make Emergency Trans OH															2.5				
184.06	365	Make Emergency - Storm														1.5	31.75	46	54	98.25	135.06
		Operate & Maintain Trans Facilities	68	68	68	68	68	68	68	68	68	68	68	68	816				0.5		
184.06	401	Perform Reliability Distribution	-	0	0	0	0	0	0	0	0	0	0	0	0	78.5					
184.06	402	Develop & Maint Dist St													0	15			7		
184.06	403																				
184.06	415	Construct Dist Facilities													0	1					
184.06	445	Repl/Upgrade Exist Rec Facil- Oh Line																2			
184.06	456	Develop & Maintain Distrib Operate Insp & Maint Proced	463	463	463	463	463	463	463	463	463	463	463	463	5556	1082.25	5290.2	5389.55	5247.65	5553.33	5368.61
184.06	456	Compile & Update Distribution Maps & Prints	85	85	85	85	85	85	85	85	85	85	85	85	0 1020	3036.58	10	686.75	983.5	1002	1024.75
184.06	458	Perform Dist OH Line Insp	-	-	-	-	-	-	-	-	-	-	-	-	0						
184.06	459	Perform Dist UG Line Insp	-	-	-	-	-	-	-	-	-	-	-	-	0	516.92	UPDATE				
184.06	461	Operate Distribution Facilities - Oh Line													0	52.5					
184.06	462	Operate Dist Facilities- Ug Line																	7		1.5
184.06	473	Maintain Dist OH																1			
184.06	475	Maint Dist OH Lines- Corr													0	54.67		0.5			
184.06	476	Maint Dist UG																0.75			
184.06	482	Maint Dist UG Line Transformers														10.5			4		
184.06	507	Make Emergency Dist Oh line Repairs -	26	26	26	26	26	26	26	26	26	26	26	26	312	27.5	3 117	142.25	73	235.25	737.08
184.06	508	Make Emergency Dist Ug Line Rep-Storm																	0.5		
184.06	511	Make Emergency Dist Oh line Repairs - Storm														8.5	28.5				33.25
184.06	512	Make Emergency Dist Ug Line Trfmr Rep-Storm													0						
		Operate & Maintain Dist. Facilities	574	574	574	574	574	574	574	574	574	574	574	574	6,888			12.5	15.5		
588	600	Respond to Customer Inquiries & Service Requests	306	210	402	209	354	306	258	354	256	304	208	208	0 3375	4187.08	3823.91	3759.08	3672.3	3033.75	3465.19
	601	Perform Meter Service Work				-									0						
	602	Perform Service Connection Work														1	4	0.5			
	603	Maintain Meter Information Records	0	0	0	-	0	0	0	0	0	0	0	0	0	5					
	614	Process Verify & Mail														13					
		Provide Customer Service	306	210	402	209	354	306	258	354	256	304	208	208	3375	2					
		TOTAL	1172	1076	1220	1076	1221	1173	1125	1221	1125	1173	1173	1125	13880	11901	11884.7	12425.48	12574.27	12087.03	12687.17
			0	0	0	0	0	0	0	0	0	0	0	0	0						

DR

	DR-TCS																			
Account	TCSUP	Year 2006		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2004 Recorded	
				176	160	184	160	184	176	168	184	168	176	176	168	2080				
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112				
		Vacation		8	8	0	8	8	8	8	8	8	8	24	24	120				
		Sick		8	0	0	8	0	0	8	0	0			0	24				
		Balance		152	144	184	136	168	160	144	168	152	160	128	128	1824				
		OT		20	20	20	20	20	20	20	20	20	20	20	20	240				
		Balance		172	164	204	156	188	180	164	188	172	180	148	148	2064				
		O&M	100%	172	164	204	156	188	180	164	188	172	180	148	148	2064				
		npw		24	16	0	24	16	16	24	16	16	16	48	40	256				
		TOTAL		196	180	204	180	204	196	188	204	188	196	196	188	2320				
		CAPITAL	0%	0	0	0	0	0	0	0	0	0	0	0	0	0				
184.03	98	npw		24	16	0	24	16	16	24	16	16	16	48	40	258				
	600	Respond to Customer Inquiries		20	20	20	20	20	20	20	20	20	20	20	20	240	46	254	48	
	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	28.75	134.25	74	
	701	Develop & Mge Forecasts																19		
184.06	720	Improve Business Processes		19	19	19	19	19	19	19	19	19	19	19	19	228	79.25	33.5	227.83	
184.06	721																		11.5	
184.06	722	Design, Develop & Assess Org		0	0	0	0	0	0	0	0	0	0	0	0	0			0	
																0				
		Plan & Improve the Business		19	19	19	19	19	19	19	19	19	19	19	19	228				
184.06	738	Prepare & Support Other PUC		0	0	0	0	0	0	0	0	0	0	0	0	0			44.25	
		Regulatory														0				
		Manage Corporate Relations		0	0	0	0	0	0	0	0	0	0	0	0	0				
184.06	747	Mge & Participate in Environment		0	0	0	0	0	0	0	0	0	0	0	0	0	16			
184.06	749	Maint rel/industry, prof		1	1	1	1	1	1	1	1	1	1	1	1	12	12			
184.06	750	Maint relations with		2	2	2	2	2	2	2	2	2	2	2	2	24	19.5		80.75	
184.06	760																		4	
184.06	767	Dev, Mnge & Adm Recr															4			
184.06	777	Process Payroll		2	2	2	2	2	2	2	2	2	2	2	2	24	16	22.5		
184.06	785	Plan for & determine Employee		1	1	1	1	1	1	1	1	1	1	1	1	12	10.5	8	10	
		Training & Development														0				
184.06	787	Develop Employee Training														0			8	
184.06	788	Conduct Employee Training		4	3	4	2	2	2	2	2	2	2	2	2	29			14.5	
184.06	789	Attend Training		2	2	2	2	2	2	2	2	3	3	3	3	28	265.75	125.25	99	
184.06	797	Attend Safety Training		2	2	2	2	2	2	2	2	2	3	3	3	27	1.5	6		
184.06	795	Dev, Mnge & Conduct S															12			
		Manage Employee Relations		14	13	14	12	12	12	12	12	13	14	14	14	156				
184.06	841	Interview & Qualify New Suppliers															10		23	
184.06	843	Process Invoices & Other Payments		4	4	4	4	4	4	4	4	4	4	4	4	48	12	57		
184.06	844	Prep & Mnge Contracts															16.25			
184.06	899	Maintain Applications															100	6		
184.06	900																		43.5	
		Manage Materials & Outside Services		4	4	4	4	4	4	4	4	4	4	4	4	48				

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184.06	906																		2
184.06	916	Operate System & Equip														7			
184.06	931	Care for Building & Grounds		5	5	5	5	5	5	5	5	5	5	5	5	60	37.75		
184.06	932	Repair Buildings and Grounds		0	0	0	0	0	0	0	0	0	0	0	0	0			
184.06	933	Provide & Manage Services-		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Security														0			
184.06	950	Provide & Manage Risk Management															9		
		Manage Facilities & Vehicles		5	5	5	5	5	5	5	5	5	5	5	5	60			
	120																		15
184.06	325	Develop & Maintain Trans Oper,		12	12	12	12	12	12	12	12	12	12	12	12	144	12	234.75	131.5
		Inspect & Maint Proced														0			
184.06	326	Compile & Update Trans Maps/prints		5	5	5	5	5	5	5	5	5	5	5	5	60	61.25	69.25	
184.06	327	Read Analyze & Test Tr Data Recording Eq																28	16
184.06	328	Perform Transmission OH Line		1	1	1	1	1	1	1	1	1	1	1	1	12	402.33	28.5	8
		Inspection Prev/Pred														0			
184.06	329	Perform Transmission UG line		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Inspection Prev/Pred														0			
184.06	331	Operate Trans Facilities															16.75	110.5	
184.06	332	Operate Trans facilities- UG lines																38.75	
184.06	342	Maintain Transmission OH Line		3	3	3	3	3	3	3	3	3	3	3	3	36	22	7	
		Preventative														0			
184.06	344	Maint Trans OH Line- Corr																2	3
184.06	345	Maintain Transmissin UG line		0	0	0	0	0	0	0	0	0	0	0	0	0		29	
		Preventative														0			
184.06	347	Maintain Transmission UG line		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Corrective														0			
184.06	348	Maint Substation Trans Equip-Prev																2	
184.06	350	Maint Substation Trans Equip - Corr																3	
184.06	360	Make Emergency Trans Oh line		1	1	1	1	1	1	1	1	1	1	1	1	12			
		Repairs - Caused by external														0			
		party														0			
184.06	361	Make Emergency Trans UG Line		0	0	0	0	1	1	1	1	0	0	0	0	4			
		Repairs - Caused by external														0			
		party														0			
184.06	364	Make Emergency Trans UG line		3	3	3	2	2	2	2	2	2	2	2	2	27			4
		Repairs- Storm														0			
184.06	365	Make Emergency Trans Ug line		3	3	3	2	2	2	0	2	2	2	2	2	25			
		Repairs - Storm														0			
184.06	376	Dispatch & Monitor Generation		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Transmission Scada Resources														0			
184.06	377	Dispatch & Monitor Dist. SCADA		0	0	0	0	0	0	0	0	0	0	0	0	0			
		Operate & Maintain Trans Facilities		28	28	28	28	27	27	25	27	28	28	28	28	320			
184.06	400	Perform Dist. Planning Studies		2	2	2	2	22	2	2	2	2	2	2	2	44			37.25
184.06	401	Perform Reliability Dist. Studies		0	0	0	0	0	0	0	0	0	0	0	0	0	123.08		
184.06	402	Develop & Maintain Distribution		0	0	0	0	0	0	0	0	0	0	0	0	0		4	
		Standards and Specs														0			
		Plan, Engineer, Design, Construct, Dist.		0	0	0	0	0	0	0	0	0	0	0	0	0			

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184.06	455	Develop & Maintain Distrib Operate		35	18	14	24	30	20	2	21	15	24	15	17	235	24.78	269.75		
		Insp & Maint Proced														0				
184.06	456	Compile & Update Distribution		17	8	8	17	18	8	28	23	15	17	1	0	160	160.83	150.25	5	
		Maps & Prints														0				
184.06	457																		2	
184.06	458	Perform Distribution OH line		0	0	0	0	0	0	0	0	0	0	0	0	0	375.83	8		
		Inspection - Pred/Preventative														0				
184.06	459	Perform Distribution UG line		5	5	5	5	5	5	5	5	5	5	5	4	59	132.33	11		
		Inspection - Pred /Preventative														0				
184.06	461	Operate Dist Facilities		10	10	10	0	10	10	10	10	10	10	10	10	110	147.92	120.75		
184.06	462	Operate Dist Facilities- UG															9			
184.06	464	Coordinate & locate UG Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0				
		((Toneouts)														0				
184.06	470	Maintain Distribution Recording		0	0	0	0	0	0	0	0	0	0	0	0	0				
		Equipment														0				
184.06	472	Test, Restore & Replace Dist														0	10.5			
184.06	473	Maintain Distribution oh lines-Prev		1	1	1	0	1	1	1	1	1	1	1	1	11		9.75		
184.06	475	Maintain Distribution Oh lines-Corr		7	7	7	6	7	7	7	7	7	7	7	7	83		83.5		
184.06	476	Maintain Distribution UG lines-Prev		4	13	44	0	12	28	10	10	10	10	10	5	156	126.23	7		
184.06	478	Maintain Distribution UG lines-Corr														0				
184.06	479	Maintain Distributn OH line transf.		1	1	1	1	1	1	1	1	1	1	1	1	12		10		
		Preventative														0				
184.06	481	Maint Dist OH Line Trans															2.75			
184.06	482	Maintain Distribution UG line transf.		0	0	0	0	0	0	0	0	0	0	0	0	0				
		Preventative														0				
184.06	485	Maint Substation Dist															2			
184.06	492	Maint Dist Tools & Equip																90.75		
184.06	500	Make Emergency oh line repairs		0	0	0	0	0	0	0	0	0	0	0	0	0				
		caused by external party														0				
184.06	501	Make Emergency ug line repairs		0	0	0	0	0	0	0	0	0	0	0	0	0				
		caused by external party														0				
184.06	504	Make Emergency oh line transf.		0	1	2	1	1	1	1	1	1	1	1	2	13				
		repairs - caused by external party														0				
184.06	505	Make Emergency Dist. ug line				2	2	2	2	2	2	2	2	2	3	21				
		transf. repairs- caused by external														0				
		party														0				
184.06	507	Make Emergency Dist Oh line		0	8	8	4	4	2	4	8	6	5	2	3	56	10		9.5	
		repairs- storm														0				
184.06	508	Make Emergency Distr. Ug line														0	3			
		repairs- storm														0				
184.06	511	Make Emergency Distr. oh transf.		0	0	6	6	6	4	4	8	6	5	3	3	53				
		repairs -storm														0				
184.06	512	Make Emergency Distr. ug Transf.		0	2	2	2	2	2	2	2	2	2	1	2	21				
		repairs - storm														0				
184.06	513	Make Emergency Dist. Meter Rep		2	1	2	2	2	2	2	2	2	2	1	2	22				
		Storm														0				
		Operate & Maintain Dist. Facilities		82	75	114	70	101	93	79	101	85	92	60	60	1012				
		TOTAL		196	180	204	180	204	196	188	204	188	196	196	188	2320	2345.6	1983	917.58	
				0	0	0	0	0	0	0	0	0	0	0	0	0				

Inep

Account	Dr-Inep	EE:150 Year 2005		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
			2	352	320	368	320	368	352	336	368	336	352	352	336	4160						
		Holiday		16	16	0	16	16	16	16	16	16	16	48	32	224						
		Vacation		20	20	20	20	20	20	20	20	20	20	20	20	240						
		Sick		12	12	12	12	12	12	12	12	12	12	12	12	144						
		Balance		304	272	336	272	320	304	288	320	288	304	272	272	3552						
		OT		18	18	18	18	18	18	18	18	18	18	18	18	216						
		Balance		322	290	354	290	338	322	306	338	306	322	290	290	3768						199
		O&M	0.53	171	154	188	154	179	171	162	179	162	171	154	154	1999						1514
			apw	48	48	32	48	48	48	48	48	48	48	80	64	608						1703
			total	219	202	220	202	227	219	210	227	210	219	234	218	2607						
		Capital	0.47	151	138	166	136	159	151	144	159	144	151	138	138	1768						
				370	338	386	338	386	378	354	386	354	370	370	354	4376						
	98		apw	48	48	32	48	48	48	48	48	48	48	80	64	608						
		753 Maintain Relations with Community		0	0	0	0	0	0	0	0	0	0	0	0	0		14				
		767 Dev Mgr & Adm Recruit															2					
		777 Process Payroll																2				
926		789 Attend Training		5	5	5	5	5	5	5	5	5	5	5	6	61	70	60	32	28	0	64
925		797 Attend Safety Training		4	4	4	4	4	4	4	5	5	5	5	5	53	6	7	4	4		3.5
		806 Admin & Participate in Labor Grievances																		2		
		806 Manage B																			1.5	
		807 Mgr & Provide Companywide Communications																1				
580		877 Comply Ongoing Solid & Haz Waste		13	0	16	12	14	13	4	22	10	5	4	3	116				80.75	37.5	91
		Manage Employee Relations		22	9	25	21	23	22	13	32	20	15	14	14	230						
		325 Dev & Maint Trans Oper Insp															2					
		326 Compile & Update Trans Maps & Prints																	20			7
583		328 Perform Transmission OH Line Inspection Prev/Predictive		57	52	52	52	52	52	52	52	52	52	52	52	624	595 UPD	558	366.5	433	314.5	280.25
																0						
571		344 Maint Trans OH line - Corrective		1	1	1	1	1	1	1	1	1	1	1	1	12				16		8.5
		348 Maint Subst														0					3	
		350 Maint Subst Trans Equip - Cor														0				3		
		364 Make Emergency Trans UG line Repairs-Storm		0	0	0	0	0	0	0	0	0	0	0	0	0						
																0						
		Operate & Maintain Trans Facilities		53	53	53	53	53	53	53	53	53	53	53	53	636						
		277 Maint Int Combustion Eng															2					
		271 Maint Fuel																				
		280 Maint Steam																			8.5	
		402																				2
		446 Replace/Upgrade																			0	9.5
		455 Develop & Maintain Distrib Operate Insp & Maint Proced		0	0	0	0	0	0	0	0	0	0	0	0	0	2					2
588		456 Compile & Update		1	1	1	1	1	1	1	1	1	1	1	1	12					3	74
583		458 Perform Distribution OH line Inspection - Pred/Preventative		55	55	55	55	55	55	55	55	55	55	55	55	660	783.5 UPD	718	504	544	339	335.25
584		459 Perform Distribution Ug line Insp		25	21	32	11	33	25	26	26	19	32	19	19	292	234.5	73.5	22	292.5	141.5	13
		461 Operate Distribution Facilities-OH		0	0	0	0	0	0	0	0	0	0	0	0	0						
		462 Operate Distribution Facilities -UG														0		21.5				
		463 Operate Distribution Facilities- Substation		0	0	0	0	0	0	0	0	0	0	0	0	0						
584		464 Coord & Locate UG Facilities (Tonouts)		11	11	11	11	11	11	11	11	11	11	11	11	132		49	65	106	110.5	130
		470 Repair Distr Data Recording Equipment														0						
		471 Test, Treat & Remove Wooden Distribution Pole		0	0	0	0	0	0	0	0	0	0	0	0	0						
584		472 Test, Treat & Replace Di		1	1	1	1	1	1	1	1	1	1	1	1	12	16				4	7
		475 Maint Dist																			1	4
584		478 Maint Dist Ug		1	1	1	1	1	1	1	1	1	1	1	1	12	107				9	10
585		481 Maintain Distribution Oh Line Trans/-Correct		1	1	1	0	1	1	1	0	1	1	0	0	8	6					
		484 Maint Dist Ug line Transf																	9			
		495 Maint Substation Dist											0	0	0	0	4					
582		497 Maint Substation Dist		1	1	1	0	0	1	1	0	1	1	0	0	7	18				15	
		498 Maint Substation Dist															1					
		500 Make Emergency Dist Oh line Rep- Ext Party																		2		
583		507 Make Emergency Dist Oh line repairs- storm		0	0	7	0	0	0	0	0	0	0	0	0	7	6					
																0						
		Operate & Maintain Distribution Facilities		96	92	110	88	103	96	96	94	89	103	67	67	1123						
		601 Perform Meter Service Work														0						
		602 Perform Service Connection Work																		2	3	
		Provide Customer Service - Regulated		0	0	0	0	0	0	0	0	0	0	0	0	0						
		930 Mgr Construct & Re															8					
		932 Rpr Buildings & Grounds																5.5			9	
		TOTAL		219	202	220	202	227	219	210	227	210	219	234	219	2607	1856	1477	1017.5	1517.25	1012	1061
		933 Provide & Mgr Services - Security																				
				0	0	0	0	0	0	0	0	0	0	0	0	0						

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/04 Period To: 12/04 Format: HOT

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

Item Summary

		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDR098HELHCHDZZZZZ107	0.00	0	0.00	0
2	HDR098HELHDHZZZZZ107	68385.29	2130	68385.29	2130
Total		68385.29	2130	68385.29	2130

VAC [illegible]

SICK [illegible]

HOL 1002

TOT [illegible]

Item: Actions:

HSM963A

Date Printed	23 May 2005 09:56:22
Userid	lpayne
Program Name	msq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1.8 Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

BASTC

Account	DS-mati coord		EE.150																			
	LK/MO		Year 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
			2	352	320	368	320	368	352	336	368	336	352	352	336	4160						
		Holiday		16	16	0	16	16	16	16	16	16	16	48	32	224						
		Vacation		30	30	30	30	30	30	30	30	30	30	30	30	360						
		Sick		16	16	16	16	17	17	17	17	17	17	17	17	200						
		Balance		290	258	322	258	305	289	273	305	273	289	257	257	3376						
		OT		58	58	58	58	58	58	58	58	59	59	59	59	700						
		Balance		348	316	380	316	363	347	331	363	332	348	316	316	4076						
		npw		62	62	46	62	63	63	63	63	63	63	95	79	784						
		Balance		410	378	426	378	426	410	394	426	395	411	411	395	4860						
184.03	98		npw	62	62	46	62	63	63	63	63	63	63	95	79	784						
	720	Improve Business Process																				
163	777	Process Payroll		26	26	26	26	26	26	26	26	26	26	26	26	312		47	47	158.5	331	315.25
	788	Conduct Employee																			8.5	6
163	789	Attend Training		5	5	5	5	5	5	5	5	5	5	5	6	61		16.5	23.5	5.5	15.5	18.75
	795	Dev, Mge																			3	
163	797	Attend Safety Training		4	4	4	4	4	4	4	5	5	5	5	5	53	8.5	12	8.5	15.5	5	8.5
		Manage Employee Relations		35	35	35	35	35	35	35	36	36	36	36	37	426						
163	455	Dev & Maint Dist Oper Insp& Maint Proced		1	1	1	1	1	1	1	1	1	1	1	1	12				10	20	8.5
	479	Maint Dist OH Line Trans - Prev														0				1.5		
	492																					20
	507																					25
	511																					5
	805	Manage														0					7	
	806																					12.75
	807	Manage														0					2	6
	835	Prep & File														0					8	
	840																					1
	841	Interview & Qualify New Suppliers Cont.														0				2.5	2	
163	842	Order Materials, Eq , Supplies and Services		100	88	100	88	100	100	100	100	100	100	87	86	1149	296		130.5	530.75	1064.25	1195.42
163	843	Process Invoice & Other Payments		16	16	16	16	16	16	16	16	16	16	16	16	192				108	232.75	198.5
163	850	Process Material & Transactions		153	133	185	133	168	152	136	167	136	152	133	133	1781	1423	1217.5	1071.5	1330.5	1783	1574.5
163	852	Recover Investment & Materials - Direct Charge		0	0	0	0	0	0	0	0	0	0	0	0	0			18	13		2
163	853	Perform Inventory Control		42	42	42	42	42	42	42	42	42	42	42	42	504	51	414	397.5	469.75	603.25	497.25
163	877	Comply Ongoing		1	1	1	1	1	1	1	1	1	1	1	1	12					11.5	104.75
	878	Comply Ongoing																			4.5	
163	891	Ellipse		0	0	0	0	0	0							0				0.5	5	
163	899	Maintain Applications																8				
		Manage Materials & Outside Services		313	281	345	281	328	312	296	327	296	312	280	279	3630						
			TOTAL	410	378	426	378	426	410	394	426	395	411	411	395	4860	1778.5	1715	1698.5	2666	4104.25	3999.17
				0	0	0	0	0	0	0	0	0	0	0	0	0						

Account	DS-SUPERVISOR																					
		DL																				
	TCS		2500 hours	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Recorded	2000 Recorded	2001 Recorded	2002 Recorded	2003 Recorded	2004 Recorded
			Year 2006	176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		0	24	0	24	0	32	0	40	40	0	40	0	200						
		Sick		0	0	8	0	0	0	0	8	0	0	8	0	24						
		Balance		168	128	176	128	176	136	160	128	120	168	104	152	1744						
		CLEARING	100%	168	128	176	128	176	136	160	128	120	168	104	152	1744						
			OT	7	7	7	7	7	7	7	7	7	7	7	7	84						
			npw	8	32	8	32	8	40	8	56	48	8	72	16	336						
			TOTAL	183	167	191	167	191	183	175	191	175	183	183	175	2164						
184.03	98		npw	8	32	8	32	8	40	8	56	48	8	72	16	336						
	320	Manage Trans Construct															3					
	325	Dev & Maint Tr Oper, Insp & Maint Proced																	6	4		
	326	Compile & Update Trans															1					
	365	Make Emergency Trans UG Line Rprs-Storm																		12		2
	459	Perform Dist UG Line Inspect- Pred/Prev																	5			
	462																					16
	473	Maint Dist Oh Lines- Prev																2				
	479	Maint Dist Oh Line Transf- Prev																3		1.5		
	492	Maintain Distribution															0					
	614	Process Verify & mail Customer Bills																1				
	700	Develop & Admin. Business Plans		0	0	0	0	0	0	0	0	0	0	0	0	0	6	5			2	
	701	Develop & Manage Forecasts		0	0	0	0	0	0	0	0	0	0	0	0	0	16					
	720	Improve Business Processes		0	0	0	0	0	0	0	0	0	0	0	0	0	159	270	90			
	721	Develop Measures & Analyze Org		0	0	0	0	0	0	0	0	0	0	0	0	0	41					
		Performance														0						
163	722	Design, Deploy & Assess Org		11	11	11	11	11	11	11	11	11	11	11	15	136	7		181	189.5	176	64.5
		Development														0						
		Plan & Improve the Business		11	11	11	11	11	11	11	11	11	11	11	15	136						
163	735	Prepare & Support Rate Case		4	4	4	4	4	4	4	4	4	4	4	0	44						
		Filings														0						
		Paul Inputted		4	4	4	4	4	4	4	4	4	4	4	0	44						
163	738	Prepare & Support Other PUC		0	0	0	0	0	0	0	0	0	0	0	0	0						
		Regulatory														0						
163	749	Maintain Relations with Industry,		1	1	1	1	1	1	1	1	1	1	1	1	12	83	55	67	34	5	4
		Profession														0						
163	750	Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0						
	760	Coord, Conduct & Assist with		0	0	0	0	0	0	0	0	0	0	0	0	0	16					
		Audit- Internal														0						
	761	Coord, Conduct & Assist with														0						
		Audit- External														0						
		Manage Corporate Relations		1	1	1	1	1	1	1	1	1	1	1	1	12						

DS

	767	Develop, Manage & Admin Recruit	0	0	0	0	0	0	0	0	0	0	0	0	0			6	1		
		Policies													0						
163	777	Process Payroll	4	4	4	4	4	4	4	4	4	4	4	4	48	94	50	43	49	50.5	48
163	785	Plan for & determine Employee	2	2	2	2	2	2	2	2	2	2	2	2	24	16					
		Training & Development													0						
	786	Mgs & Admin Apprenticeship Prog															2	1			
163	787	Develop Employee Training	0	0	0	0	0	0	0	0	0	0	0	0	0	6					
163	788	Conduct Employee Training	1	1	1	1	1	1	1	1	1	1	1	1	12	7				13	
163	789	Attend Training	2	2	2	2	2	3	3	3	3	3	3	3	31	21	127	36	30	20.5	13.5
163	797	Attend Safety Training	2	2	2	2	2	2	2	2	2	3	3	3	27	10	10	16.5	15	12	7.5
163	806	Administer & Participate in Labor	1	1	1	1	1	1	1	1	1	1	1	1	12						
		Grievances													0						
163	807	Manage & Provide Companywide	0	0	0	0	0	0	0	0	0	0	0	0	0	2					
		Employee Communications													0						
		Manage Employee Relations	12	12	12	12	12	13	13	13	13	14	14	14	154						
163	841	Interview & Qualify New Suppliers	0	0	0	0	0	0	0	0	0	0	0	0	0	53	42	83		4	
		Contractors													0						
163	842	Order Materials, Eq., Supplies and	43	43	43	43	43	43	43	43	43	43	43	43	516	484	595	596	576	512	526.5
		Services													0						
163	843	Process Invoices & Other Payments	3	3	3	3	3	3	3	3	3	3	3	3	36	375	411	332	27	39.5	50.5
163	844	Prepare & Manage Contracts for	0	0	0	0	0	0	0	0	0	0	0	0	0	92	60	80			
		Services & Materials													0						
163	850	Process Material & Transactions	36	0	39	13	4	17	45	45	13	37	34	28	311	510	148	238	368	331.5	424.5
163	853	Perform Inventory Control	65	61	70	48	105	51	47	15	39	62	1	55	619	67	193	214.5	456	646.5	662.5
	877	Comply Ongoing - Solid & Haz Waste																15	7	11.5	15
163	891	Elipse	0	0	0	0	0	0	0	0	0	0	0	0	0					54	
		Manage Materials & Outside Services	147	107	155	107	155	114	138	106	98	145	81	129	1482						
															0						
		TOTAL	183	167	191	167	191	183	175	191	175	183	183	175	2164	2069	1974	2020	1760	1878	1834.5
			0	0	0	0	0	0	0	0	0	0	0	0	0						

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Account	DS-stores		EE:150 Year: 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
			4	704	640	736	640	736	704	672	736	672	704	704	672	8320						
		Holiday		32	32	0	32	32	32	32	32	32	32	96	64	448						
		Vacation		40	40	40	40	40	40	40	40	40	40	40	40	480						
		Sick		19	19	19	19	19	19	19	19	20	20	20	20	232						
		Balance		613	549	677	549	645	613	581	645	580	612	548	548	7160						
		OT		39	39	39	39	40	40	40	40	40	40	40	40	476						
		Balance		652	588	716	588	685	653	621	685	620	652	588	588	7636						
		NPW		91	91	59	91	91	91	91	91	92	92	156	124	1180						
		Balance		743	679	775	679	776	744	712	776	712	744	744	712	8796						
184.03	98		npw	91	91	59	91	91	91	91	91	92	92	156	124	1180						
	350	Maint of Subst Trans Equip- Corr																				
	272																			9		
	364	Make Emerg Trans OH Line Rprs-Storm																				1
	720	Improve Business Process																2				
	722	Design, deploy & Assess Org Dev																		4		
	723	Manage & Admin Incentive Recog Programs																		27		
	749	Maint Rel w/ Ind , Prof, & Trade																		1		
	753	Maintain Relations with Community																		8		
163	777	Process Payroll		12	12	12	12	12	12	12	12	12	12	12	12	144		195	189	176.5	132.5	136.5
	788	Conduct Employee Training																	10		6	
163	789	Attend Training		15	15	15	15	15	15	16	16	16	16	16	16	186	42	39	72.25	51.58	49.5	47.17
163	797	Attend Safety Training		10	10	10	10	10	10	10	10	10	10	11	11	122	25	45	29.5	60.83	36	22
		Manage Employee Relations		37	37	37	37	37	37	38	38	38	38	39	39	452						
	455	Dev & Maint Dist Oper Insp & Maint Proced																		4.25		
	475	Maint Dist I																			3	
	478	Maint Dist UG Line Transf - Corr																		1		
	481	Maint Dist Oh Line Transf - Corr																				
163	492	Dist. Tools & Equip.		138	138	138	138	138	138	138	138	138	138	138	138	1656	111	1878	1662	991	292.5	454.1
	506	Make Emerg Dist Oh Line Rep - Ext Party																		1		
	507	Make Emerg Dist OH Line -Storm																	8	6.25		
	511	Make Emerg Dist OH Line Trfmr Rep-Storm																56.5				
	805	Manage																			2.5	
	841	Interview & Qualify New Suppliers Cont.														0						
163	842	Order Materials, Eq , Supplies and Services		0	0	0	0	0	0	0	0	0	0	0	0	0				30		50.5
	843																					27.5
163	850	Process Material & Transactions		466	402	530	402	499	467	434	498	433	465	400	400	5396	8630.9	6430.97	4912.58	4794.5	4836.67	4013.45
163	852	Recover Investment & Materials - Direct Charge		0	0	0	0	0	0	0	0	0	0	0	0	0	34	1				
163	853	Perform Inventory Control for Materials		11	11	11	11	11	11	11	11	11	11	11	11	132		143	128	141	130.5	116.17
	877																					63.75
	931	Care of Buildings and Grounds																		8		
	950	Provide & Mngr Risk Mgmt Svcs- Liability														0		7				3.5
		Manage Materials & Outside Services		615	551	679	551	648	616	583	647	582	614	549	549	7184						
			TOTAL	743	679	775	679	776	744	712	776	712	744	744	712	8796	8842.9	8597.47	7009.33	6313.91	5289.17	4935.64
				0	0	0	0	0	0	0	0	0	0	0	0	0						

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/04 Period To: 12/04 Format: HOT

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

	Item	Summary				
			MONTH		YEAR TO DATE	
		ACCOUNT	ACTUAL $	HRS	Actual $	HRS
3	1	HDS098HELNCNHD2ZZZZ107	0.00	0	0.00	0
4	2	HDS098HELNDNH2ZZZZ107	63053.51	2436	63053.51	2436
15	Total		63053.51	2436	63053.51	2436

VAC 1120

SICK 480

HOL 896

TOT 2496

Items Action

Date Printed	23 May 2005 09:56:38
Userid	jpayne
Program Name	mrq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 8 Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MINSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/04 Period To: 12/04 Format: SUM

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

	Item	Summary		
1		ACCOUNT	ACTUAL	BUDGET
2	1*	HD9952HZLNCNHDZZZZ640	532149.05	0.00
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15	Total		532149.05	0.00

Actions

SM943A

Date Printed	1 June 2005 13:49:05
Userid	jpayne
Program Name	msq000.exe
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSQMUI00Main

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Demo Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: [illegible] Account To:

Description:

Period From: 01/03 Period To: 12/03 Format: SUM

Account Level: 00 Nodal Level: 00 Budget:

GL Account Stat: Plan Account Stat:

Item	Summary		
	ACCOUNT	ACTUAL	BUDGET
1*	[illegible]	533836.90	0.00
10 Total		533836.90	0.00

Action:

Date Printed	1 June 2005 13:49:20
Userid	jpayne
Program Name	[illegible]
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	5.2.3.2
File Version	5.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	frmMSGMUI00Main

DW

Account	DW-ASST. SUPERINTENDENT																					
		Vacancy															1999	2000	2001	2002	2003	2004
	TCS		2700 hours	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
			Year 2006	176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		0	0	0	0	0	0	24	24	0	80	0	72	200						
		Sick		0	0	8	0	8	0	0	0	0	0	0	8	24						
		Balance		168	152	176	152	168	168	136	152	160	88	152	72	1744						
			OT	58	58	58	58	58	58	58	58	58	58	58	58	696						
		Balance		226	210	234	210	226	226	194	210	218	146	210	130	2440						
		O&M/chg	98%	221	206	229	206	221	221	190	206	214	143	206	127	2391						
			npw	8	8	8	8	16	8	32	32	8	88	24	96	336						
			total	229	214	237	214	237	229	222	238	222	231	230	223	2727						
		CAPITAL	2%	5	4	5	4	5	5	4	4	4	3	4	3	49						
184.03	98		npw	8	8	8	8	16	8	32	32	8	88	24	96	336						
184.06	720	Improve Business		8	8	8	8	8	8	8	8	8	8	8	8	96					91.5	16
184.06	721															0					33.5	20
184.06	722	Design, Deploy & Assess Org Develop Strat		55	41	63	41	55	58	24	41	48	0	39	0	463		450.5	7		55	44
184.06	749	Maint Relations with Ind Prof														0	2					
184.06	750	Maintain Relations with Customers		3	3	3	3	3	3	3	3	3	3	3	3	36		1			32	30
184.06	753																					10
184.06	767	Dev, Mgs & Adm Recr		4	4	4	4	4	4	4	4	4	4	4	4	48	2				49	24
184.06	777	Process Payroll		8	8	8	8	8	8	8	8	8	8	8	8	96	2				91.5	182
184.06	785	Plan for & determine Employee		2	2	2	2	2	2	2	2	2	2	2	2	24	2				22	60
184.06		Training & Development														0						
184.06	786																				4	38
184.06	787	Develop Employee Training		1	1	1	1	1	1	1	1	1	1	1	1	12					16	
184.06	788	Conduct Employee Training		4	4	4	4	4	4	4	4	4	0	4	4	44					42	
580	789	Attend Training		3	3	3	3	3	3	3	3	3	3	4	4	38	42				32	38
580	797	Attend Safety Training		3	3	3	3	3	3	3	3	3	3	3	3	36	12.5	8				
184.06	805	Negotiate BU & Other Labor															1					
184.06	806	Administer & Participate in Labor														0						
184.06		Grievances														0						
184.06	807	Manage & Provide Companywide		0	0	0	0	0	0	0	0	0	0	0	0	0						
		Employee Communications														0						
		Manage Employee Relations		83	69	91	69	83	84	52	69	76	24	69	29	797						
184.06	841	Interview & Qualify New Suppliers						0			0	0				0						28
184.06		Contractors														0						
184.06	842	Order Materials, Eq., Supplies and		3	3	3	3	3	3	3	3	3	3	3	3	36					49	71.5
184.06		Services														0						
184.06	843	Process Invoices & Other Payments		26	26	26	26	26	26	26	26	26	26	26	21	307	387	174			313.5	371
184.06	844	Prepare & Manage Contracts for		29	29	29	29	29	29	29	29	29	16	29	0	306	495	501	7		183	356.5
184.06		Services & Materials														0	-					
184.06	850	Proces Materials & Transactions														0	983.25					
184.06	852	Recover Investment & M														0	52.5					
184.06	877																					13
184.06	899	Maintain Applications															550	5				
		Manage Materials & Outside Services		58	58	58	58	58	58	58	58	58	45	58	24	649						

184.06	931	Care for buildings & Grounds														4			14	6
184.06	932																			23
184.06	320	Manage Transmission Construction	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Projects													0					
		Plan, Engineer, Design, Construct, Trans.	0	0	0	0	0	0	0	0	0	0	0	0	0					
184.06																				
184.06	325	Develop & Maintain Trans Oper.	0	0	0	0	0	0	0	0	0	0	0	0	0					
184.06		Inspect & Maint Proced	0												0					
560	328	Perform Transmission OH Line	21	21	21	21	21	21	21	21	21	21	21	21	252		8		183	253
		Inspection Prev/Pred													0					
184.06	329	Perform Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Inspection Prev/Pred													0					
184.06	331	Operate Trans Facilities-OH line													0		1			
184.06	342	Maint Trans OH Line - Prev	0	0	0	0	0	0	0	0	0	0	0	0	0		11		45	
184.06	344	Maint Trans OH Line - Corr													0		9		9	10
184.06	345	Maintain Transmissin UG line	0	0	0	0	0	0	0	0	0	0	0	0	0		2			
		Preventative													0					
184.06	347	Maintain Transmission UG line	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Corrective													0					
184.06	348	Maint Substation Trans Equip - Prev													0		2			
184.06	361	Make Emergency Trans UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Repairs - Caused by external													0					
		party													0					
184.06	364	Make Emergency Trans OH Line Rprs-Storm															6		2	
		Operate & Maintain Trans Facilities	21	21	21	21	21	21	21	21	21	21	21	21	252					
	402	Develop & Maint Dist SI														16				
	408	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	68				
	416	Construct Distribution Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0					
		UG Line													0					
	420	Manage Distribution Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	48				
		Projects													0					
		Plan, Engineer, Design, Construct, Dist.	0	0	0	0	0	0	0	0	0	0	0	0	0					
	445	Repl/Upgrd																	3	
184.06	455	Develop & Maintain Distrib Operate	4	4	4	4	4	4	4	4	4	4	4	4	48		16		40	68
		Insp & Maint Proced													0					
184.06	456	Compile & Update Distribution	2	2	2	2	2	2	2	2	2	2	2	2	24				30	
		Maps & Prints													0					
184.06	457	Read, analyze & test distribution	1	0	1	0	1	0	1	0	1	0	1	0	6	4	1			
		data recording equipment													0					
184.06	458	Perform Distribution OH line	20	20	20	20	20	20	20	20	20	20	20	20	240		8		290	235
		Inspection - Pred/Preventative													0					
184.06	459	Perform Distribution UG line	2	2	2	2	2	2	2	2	2	2	2	2	24				28	18
		Inspection - Pred /Preventative													0					
184.06	461	Operate Distribution Facilities-OH	0	0	0	0	0	0	0	0	0	0	0	0	0					4
184.06	462	Operate Distribution Facilities -UG	0	0	0	0	0	0	0	0	0	0	0	0	0		2			
184.06	464	Coordinate & locate UG Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0					
		((Toneouts)													0					
184.06	470	Maintain Distribution Recording	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Equipment													0					
184.06	471	Test, treat & Restore Wooden	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Pole													0					
184.06	472	Test, Treat & replace distribution	0	0	0	0	0	0	0	0	0	0	0	0	0					
		primary cable													0					

DW

184.06	473	Maintain Distribution oh lines-Prev	2	2	2	2	2	2	2	2	2	0	2	0	20	16	9			4.5	10
184.06	475	Maintain Distribution Oh lines-Corr	2	2	2	2	2	2	2	2	2	0	2	0	20	8	26			7	3
184.06	476	Maintain Distribution UG lines-Prev	0	0	0	0	0	0	0	0	0	0	0	0	0		12				
184.06	478	Maintain Distribution UG lines-Corr	1	1	1	1	1	1	1	1	1	0	1	0	10	13	9				6
184.06	479	Maintain Distributn OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0	76.75					
		Preventative	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	481	Maintain Distribution OH line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0	8					
184.06		Corrective													0						
184.06	482	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0		4				4
184.06		Preventative													0						
184.06	484	Maintain Distribution UG line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Corrective													0						
184.06	492	Maintain Distribution Tools & equip.	0	0	0	0	0	0	0	0	0	0	0	0	0	710.5					
184.06	493	Maintain Customer & Street Light	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Facilities													0						
184.06	495																				
184.06	500	Make Emergency oh line repairs	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		caused by external party	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06	501	Make Emergency ug line repairs	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		caused by external party													0						
184.06	504	Make Emergency oh line transf.	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		repairs - caused by external party													0						
184.06	505	Make Emergency Dist. ug line	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		transf. repairs- caused by external													0						
184.06		party													0						
184.06	507	Make Emergency Dist Oh line	6	6	6	6	6	6	6	6	6	6	6	6	72					37.5	119.5
184.06		repairs- storm													0						
184.06	508	Make Emergency Distr. Ug line	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		repairs- storm													0						
184.06	511	Make Emergency Distr. oh transf.	0	0	0	0	0	0	0	0	0	0	0	0	0		7.5				
184.06		repairs -storm													0						
184.06	512	Make Emergency Distr. ug Transf.	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		repairs - storm													0						
184.06	513	Make Emergency Dist. Meter Rep	0	0	0	0	0	0	0	0	0	0	0	0	0						
184.06		Storm													0						
184.06	600	Respond to Customer	19	19	19	19	19	19	19	19	19	19	19	19	228					191	216
184.06	602																			5.5	
		Operate & Maintain Dist. Facilities	59	58	59	58	59	58	59	58	59	53	58	53	692						
		TOTAL	229	214	237	214	237	229	222	236	222	231	230	223	2726					1843	2257.5
			0	0	0	0	0	0	0	0	0	0	0	0	1						

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Account Dw-CREW EE:150
Year 2006

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
		13	2288	2080	2392	2080	2392	2288	2184	2392	2184	2288	2288	2184	27040						
	Holiday		104	104	0	104	104	104	104	104	104	104	312	208	1456						
	Vacation		123	123	123	123	123	123	123	123	124	124	124	124	1480						
	Sick		50	50	50	50	51	51	51	51	51	51	51	51	608						
	Balance		2011	1803	2219	1803	2114	2010	1908	2114	1905	2009	1801	1801	23496						
	OT		522	522	522	522	522	522	522	522	522	522	522	522	6264						
	Balance		2533	2325	2741	2325	2636	2532	2426	2636	2427	2531	2323	2323	29760						
															0						
	O&M	0.36	912	837	987	837	949	912	874	949	874	911	836	836	10714						
		npw	277	277	173	277	278	278	278	278	279	279	487	383	3544						
		total	1189	1114	1160	1114	1227	1190	1152	1227	1153	1190	1323	1219	14258						
	Capital	0.64	1621	1488	1754	1488	1687	1620	1554	1687	1553	1620	1487	1487	19046						
			2810	2602	2914	2602	2914	2810	2706	2914	2706	2810	2810	2706	33304						
184.03	98	npw	277	277	173	277	278	278	278	278	279	279	487	383	3544						
	701 Develop &Mge Forecasts																	6.5	12.5		
580	720 Improve Business Process		6	6	6	6	6	6	6	6	6	6	6	6	72	9.5				244.5	87
580	721 Develop Measures & Analyze Org Perform		1	1	1	1	1	1	1	1	1	1	1	1	12			19.5	63	14	
580	722 Design, Deploy & Assess Org Dev Strat		3	3	3	3	3	3	3	3	3	3	3	3	36			15	92	36	
580	749 Maint Rel wfind, Prof & Trade Assoc																		11		
580	750 Maintain Relation with Customers		6	6	6	6	6	6	6	6	6	6	6	6	72			104.5	73.5	7	
580	753 Maintain Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24		15	65.5	27	10.5	10
580	767 Dev, Mge &Adm recruit Pol, Prac & Proc		3	3	3	3	3	3	3	3	3	3	3	3	36			3	91.5	36	
588	777 Process Payroll		10	10	10	10	10	10	10	10	10	10	10	10	120			54.5	125	32	
580	785 Plan for & deter Emp Training & Dev Needs		3	3	3	3	3	3	3	3	3	3	3	3	36			31.5	52.5		
	786 Manage & Administer Apprenticeship Program														0		3	1.5		2	83
	787 Develop Employee Training														0	138.5		6	16		10
588	788 Conduct Employee Training		10	10	10	10	10	10	10	10	10	10	10	10	120		4.5	13	286	128	20
926	789 Attend Training		37	37	37	37	37	37	37	37	37	37	38	38	448	264	159	483.58	840.5	484.75	252.25
	795 Dev, Mnge & Admin Safety Prog & Training																	4	6		5
925	797 Attend Safety Training		38	38	38	38	38	38	39	39	39	39	39	39	462	350.5	429.17	319	260	437.83	176.5
	805 Negotiate BU and other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	8		1	5	7	
588	806 Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24		21	19.5	16.5	33	13
926	807 Manage & Provide Employee Communications		1	1	1	1	1	1	1	1	1	1	1	1	12	26.33		30.5	1	12	5
	841 Interview & Qual New Suppl/Contr/Consult																		2		
588	842 Order Matls & Equip		21	21	21	21	21	21	21	21	21	21	21	21	252			80	453.75	281	
588	843 Process Invoices & Other		45	45	45	45	45	45	45	45	45	45	45	45	540	38	32	290	628.75	541.25	44.5
588	844 Prep & Mge Contracts		8	8	8	8	8	8	8	8	8	8	8	8	96	26	24	300.5	333.5	105	
163	850 Process Material & Transactions		5	5	5	5	5	5	5	5	5	5	5	5	60		176.5	49	509		
163	852 Recover Investment & Matl		2	2	2	2	2	2	2	2	2	2	2	2	24			20			
595	877 Comply Ongoing Solid & Haz Waste, Oil rel		1	1	1	1	1	1	1	1	1	1	1	1	12				4		
	899 Maintain Applications															22.67	5				
	Manage Employee Relations		204	204	204	204	204	204	205	205	205	205	206	206	2456						
	112 Dev & Mge Customer Relationships																	6		9	
571	315 Construct Trans Facilities		6	6	6	6	6	6	6	6	6	6	6	6	72	8	101.5	28	8.5	70.5	148
	320 Manage Trans. Construct Projects														0						
	Plan, Engineer, Design, Construct, Trans.		6	6	6	6	6	6	6	6	6	6	6	6	72						

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584	459 Perform Distribution UG line Inspection - Pred /Preventative	13	13	13	13	13	13	13	13	13	13	13	13	156		66	17	188.5	13.5	10
583	461 Operate Distribution Facilities-OH	6	6	6	6	6	6	6	6	6	6	6	6	0 72			37	71	37	64
584	463 Operate Distribution Facilities -UG	12	12	12	12	12	12	12	12	12	12	12	12	144				154.5	72.5	7
	463 Operate Distribution Facilities- Substation	2	2	2	2	2	2	2	2	2	2	2	2	24		67.5	28	2		
584	464 Coordinate & locate UG Facilities ((Tonouts)	4	4	4	4	4	4	4	4	4	4	4	4	48			4.5	45.5	45.5	55
592	470 Repair Distr Data Recording Equipment	1	1	1	1	1	1	1	1	1	1	1	1	0 12	234	94	4.5		1	21
	471 Test, Treat & Restore Wooden Distribution Pole	0	0	0	0	0	0	0	0	0	0	0	0	0 0						
594	472 Test, Treat & replace distribution primary cable	20	20	20	20	20	20	20	20	20	20	20	20	240	102.5	262.75	150	103.5	204.75	360.5
593	473 Maintain Distribution oh lines-Prev	23	23	23	23	23	23	23	23	23	23	23	23	0 276	482.66	344.66	483.5	278.5	143.5	433.67
593	475 Maintain Distribution Oh lines-Corr	245	170	320	170	282	245	206	281	206	243	167	167	2702	2164.5	2185.91	1967.5	2036.92	2095.96	3334.26
594	476 Maintain Distribution UG lines-Prev	5	5	5	5	5	5	5	5	5	5	5	5	60	12	248	40	83.5	11	9
	477 Maintain Distribution UG	0	0	0	0	0	0	0	0	0	0	0	0	0	160	6				
594	478 Maintain Distribution UG lines-Corr	39	39	39	39	39	39	39	39	39	39	39	39	468	451.58	283.3	326.16	549.5	223.25	628
	479 Maintain Distribution Oh Line Transf- Prevent	0	0	0	0	0	0	0	0	0	0	0	0	0	341.5	20.75	5	14.5		10
595	481 Maintain Distribution Oh Line Transf-Correct	1	1	1	1	1	1	1	1	1	1	1	1	12	26.5	16			4	
595	482 Maintain Distribution UG line transf. Preventative	2	2	2	2	2	2	2	2	2	2	2	2	24	7		23.5	12.5	16	
595	484 Maintain Distribution UG line transf. Corrective	1	1	1	1	1	1	1	1	1	1	1	1	0 12	8.5		4	3		
592	485 Maintain Substation Distribution Equipment Preventitive	3	3	3	3	3	3	3	3	3	3	3	3	0 36	24	50	21	26.5	34	3
592	487 Maintain Substation Distribution Equipment- Corrective	3	3	3	3	3	3	3	3	3	3	3	3	0 36	16	20	20.42	5	43	27
591	488 Maint Substation Dist Structure - Prev	1	1	1	1	1	1	1	1	1	1	1	1	0 12				20.5		
	490 Maint Substation Dist Structure- Corr													0				12.25		
598	492 Maintain Distribution Tools & equip.	5	5	5	5	5	5	5	5	5	5	5	5	60	76	138.5	355.5	136.67	157.5	46
593	494 Perform Vegetation Management- Distribution	3	3	3	3	3	3	3	3	3	3	3	3	36	118.5	135.5	122	27	9	22
593	500 Make Emergency Dist Oh line Repairs- Caused by external party	8	8	8	8	8	8	8	8	8	8	8	8	96	28.5	50.5	141.33	107.08	88.5	116
	501 Make Emergency ug line repairs caused by external party													0 0						
	505 Make Emergency Dist. ug line transf. repairs- caused by external party													0 0 0						
593	507 Make Emergency Dist Oh line repairs- storm	62	62	62	62	62	62	62	62	62	62	62	62	744	159.78	369.92	398.25	126.5	506.5	1071
594	508 Make Emergency Distr. Ug line repairs- storm	1	1	1	1	1	1	1	1	1	1	1	1	0 12					14	12
595	511 Make Emergency Distr. oh transf. repairs -storm	1	1	1	1	1	1	1	1	1	1	1	1	0 12		42.5	61.5	13		
	Operate & Maintain Distribution Facilities	526	451	601	451	563	526	487	562	487	524	448	448	0 6074						

592 405 H0000988

176.04

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566	325 Develop & Maintain Trans Oper, Inspect & Maint Procedure	1	1	1	1	1	1	1	1	1	1	1	1	12				12	10.5	11
	326 Compile													0						
563	328 Perform Transmission Oh Line Inspection Prev/Predictive	22	22	22	22	22	22	22	22	22	22	22	22	264		10.5	71.75	279.5	1.5 167	30 281
	329 Perf Trans Ug Line Inspection - Prev /Pred													0						
563	331 Operate Transmission Facilities OH line	1	1	1	1	1	1	1	1	1	1	1	1	12		24	2	18.5	9	14
	333 Operate Transmission Facilities- Sub													0						
	341 Test, Treat, Restore Wooden Trans Pole	0	0	0	0	0	0	0	0	0	0	0	0	0				42.5		10
571	342 Maintain Transmission Oh Line Preventative OH line	3	3	3	3	3	3	3	3	3	3	3	3	36	13	59	660.25	35	41	41
571	344 Maintain Transmission Oh Line-Corrective	22	22	22	22	22	22	22	22	22	22	22	22	264	126.1	232.84	114.5	11.5	88	270
	347 Maintain Transmission UG line- Corrective													0						
570	348 Maintain Substation Trans Equip- Preventive	1	1	1	1	1	1	1	1	1	1	1	1	12		192.5	3	8	7.5	4.5
570	350 Maintain Substation Trans Equip-Corrective	9	9	9	9	9	9	9	9	9	9	9	9	108	7.5	102	23	108		
	351 Maint Substation Trans Struct-Prev													0		1				
571	355 Perform Vegetation Mgmt-Trans	3	3	3	3	3	3	3	3	3	3	3	3	36		13.33	2		29	
571	360 Make Emergency	4	4	4	4	4	4	4	4	4	4	4	4	48					48.5	47
571	364 Make Emergency Trans UG line Repairs-Storm	2	2	2	2	2	2	2	2	2	2	2	2	24	28	222.35	46	11	19.5	171.5
	365 Make Emergency Trans UG line Repairs-													0	4					
	Operate & Maintain Trans Facilities	68	68	68	68	68	68	68	68	68	68	68	68	816						
	402 Develop & Maintain Distribution Standards and Specs													0						7
	403 Engr & Design Dist Facilities													0	4			12	6	
	406 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	105					6
593	415 Construct Distribution Facilities	48	48	48	48	48	48	48	48	48	48	48	48	576	200.75	567.09	1142.5	468	499	732
	416 Construct Distribution Facilities UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0	80	180		6		
	417													0						2
	420 Manage Distribution Construction Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	71					
	425													0						
	Plan, Engineer, Design, & Construct Dist.	48	48	48	48	48	48	48	48	48	48	48	48	576						
593	445 Replace/Upgrade Exist Comm	15	15	15	15	15	15	15	15	15	15	15	15	180	225.25	137.5	133	168	181	92
594	446 Replace/Upgrade Exist Comm	1	1	1	1	1	1	1	1	1	1	1	1	12	10	2		8	10	7
593	447 Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	48	96	80	20	25.5	12
594	448 Repl/Upgr Exist Comm/Indus Facil-UG	1	1	1	1	1	1	1	1	1	1	1	1	12				8	14	105
568	455 Develop & Maintain Distrib Operate Insp & Maint Proced	5	5	5	5	5	5	5	5	5	5	5	5	60				127.5	41.5	48
568	456 Compile & Update Distribution Maps & Prints	15	15	15	15	15	15	15	15	15	15	15	15	180		9		65	185.17	290.5
566	457 Read, analyze & test distribution data recording equipment	6	6	6	6	6	6	6	6	6	6	6	6	72			105	108	66	114.17
563	458 Perform Distribution OH line Inspection - Pred/Preventative	20	20	20	20	20	20	20	20	20	20	20	20	240	10	9	160.5	258.5	200	82.5

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903	603 Respond to Customer Inquiries	31	31	31	31	31	31	31	31	31	31	31	31	372	7	13	175	492	371.5	270 17
586	601 Perform Meter Service Work	10	10	10	10	10	10	10	10	10	10	10	10	120	5	25	349.5	155 5	104	34
586	602 Perform Service Connection	3	3	3	3	3	3	3	3	3	3	3	3	36	84	217	175.5	204.5	30	13
	610 Read Billing Meters													0	4					
	614 Process, Verify & Mail Customer Bills	0	0	0	0	0	0	0	0	0	0	0	0	0			100	526		
903	619 Perform Disconnects	3	3	3	3	3	3	3	3	3	3	3	3	36	33	99 5	29 5	32	18.58	
	Provide Customer Service - Regulated	47	47	47	47	47	47	47	47	47	47	47	47	564						
573	917 Maint System & equip- Telecom	1	1	1	1	1	1	1	1	1	1	1	1	12			6	12		
586	931 Care for Buildings & Grounds	6	6	6	6	6	6	6	6	6	6	6	6	72		34	121	251	75	
580	932 Repair Buildings & Grounds	1	1	1	1	1	1	1	1	1	1	1	1	12			12.5	34	10	
580	933 Security	5	5	5	5	5	5	5	5	5	5	5	5	60				64		
	950 Provide & Manage Risk Management Services													0	49.75	2	10		3 5	5
	953 Provide & Manage Risk Management Services Workers Comp													0						
	Manage & Control Risks & Loss	13	13	13	13	13	13	13	13	13	13	13	13	156						
	Engr. Proj. fix O&M	0	0	0	0	0	0	0	0	0	0	0	0	0					99	
	TOTAL	1189	1114	1160	1114	1227	1190	1152	1227	1153	1190	1323	1219	14258	6408 87	7595 07	9405 24	10908 42	8551.04	9782.02
		0	0	0	0	0	0	0	0	0	0	0	0	0						

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Account	Dw-stores year: 2006	EE.150	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 Actuals	2002 Actuals	2003 Actuals	2004 Actuals
		1	176	160	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday	8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation	8	40		16	8		16	24	8	0	16	24	160						
		Sick	8	8	8	8	8	8	8	8	8	8	8	8	96						
		Balance	152	104	176	128	160	160	136	144	144	160	128	120	1712						
		OT	43	43	43	43	43	43	43	43	43	43	43	43	516						
		Balance	195	147	219	171	203	203	179	187	187	203	171	163	2228						
		Npw	24	56	8	32	24	16	32	40	24	16	48	48	368						
		Balance	219	203	227	203	227	219	211	227	211	219	219	211	2596						
184.03	98	npw	24	56	8	32	24	16	32	40	24	16	48	48	368						
	753	Maintain Relations with Community	0	0	0	0	0	0	0	0	0	0	0	0	0		23				
	777	Process Payroll															1				
163	789	Attend Training	3	3	3	3	3	3	3	3	3	3	4	4	38	38	21	118.5	22		
163	797	Attend Safety Training	3	3	3	3	3	3	3	3	3	3	3	3	36	2.5	42.5	18.5	12	12	
		Manage Employee Relations	6	6	6	6	6	6	6	6	6	6	7	7	74						
163	112	Develop Computer Application System- New																		42	
163	328	Perf Trans Oh Line Insp-Prev-Pred																184.5			
163	342	Maint Trans Oh Line Prev																4			
163	344	Maint Trans Oh Line Corr																2			
163	348	Maint Substation Trans Equip - Prev																	7.5		
163	350	Maint Substation Trans Equip-Corr															5.5		5.5		
163	364	Make Emergency Trans Oh Line Rprs-Storm															23				
163	455	Dev & Maint Dist Oper, Insp &Maint Procedure																4			
163	456	Compile & update dist Maps & Prints																31			
163	458	Perform Dist Oh Line Inspect - Pred/Prev																69.5			
163	470	Repair Dist Data Recording Equip																2			
163	472	Test, Restore & Repl Dist Primary Cable																14			
163	473	Maint Dist OH Line - Prev																27			
163	475	Maint Dist OH lines - Corr															2	17		0.5	
163	476	Maint Dist UG Line - Prev																1			
163	478	Maint Dist Ug Lines - corr																32.5			
163	482	Maint Dist Ug Line Transf -Prev																5			
163	485	Maint Subst Dist Equip - Prev																	1		
163	492	Maintain Distribution tools & Equip	30	30	30	30	30	30	30	30	30	30	30	30	360	710.5	766.25	355.5	656.51	308.5	361.33
163	507	Make Emerg Dist Oh Line Rprs-Storm																8			10
163	508	Make Emerg																		3	
163	602	Perform Service Connection Work																120.75			
163	720	Improve Business Process																191.25			
163	753	Maintain Relations with community																40.5			
163	806	Admin & Participate in Labor Grievences															1	1	1	2	
163	841	Interview & Qualify New Suppliers Corr													0						
163	842	Order Materials, Eq., Supplies and Services													0						
163	843	Process Invoices & Other Payments																2			
163	850	Process Material & Transactions	150	102	174	126	158	158	134	142	142	158	125	117	1686	983.25	2081	2447.34	3748.41	1684.33	1721.34
163	851	Reclaim/Refurbish Materials - Stock	0	0	0	0	0	0	0	0	0	0	0	0	0		112.25	109	119		
163	852	Recover Ir	0	0	0	0	0	0	0	0	0	0	0	0	0	52.5	20	28	2.5		
163	853	Perform Inventory Control for Mats	8	8	8	8	8	8	8	8	8	8	8	8	96		121.5	201.5	242.17	120.75	91
163	877	Comply Ongoing Solid & Haz Waste																	10.5		
	890	Develop Computer Application System- New															870.5				
590	931	Care of Buildings & Grounds	1	1	1	1	1	1	1	1	1	1	1	1	12		91	75	84		12
	932	Repair Buildings & Grounds															4	31	8		
		Manage Materials & Outside Services	189	141	213	165	197	197	173	181	181	197	164	156	2154						
		TOTAL	219	203	227	203	227	219	211	227	211	219	219	211	2596	1786.75	4141.5	4141.34	4920.09	2173.08	2195.67
			0	0	0	0	0	0	0	0	0	0	0	0	0						

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Account	Dw-insp	EE:150	2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	Actual 1999	Actual 2000	Actual 2001	Actual 2002	Actual 2003	Actual 2004
			1	176	180	184	160	184	176	168	184	168	176	176	168	2080						
		Holiday		8	8	0	8	8	8	8	8	8	8	24	16	112						
		Vacation		80					40		40		40			200						
		Sick		8	8	8	8	8	8	8	8	8	8	8	8	96						
		Balance		80	144	176	144	168	120	152	128	152	120	144	144	1672						
		OT		42	42	42	42	42	42	42	42	42	42	42	42	504						
		Balance		122	186	218	186	210	162	194	170	194	162	186	186	2176						
		O&M	0.33	40	61	72	61	69	53	64	56	64	53	61	61	715						
			new	96	16	8	16	16	56	16	56	16	56	32	24	408						
			total	136	77	80	77	85	109	80	112	80	109	93	85	1123						
		Capital	0.67	82	125	146	125	141	109	130	114	130	109	125	125	1461						199
				218	202	226	202	226	218	210	226	210	218	218	210	2584						1590
																						1789
184.03	98		new	96	16	8	16	16	56	16	56	16	56	32	24	408						
580	747	Mngs &Partic in Environ Initiatives		0	0	0	0	0	0	0	0	0	0	0	0	0			11.5			
580	753	Maintain Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24		15	1.5	7	20.5	
	787	Develop Employee Training																21.5	5		2	
926	789	Attend Training		2	2	3	3	3	3	3	3	3	3	3	3	34	23	50	34.5	23	4.6	8
925	797	Attend Safety Training		3	3	3	3	3	3	3	3	3	3	3	3	38	8.5	15	15	5.5	9.5	37
	806	Admin & Participate in Labor Grievances																1				
	807	Mgs & Provide Companywide Emp Comm																2		2	2.5	
	841	Interview&Qual New Supp/Contr/Consult																	2			
	842	Order Matls, Supplies, & Svcs																		3		
	843	Process Invoices & other payments																	0.5			
	917	Maintain System & equip - Telecom																5				
588	931	Care for buildings and Grounds		1	1	1	1	1	1	1	1	1	1	1	1	12				2.5	12	
	932	Repair Buildings & Grounds		0	0	0	0	0	0	0	0	0	0	0	0	0		2.5	27.5		3	
		Manage Employee Relations		8	8	9	9	9	9	9	9	9	9	9	9	108						
	328	Compile & Update Trans Maps & Prints																		1.5		
563	328	Perform Transmission OH Line Inspection Prev/Predictive		14	14	14	14	14	14	14	14	14	14	14	14	168	236.5	175.75	219.5	172.5	139	8
																0						
	333	Operate Trans Facilities - Substation																		2.5		
	342																					11
	344	Maint Trans OH Line - Corr																0.5				
	350	Maint Substation Trans Equip - Corr																		3		
	364	Make Emergency Trans UG line Repairs-Storm		0	0	0	0	0	0	0	0	0	0	0	0	0						
																0						
																0						
		Operate & Maintain Trans Facilities		14	14	14	14	14	14	14	14	14	14	14	14	168						
	402	Develop																			15.5	
	408	*Manage Dist Projects*															12					2
	455	Develop & Maintain Distrib Operate Insp & Maint Proced		0	0	0	0	0	0	0	0	0	0	0	0	0	14					
																0						
	456	Compile & Update Dist Maps & Prints		0	0	0	0	0	0	0	0	0	0	0	0	0		37.5	70.5	13.5	105	67
	457																				2	
583	458	Perform Distribution OH line Inspection - Pred/Preventative		14	14	14	14	14	14	14	14	14	14	14	14	168	291 UPD	63.5	43.5	168.5	125	
																0						
584	459	Perform Dist Ug Insp		0	20	29	19	27	11	22	14	22	11	19	19	213	250.58	107.25	109.5	245.5	217	
	461	Operate Distribution Facilities-OH		0	0	0	0	0	0	0	0	0	0	0	0	0						
	462	Operate Distribution Facilities -UG							0							0						
582	463	Operate Distribution Facilities- Substation		0	0	0	0	0	0	0	0	0	0	0	0	0						
584	464	Coordinate & Locate UG Facilities		4	5	6	5	5	5	5	5	5	5	5	5	60	7	29.5	30.5	94	62	44
	470	Repair Distr Data Recording Equipment														0						
	471	Test, Treat & Restore Wooden Distribution Pole		0	0	0	0	0	0	0	0	0	0	0	0	0						
																0						

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473																						
475	Maint Dist OH Line Transf														2							9
476	Maint Dist UG Lines - Prev																7	25				
478	Maint Dist UG	0	0	0	0	0	0	0	0	0	0	0	0	0	42.5		1.5	27.5		1.5		
479	Maint Dist OH Line Transf	0	0	0	0	0	0	0	0	0	0	0	0	0	28.75							
481	Maintain Distribution Oh Line Transf-Correct	0	0	0	0	0	0	0	0	0	0	0	0	0	18		2	2.5				
485	Maint Substation Dist Equip-Prev																	3				
487	Maint Substation Dist Equip-Corr													0			2					
492	Maint Dist Tools & Equip	0	0	0	0	0	0	0	0	0	0	0	0	0			53	88.33		94	44	
494	Perform Vegetation Mgmt													0	5			1				
500	Make Emerg Dist OH Line Rep-Ext Party																	1				
501																						
507	Make Emergency Dist Oh line	0	0	0	0									0							13	
	repairs- storm													0								
	Operate & Maintain Distribution Facilities	18	39	49	38	48	30	41	33	41	30	38	38	441								
600	Respond to Customer Inquiries																			2	2	3
601	Perform Meter Service Work													0								
619	Perform Disconnects	0	0	0	0	0	0	0	0	0	0	0	0	0	11.75							
	Provide Customer Service - Regulated	0	0	0	0	0	0	0	0	0	0	0	0	0								
	TOTAL	138	77	80	77	85	109	80	112	80	109	83	85	1123	945.58	0	555	0	710.33	0	832.5	868.5	189
		0	0	0	0	0	0	0	0	0	0	0	0	0								

Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)

File Items Edit Tools Help

OK Revert

ACCOUNT CODE BALANCES

Account From: Account

Description:

Period From: 01/04 Period To: 12/04 Format: HOT

Account Level: 00 No of Levels: 00 Budget:

GL Account Stat: Plan Account Stat:

Item	Summary				
		MONTH		YEAR TO DATE	
	ACCOUNT	ACTUAL $	HRS	Actual $	HRS
1	HDW098HZLNCMHDZZZZZ107	0.00	0	0.00	0
2	HDW098HZLNDMHZZZZZZ107	126410.37	4067	126410.37	4067
Total		126410.37	4067	126410.37	4067

VAC 2040
SICK 924
HOL 1792
TOT 4656 *

* NEW HIRES

Item Action

Date Printed	23 May 2005 09:58:28
Userid	jpayne
Program Name	mcq000.mm
Program Description	Review General Ledger Summary (HAWAII ELECTRIC LIGHT CO., INC.)
Version	001A
Revision	144.1 $ Date: Tuesday, February 10, 2004
Module	3001
Product Version	6.2.3.2
File Version	6.23.144.1
Location	D:\PROGRA~1\Mincom\MIMSOP~1\523~1.2\bin\
Compiled Date	25 February 2004 09:20
Form Name	fmMSQMUI00Main

H0000012

2006

Distribution 2006
Vegetation Management

ACCT.	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	HDA	355	HTM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	355	HTM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	355	HTM	NS	150	*TC	Arborist	20	20	20	20	20	20	20	20	20	20	20	20	240
568.00	HDA	355	HTM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
								20	20	20	20	20	20	20	20	20	20	20	20	240
	HDA	494	HDM	NS	150	*TC	Arborist	41	41	41	41	41	41	41	41	41	41	41	41	492
	HDA	494	HDM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	494	HDM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
590.00	HDA	494	HDM	NS	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
								41	41	41	41	41	41	41	41	41	41	41	41	492
	HDA	355	HTM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	355	HTM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	355	HTM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	355	HTM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	494	HDM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	494	HDM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	494	HDM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDA	494	HDM	NS	150	*Enblv	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
593.00	HDH	494	HAH	NE	150	DCREW	Crew	95	95	95	95	95	95	95	95	95	95	95	95	1140
571.00	HDH	355	HAH	NE	150	DCREW	Crew	13	13	13	13	13	13	13	13	13	13	13	13	156
593.00	HDK	494	HAK	NE	150	DCREW	Crew	30	30	30	30	30	30	30	30	30	30	30	30	360
571.00	HDK	355	HAK	NE	150	DCREW	Crew	6	6	6	6	6	6	6	6	6	6	6	6	72
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	D. Hudmen							0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	D. Block							0	0	0	0	0	0	0	0	0	0	0	0	0

2006

ACCOUNT

	HDK	355	HTM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	355	HTM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	355	HTM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	355	HTM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	494	HDM	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
593.00	HDW	494	HAW	NE	150	DCREW	CREW	3	3	3	3	3	3	3	3	3	3	3	3	36
511.00	HDW	353	HAW	NE	150	DCREW	CREW	3	3	3	3	3	3	3	3	3	3	3	3	36
	TOTAL							211	211	211	211	211	211	211	211	211	211	211	211	2532

H0000013

Distribution 2008
Overhead line inspection

ACCOUNT	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	HDC	458	HAH	NE	150	DTECHCREW	Crew	0	0	0	0	0	0	0	0	0	0	0	0	0
580.00	HDH	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
580.00	HDH	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
563.00	HDH	328	HAH	NE	150	DCREW	Crew	4	4	4	4	4	4	4	4	4	4	4	4	48
583.00	HDH	458	HAH	NE	150	DCREW	Crew	10	10	10	10	10	10	10	10	10	10	10	10	120
563.00	HDH	328	HAH	NE	150	DCREW	Crew	44	44	44	44	44	44	44	44	44	44	44	44	528
583.00	HDH	458	HAH	NE	150	DCREW	Crew	120	120	120	120	120	120	120	120	120	120	120	120	1440
560.00	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	12	12	12	12	12	12	12	12	12	12	12	12	144
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								12	12	12	12	12	12	12	12	12	12	12	12	144
580.00	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	20	20	20	20	20	20	20	20	20	20	20	20	240
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								20	20	20	20	20	20	20	20	20	20	20	20	240
560.00	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	328	HTO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
580.00	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*TC SUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0

2008

H0000013

Distribution 2008
Overhead line inspection

Account	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
563.00	HDK	328	HAK	NE	150	DCREW	DCREW	27	27	27	27	27	27	27	27	27	27	27	27	324
583.00	HDK	458	HAK	NE	150	DCREW	DCREW	58	58	58	58	58	58	58	58	58	58	58	58	696
563.00	HDK	328	HAH	NE	150	DINSPE	INSPECTOR	3	3	3	3	3	3	3	3	3	3	3	3	36
583.00	HDK	458	HAH	NE	150	DINSPE	INSPECTOR	7	7	7	7	7	7	7	7	7	7	7	7	84
580.00	HDK	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	458	HDO	NS	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
563.00	HDW	328	HAW	NE	150	Crew	Crew	22	22	22	22	22	22	22	22	22	22	22	22	264
583.00	HDW	458	HAW	NE	150	Crew	Crew	20	20	20	20	20	20	20	20	20	20	20	20	240
560.00	HDW	328	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	328	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	328	HTO	NS	150	*TCSUP	Asst. Superintendent	21	21	21	21	21	21	21	21	21	21	21	21	252
	HDW	328	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								21	21	21	21	21	21	21	21	21	21	21	21	252
580.00	HDW	458	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	458	HTM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	458	HDO	NS	150	*TCSUP	Asst. Superintendent	20	20	20	20	20	20	20	20	20	20	20	20	240
	HDW	458	HDM	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								20	20	20	20	20	20	20	20	20	20	20	20	240
563.00	HDW	328	HAH	NE	150	DINSPE	Inspector	14	14	14	14	14	14	14	14	14	14	14	14	168
583.00	HDW	458	HAH	NE	150	DINSPE	Inspector	14	14	14	14	14	14	14	14	14	14	14	14	168
563.00	HDR	328	HAH	NE	150	DINSPE	Inspector	52	52	52	52	52	52	52	52	52	52	52	52	624
583.00	HDR	458	HAH	NE	150	DINSPE	Inspector	55	55	55	55	55	55	55	55	55	55	55	55	660
583.00	HDR	458	HAH	NE	150	BUTCED	Dispatch	0	0	0	0	0	0	0	0	0	0	0	0	0
560.00	HDR	328	HTO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDR	328	HTO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDR	328	HTO	NS	150	TCSUP	Asst. Superintendent	1	1	1	1	1	1	1	1	1	1	1	1	12
	HDR	328	HTO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	1	1	1	1	1	1	1	1	1	1	12
580.00	HDR	458	HDO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDR	458	HDO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDR	458	HDO	NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDR	458		NS	150	TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL								524	524	524	524	524	524	524	524	524	524	524	524	6288

		1996	1997	1998	1999	2000	2001	2002	2003	2004	F 2006
328											
563.00	HDC										
ACCOUNT	HDH	8	17	6	118	247	295	379.5	572.5	240.0	576
	HDK	11	38	60	185.5	51.93	197.4	130.0	175.5	271.0	360
	HDR	422	306	307	593.0	558.0	366.5	433.0	314.5	290.25	624
	HDS										
	HDW	160	141	181	236.5	10.5	71.75	452.0	306.0	289.0	552
	TOT	601	502	554	1133	867.33	930.65	1394.5	1368.5	1090.25	2112
458											
583.00	HDC	6	11	—	—	—	—	—			
ACCOUNT	HDH	1906	959	1003	1354	1954	1453	2421	269.17	647.5	1360
	HDK	3	206	416	1060	484.88	272.41	406.02	268.59	528.25	780.0
	HDR	36	375	610	783.5	715	504	544	336.0	335.25	660
	HDS										
	HDW	1082	362	707	301.	9	160.5	425.0	325.0	92.5	432
	TOT	3033	1913	2736	3498.71	3062.88	2389.41	3796.02	1198.76	1593.5	3432

2008

Distribution 2008
TRAINING

ACCOUNT	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
184.060	H-DA	789	HED	NC	150	*TC	Staff Engineer	1	1	2	2	2	2	2	2	2	2	2	2	22
	H-DA	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	2	2	2	2	2	2	2	2	2	2	22
	H-DA	789	HED	NC	150	*TC	Administrator	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	1	1	1	1	2	2	2	2	2	2	18
	H-DA	789	HED	NC	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Arborist	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	1	1	1	1	2	2	2	2	2	2	18
	H-DA	789	HED	NC	150	*ENABLV	Manager	1	1	1	1	1	1	2	2	2	2	2	2	18
	H-DA	789	HED	NC	150	*ENABLV	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*ENABLV	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*ENABLV	Manager	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	1	1	1	1	2	2	2	2	2	2	18
	H-DA	789	HED	NC	150	*TC	Administrator-RK	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator-RK	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator-RK	0	0	0	0	0	0	0	0	0	0	0	0	0
	H-DA	789	HED	NC	150	*TC	Administrator-RK	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
926.00	HDC	789	HEL	NE	150	TECHCREW	TECHNICAL	51	51	51	51	51	52	52	52	52	52	52	52	619
184.060	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	4	4	4	4	4	4	5	5	5	5	5	5	54
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								4	4	4	4	4	4	5	5	5	5	5	5	54
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*FACSUP	Superintendent	2	3	3	3	3	3	3	3	3	3	3	3	35
	HDC	789	HED	NC	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*FACSUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								2	3	3	3	3	3	3	3	3	3	3	3	35

2006

H0000014

Distribution 2006
TRAINING

ACCOUNT	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
184.060	HDC	789	HED	NC	150	*BU-OC	Clerk	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*BU-OC	Clerk	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	789	HED	NC	150	*BU-OC	Clerk	0	0	1	1	1	1	1	1	1	1	1	1	10
	HDC	789	HED	NC	150	*BU-OC	Clerk	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	1	1	1	1	1	1	1	1	1	1	10
926.00	HDH	789	HEL	NE	150	DCREW	Crew	55	55	55	55	55	55	55	55	56	56	56	56	664
184.060	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	3	3	3	4	4	4	4	4	4	4	4	4	45
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								3	3	3	4	4	4	4	4	4	4	4	4	45
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*FAC-SUP	Superintendent	1	1	2	2	2	2	2	2	2	2	2	2	22
	HDH	789	HED	NC	150	*FAC-SUP	Superintendent													0
	HDH	789	HED	NC	150	*FAC-SUP	Superintendent													0
	HDH	789	HED	NC	150	*FAC-SUP	Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								1	1	2	2	2	2	2	2	2	2	2	2	22
	HDH	789	HED	NC	150	*TC	Trainer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC	Trainer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC	Trainer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDH	789	HED	NC	150	*TC	Trainer	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	11	11	11	11	12	12	12	12	12	12	12	12	140
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintendent		0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								11	11	11	11	12	12	12	12	12	12	12	12	140
926.00	HDK	789	HEL	NE	150	DINSPE	Inspector	1	1	1	1	2	2	2	2	2	2	2	2	20
163.00	HDK	789	HEL	NC	150	DWAREH	Warehouse	2	2	2	2	2	2	2	2	3	3	3	3	28
926.00	HDK	789	HEL	NE	150	DCREW	Crew	37	37	37	37	37	37	37	37	38	38	38	38	448
184.060	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintendent		0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*TC-SUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0

2008

H0000014

ACCOUNT	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Distribution 2008																			
	TRAINING																			
184.060	HDK	789	HED	NC	150	*FACSUP	superintendent	3	3	3	3	3	3	3	3	3	3	4	4	38
	HDK	789	HED	NC	150	*FACSUP	superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*FACSUP	superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDK	789	HED	NC	150	*FACSUP	superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								3	3	3	3	3	3	3	3	3	3	4	4	38
926.00	HDR	789	HEL	NE	150	DINSPE	Inspector	5	5	5	6	5	5	6	5	5	5	5	6	61
	HDR	789	HEL	NE	150	DMAPER	Mapper	0	0	0	0	0	0	0	0	0	0	0	0	0
184.060	HDR	789	HED	NC	150	*BU-TC	Dispatch Clerks	20	20	20	20	20	20	20	20	21	21	21	21	244
	HDR	789	HED	NC	150	TCSUP	Asst. Superintende	2	2	2	2	2	2	2	2	3	3	3	3	28
163.00	HDS	789	HEL	NC	150	*TCSUP	Supervisor	2	2	2	2	2	3	3	3	3	3	3	3	31
	HDS	789	HEL	NC	150	*BU-TC	Mat. Coordinator	5	5	5	5	5	6	6	5	5	5	5	6	64
	HDS	789	HEL	NC	150	DWAREH	Warehouse	15	15	15	15	15	15	16	16	16	16	16	16	186
926.00	HDW	789	HEL	NE	150	DCREW	Crew	37	37	37	37	37	37	37	37	37	37	38	38	446
	HDW	789	HEL	NE	150	DINSPE	Inspector	2	2	3	3	3	3	3	3	3	3	3	3	34
163.00	HDW	789	HEL	NC	150	DWAREH	Warehouse	3	3	3	3	3	3	3	3	3	3	4	4	38
184.060	HDW	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TC	Staff Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TCSUP	Asst. Superintende	3	3	3	3	3	3	3	3	3	3	4	4	38
	HDW	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDW	789	HED	NC	150	*TCSUP	Asst. Superintende	0	0	0	0	0	0	0	0	0	0	0	0	0
								3	3	3	3	3	3	3	3	3	3	4	4	38
							TOTAL	268	269	273	274	276	278	283	283	288	288	292	294	3346

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789	A 1996	A 1997	A 1998	A 1999	A 2000	A 2001	A 2002	A 2003	A 2004	F 2006
HDC 926.00	760	1056	1179	689	967	377 (135 CI; 221.5 TT)	339.5 (113 CI; 230 TT)	744.42 (175.5 CI; 556.37 TT)	1269.75 (CI 143.5; TT 1342.25)	619 (280 CI; 339 TT)
HDH 926.00	1429	2079	1493	1290	644	444 (62 CT; 359.5 CI; 5.0 TT)	384.0 (36 CT; 370 CI; 26 TT)	165.0 (66.5 CT; 89.0 CI; 39.5 TT)	249.0 (Crew CT 33.0; 237.0 CI Crew; 5.0 CI-TS; 5.0 TT-TS; 6.0 CT-TS)	664 (18 T; 4 T; CI 332 CI)
HDK 926.00	1823	2037	833	195	153.5	250 (165.5 CI; 81.75 TT)	351.5 (285.5 CI; 77.0 TT)	126.0 (28.0 CI; 190.00 TT)	696.75 (61.0 CT; 420.0 CI; 60.75 TT)	468 (136 TT)
HDR 926.00	283	414	173	70	55	50 (6.5 CT; 24.5 CI; 25.5 TT)	40.0 (6.0 CI; 22.0 TT)	34.0 (2.0 CI; 7.0 TT)	64.0 (CI 10.0; TT 54.0)	61.0 (21 TT; 40 CI)
HDS										
HDW 926.00	1355	989	831	287	209	483.58 (240 CI; 153.08 TT)	854.0 (273.5 CT; 442.5 CI; 129 TT)	507.25 (348.5 CT; 94.75 CI; 19.0 TT)	260.25 (CI 173.75; CT 31.5; TT 2.0)	480 (392 CI; 88 TT)
	5650	6575	4509	2531.33	2028.5	1604.58	1969.0	1576.67	2539.75	2292.

H0000014

ACCT.

DA				
Continuous Improvement Training				
194.04 Teacher Coach				
	Working			
	Leadership for Results			
	Drug Awareness	2		
	Workplace Violence/Sexual Harassment	2		
	Change Management	2		
	Huddle	2		
	Playbook Review	4		
Sub-total		12		
	3			
TC				
Total	TC	36		
Enabler				
	Working	0		
	Leadership for Results	0		
	Drug Awareness	2		
	Workplace Violence/Sexual Harassment			
	Change Management			
	Huddle	2		
	Playbook Review	4		
		0		
Subtotal		8		
	1			
	AVE	8		
		8		
	1			
Total	Enabler	8		

280C CI

ACCT.

DC										
Continuous Improvement Training										
Facilitator				Teacher Coach/Buoc				Implementor-		
	Working	0			Working	0			Working	0
	Leadership for Results	0			Leadership for Results	0			Leadership for Results	0
	Drug Awareness	2			Drug Awareness	2			Drug Awareness	2
	Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment				Workplace Violence/Sexual Harassment	
	Change Management	2			Change Management				Change Management	
	Huddle	2			Huddle	2			Huddle	2
	Playbook Review	8			Playbook Review	4			Playbook Review	4
				Sub-total		8		Subtotal		8
Subtotal		16			1				1	
	1				AVE	8			AVE	8
	AVE	16		TC		8				8
		16			1					
	1			Total	Teacher Coach	8				
Total	Facilitator	16							Working	56
									2	
184.06 BU-OC	Implementor	8								112
	1	8								
926C TECHCREW	Implementor	8								
	21	168								
	Working Class	112								
		280								
184.06 TCS	Teacher Coach Supt.	8								
	2	16								

26DH CI

ACCT.

OH										
Continuous Improvement Training										
Facilitator				Teacher Coach				Implementor-		
	Working	0			Working	0			Working	0
	Leadership for Results	0			Leadership for Results	0			Leadership for Results	0
	Drug Awareness	2			Drug Awareness	2			Drug Awareness	2
	Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment	2
	Change Management	2			Change Management	2			Change Management	0
	Huddle	2			Huddle	2			Huddle	2
	Playbook Review	4			Playbook Review	4			Playbook Review	4
				Sub-total		12		Subtotal		10
					2				1	
Subtotal		12				12			AVE	10
	1					12				10
	AVE	12		TC						
	0	12								
	1									
Total	Facilitator	12							Working	56
									3	
										168
184.040 TC-SUP	Teacher Coach	12		See above						
	2	24								
TC	Teacher Coach	12		See above						
	0	0								
926.00 OCREW	Implementor	10		See above						
	31	310								
	Working	168								
		478								
926.00 OINSPE		10		See above						
	0									
		0								

28DK CI

ACCOUNT

DK										
Continuous Improvement Training										
Facilitator				Teacher Coach				Implementor-		
	Working	0			Working	0			Working	0
	Leadership for Results	0			Leadership for Results	0			Leadership for Results	0
	Drug Awareness	2			Drug Awareness	2			Drug Awareness	2
	Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment	2
	Change Management	2			Change Management	2			Change Management	0
	Huddle	2			Huddle	2			Huddle	2
	Playbook Review	4			Playbook Review	4			Playbook Review	4
				Sub-total		12		Subtotal		10
					7				1	
Subtotal		12			AVE	12			AVE	10
	1					12			1 class per year	10
	AVE	12		TC						
		12								
	1									
Total	Facilitator	12							Working	56
									2	
										112
TC-SUP	Teacher Coach	12	See above							
	3	36								
	Leadership for Results	56		92						
OCREW	Implementor	10	See above							
	21	210								
		112								
		322								
OINSPE	Implementor	10								
	1	10								
OWAREH	Implementor	10								
	1	10								

184.060

926.00

926.00

163.00

26DR CI

ACCOUNT

	DR								
	Continuous Improvement Training								
	Facilitator			Teacher Coach			Implementor-		
		Working	0		Working	0		Working	0
		Leadership for Results	0		Leadership for Results	0		Leadership for Results	0
		Drug Awareness	0		Drug Awareness	0		Drug Awareness	2
		Workplace Violence/Sexual Harassment	0		Workplace Violence/Sexual Harassment	0		Workplace Violence/Sexual Harassment	2
		Change Management	0		Change Management	0		Change Management	2
		Huddle	0		Huddle	0		Huddle	2
		Playbook Review	0		Playbook Review	0		Playbook Review	12
				Sub-total		0	Subtotal		20
	Subtotal		0		7			1	
		7			AVE	0		AVE	20
		AVE	0	TC	2 classes per year	0			20
		2 classes per year	0						
		1							
	Total	Icsup	20					Working	56
								2	
184.060	BU-TC	Implementor	20	See above					112
		6	120						
		Working	112						
			232						
926.00	Dinspe	Implementor	20	See above					
		2	40						
	Omaper	Implementor	0	See above					
		0	0						

2BDS Ci

ACCOUNT

	DS									
	Continuous Improvement Training									
	Facilitator			Teacher Coach				Implementor-		
		Working	0		Working	0			Working	0
		Leadership for Results	0		Leadership for Results	0			Leadership for Results	0
		Drug Awareness	0		Drug Awareness	2			Drug Awareness	2
		Workplace Violence/Sexual Harassment	0		Workplace Violence/Sexual Harassment	2			Workplace Violence/Sexual Harassment	2
		Change Management	0		Change Management	2			Change Management	2
		Huddle	0		Huddle	2			Huddle	2
		Playbook Review	0		Playbook Review	12			Playbook Review	12
				Sub-total		20		Subtotal		20
	Subtotal		0		1				1	
		7			AVE	20			AVE	20
		AVE	0	TC		20				20
		2 classes per year	0							
									Working	56
									1	
163.00	BU-TC	Implementor	20	See above						56
		3 2	100 60							
163.00	Dwarsh	Implementor	20	See above						
		4	80							
		Working	56							
			136							
163.00	TC-SUP	Teacher Coach	20	See above						
		1	20							

ACCOUNT

	DW									
	Continuous Improvement Training									
	Facilitator				Teacher Coach			Implementor-		
		Working	0			Working	0		Working	0
		Leadership for Results	0			Leadership for Results	0		Leadership for Results	0
		Drug Awareness	0			Drug Awareness	2		Drug Awareness	2
		Workplace Violence/Sexual Harassment	0			Workplace Violence/Sexual Harassment	2		Workplace Violence/Sexual Harassment	2
		Change Management	0			Change Management	2		Change Management	2
		Huddle	0			Huddle	2		Huddle	2
		Playbook Review	0			Playbook Review	12		Playbook Review	12
					Sub-total		20	Subtotal		20
	Subtotal		0			1			1	
		7				AVE	20		AVE	20
		AVE	0		TC		20			20
		2 classes per year	0							20
									Working	56
									2	
184.060	TCSUP	Teacher Coach	20	See above						112
		1	20							
926.00	DCREW	Implementor	20	See above						
		13	260							
		Working	112							
			372							
926.00	DINSPE	Implementor	20	See above						
		1	20							
163.00	DWAREH	Implementor	20	See above						
		1	20							

26DA TT

ACCT.

184.040

DA
Technical Training- Environmental

										Oil Spill 677 Charged to Oil								
		2008/2008	1/2 every year	1/2 every year	No Budget						2008/2008	2008/2008	NO	every year	every year	NO	1/2 every year	
		2	8	2.5	2	8	24	24	28	12	2	2	1	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
ENABLR	1	2	0	2.5	0	0	0	0	0	0	0	2	0	0	4	0	0	10.5
TC -FORESTER	1	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	6
TC-STAFF ENGR	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	0	10.5
TC-ADMINIST.	1	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	6
TOTAL	4																	33

DA
Technical Training- MISC.

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
ENABLR	1													
TC -FORESTER	1													0
TC-STAFF ENGR	1													0
TC-ADMINIST.	1													0
TOTAL	4													0

360C TT

ACCOUNT

184.060
↓
926.00

OC																		
Technical Training- Environmental			1/2	1/2						Charged							1/2	
		2006/2008	every year	every year	No Budget					to Oil	2006/2008	2006/2008	NO	every year	every year		every year	
		2	8	2.5	2	8	24	24	28	12	2	2	1	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
FACSUP	1	2	0	2.5	0	0	0	0	0	0	2	2	0	4	4	2.5	0	19
BU-OC	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
TC-SUP	2	4	0	5	0	0	0	0	0	0	4	4	0	8	8	5	0	38
TECH CREW	21	42	0	52.5	0	0	0	0	0	0	42	42	0	84	0	52.5	24	339
TOTAL	25																	398

OH														
Technical Training- MISC.														
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
FACSUP	1			0			0			0			0	0
BU-OC	1			0			0			0			0	0
TC-SUP	2			0			0			0			0	0
TECH CREW	21	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	25													

26DH TT

ACCOUNT

184.060 → 926.00

DH																		
Technical Training- Environmental			1/2	1/2						Charged							1/2	
		2006/2008	every year	every year	No Budget					to Oil	2006/2008	2006/2008	NO	every year	every year	NO	every year	
		2	8	2.5	2	8	24	24	28	12	2	2	1	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW016	EJW017	TOTAL
FACSUP	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	0	10.5
TC-SUP	2	4	0	5	0	0	0	0	0	0	0	4	0	8	0	0	0	21
TC	0	0	0	0					0		0	0	0	0	0	0		0
DCREW	31	0	0	0	0	0	0	0	0	0	0	62	0	124	0	0	0	186
TOTAL	34																	217.5

DH														
Technical Training- MISC.														
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
FACSUP	1			0										0
TC-SUP	2			0										0
TC	0			0										0
DCREW	31			0										0
TOTAL	34													

26OK TT

ACCOUNT

OK

Technical Training- Environmental

		2006/2008	1/2 every year	1/2 every year	No Budget					Charged to Oil	2006/2008	2006/2008	NO	every year	every year	NO	1/2 every year	
		2	8	2.5	2	4	24	24	28	12	2	2	1	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
184.060 FACSUP	1	2	8	2.5	0	0	0	0	0	0	0	2	0	4	0	0	8	26.5
+ TC-SUP	3	6	0	7.5	0	0	0	0	0	0	0	6	0	12	0	0	16	47.5
926.00 DCREW	21	0	0	0	0	0	0	0	0	0	0	42	0	84	0	0	0	126
+																		0
163.00 DINSPE	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	0	10.5
DWAREH	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	8	18.5
TOTAL	27	12	8	15	0	0	0	0	0	0	0	54	0	108	0	0	32	229

OK

Technical Training- MISC.

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
FACSUP	1													0
TC-SUP	3													0
DCREW	21													0
														0
DINSPE	1													0
DWAREH	1													0
TOTAL	27													

260R TT

ACCT.

DR																		
Technical Training- Environmental			1/2	1/2						Charged							1/2	
		2008/2008	every yea	every yea			No Budget			to Oil	2008/2008	2008/2008	NO	every ye	every yea	NO	every year	
		2	8	2.5	2	8	24	24	28	12	2	2	+	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
TCSUP	1	2	0	2.5	0	0	0	0	0	0	0	0	0	4	0	0	0	8.5
BU-TC	6	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
DINSPE	2	4	0	5	0	0	0	0	0	0	0	4	0	8	0	0	0	21
DMAPER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9																	41.5
Other																		
BU-TC	0				0						0					0		
DINSPE	0				0						0					0		

184.060
926.00

2503 TT

ACCOUNT

163.00

DS																		
Technical Training- Environmental			1/2	1/2						Charged							1/2	
		2006/2008	every year	every year	No Budget					to Oil	2006/2008	2006/2008	NO	every year	every year	NO	every year	
		2	8	2.5	2	8	24	24	28	12	2	2	1	4	4	2.5	8	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
TC-SUP	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	0	10.5
BU-TC	2	4	0	5	0	0	0	0	0	0	0	4	0	8	0	0	0	21
DWAREH	4	8	0	10	0	0	0	0	0	0	0	8	0	16	0	0	8	50
TOTAL	7																	81.5

31.5

0.2

ACCT.

184.060
↓
926.00
↓
163.00

DW																		
Technical Training- Environmental			1/2	1/2						Charged							1/2	
		2006/2008	every year	every year	No Budget					to Oil	2006/2008	2006/2008	NO	every year	every year	NO	every year	
		2	8	2.5	2	8	24	24	28	12	2	2	1	4	4	2.5	6	
		EJW002	EJW003	EJW004	EJW005A	EJW005B	EJW005C	EJW005D	EJW005E	EJW006	EJW007	EJW010	EJW011	EJW012	ENC001	EJW015	EJW017	TOTAL
TC-SUP	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	8	18.5
TC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DCREW	13	0	0	0	0	0	0	0	0	0	0	26	0	48	0	0	0	74
																		0
DINSPE	1	2	0	2.5	0	0	0	0	0	0	0	2	0	8	0	0	0	14.5
DWAREH	1	2	0	2.5	0	0	0	0	0	0	0	2	0	4	0	0	8	16.5
																		0
TOTAL	16																	0
																		125.5
DW																		
Technical Training- MISC.																		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT				
TC-SUP	1													0				
TC	0													0				
DCREW	13													0				
														0				
DINSPE	1													0				
DWAREH	1													0				
TOTAL	16																	

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H HAWAII ELECTRIC LIGHT COMPA **Department:** HD0 DISTRIBUTION
VP Function: 10 **Division:** *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
RA	Pos ID	Position Title	EJB 002A	EJB 002B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 016	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	ENC 001
HDA	4719	DISTRIBUTION ADMINISTRATO																				X					X
HDA	4157	MANAGER, DISTRIBUTION			X				X						X				X			X		X		X	X
HDA	4159	STAFF ENGINEER																	X			X					
HDA	4158	SYSTEM FORESTER																				X					
HDC	4182	APPREN ELECTRICIAN 1			X				X			X				X			X			X				X	
HDC	4181	APPREN ELECTRICIAN 2			X				X			X				X			X			X				X	
HDC	4180	APPREN ELECTRICIAN 3			X				X			X				X			X			X				X	
HDC	4179	APPREN ELECTRICIAN 4			X				X			X				X			X			X				X	
HDC	4178	APPREN ELECTRICIAN 5			X				X			X				X			X			X				X	
HDC	4177	APPREN ELECTRICIAN 6			X				X			X				X			X			X				X	
HDC	4174	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4173	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4172	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4171	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4170	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4169	APPREN ELECTRICIAN (COMM)			X				X													X					
HDC	4163	ASST SUPERINTENDENT, TEC			X	X			X			X				X			X			X		X		X	
HDC	4721	ASST TECH SUPERINTENDENT			X	X			X			X				X			X			X		X		X	X
HDC	4720	ASST TECH SUPERINTENDENT			X	X			X			X				X			X			X		X		X	

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H *HAWAII ELECTRIC LIGHT COMPA* *Department:* HD0 *DISTRIBUTION*
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
RA	Pos ID	Position Title	EJB 001A	EJB 001B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 016	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	ENC 001
HDC	4162	CLERK STENOGRAPHER																				X					
HDC	4168	ELECTRICIAN (COMM), 1ST YR			X				X													X					
HDC	4167	ELECTRICIAN (COMM), THFTR			X				X													X					
HDC	4176	ELECTRICIAN, 1ST YR			X				X			X				X			X			X				X	
HDC	4175	ELECTRICIAN, THFTR			X				X			X				X			X			X				X	
HDC	4183	HELPER 1/C			X				X			X				X			X			X				X	
HDC	4350	LINEMAN, THFTR			X				X													X					
HDC	4351	SENIOR HELPER			X				X			X				X			X			X				X	
HDC	4166	SR ELECTRICIAN			X				X			X				X			X			X				X	
HDC	4744	SR ELECTRICIAN (COMM)			X				X													X					
HDC	4161	SUPERINTENDENT, TECHNICA			X	X			X			X				X			X			X		X		X	X
HDC	4165	TECHNICIAN (RELAYMAN)			X				X			X				X			X			X				X	
HDC	4164	WORKING FOREMAN			X				X			X				X			X			X				X	
HDC	4775	WORKING FOREMAN			X				X			X				X			X			X				X	
HDH	4195	APPRENTICE LINEMAN 1																	X			X					
HDH	4194	APPRENTICE LINEMAN 2																	X			X					
HDH	4193	APPRENTICE LINEMAN 3																	X			X					
HDH	4192	APPRENTICE LINEMAN 4																	X			X					
HDH	4191	APPRENTICE LINEMAN 5																	X			X					

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H *HAWAII ELECTRIC LIGHT COMPA* *Department:* HD0 *DISTRIBUTION*
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
BA	Pos ID	Position Title	EJB 002A	EJB 002B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 014	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	EMC 001
HDH	4190	APPRENTICE LINEMAN 6																	X			X					
HDH	4184	ASST SUPT, CONSTR & MAINT																	X			X					
HDH	4185	FOREMAN																	X			X					
HDH	4197	HELPER 1/C																	X			X					
HDH	4625	HELPER 2ND CLASS																	X			X					
HDH	4189	LINEMAN, 1ST YEAR																	X			X					
HDH	4188	LINEMAN, THFTR																	X			X					
HDH	4352	SENIOR HELPER																	X			X					
HDH	4187	SERVICEMAN																	X			X					
HDH	4551	SUPERINTENDENT, CONSTR &																	X			X					
HDH	4196	TROUBLEMAN-INSPECTOR, TH																	X			X					
HDH	4186	WORKING FOREMAN																	X			X					
HDK	4210	APPRENTICE LINEMAN 1																	X			X					
HDK	4209	APPRENTICE LINEMAN 2																	X			X					
HDK	4208	APPRENTICE LINEMAN 3																	X			X					
HDK	4207	APPRENTICE LINEMAN 4																	X			X					
HDK	4206	APPRENTICE LINEMAN 5																				X					
HDK	4205	APPRENTICE LINEMAN 6																	X			X					
HDK	4199	ASST DISTRICT SUPERINTEND			X				X										X			X					

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H *HAWAII ELECTRIC LIGHT COMPA* *Department:* HD0 *DISTRIBUTION*
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
BA	Pos ID	Position Title	EJB 002A	EJB 002B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 016	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	ENC 001
HDK	4198	DISTRICT SUPERINTENDENT			X	X			X										X			X					
HDK	4211	HELPER 1/C																	X			X					
HDK	4738	HELPER 2/C																	X			X					
HDK	4204	LINEMAN, 1ST YEAR																	X			X					
HDK	4203	LINEMAN, THFTR																	X			X					
HDK	4353	SENIOR HELPER																	X			X					
HDK	4200	SERVICEMAN																	X			X					
HDK	4201	SR INSPECTOR																	X			X					
HDK	4212	WAREHOUSE/TOOL ROOM ATT			X				X										X			X					
HDK	4202	WORKING FOREMAN																	X			X					
HDR	4843	ASST TECH SUPERINTENDENT			X				X										X			X					
HDR	4232	CLERK DISPATCHER																				X					
HDR	4230	INSPECTOR							X										X			X					
HDR	4231	MAPPER																				X					
HDR	4233	SHIFT CLERK DISPATCHER																				X					
HDR	4229	SR INSPECTOR							X										X			X					
HDR	4228	SUPERINTENDENT, OPERATIO			X				X										X			X					
HDS	4240	HELPER 2/C - WAREHOUSE			X														X			X					
HDS	4235	MATERIALS COORDINATOR			X																	X					

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H HAWAII ELECTRIC LIGHT COMPA *Department:* HD0 DISTRIBUTION
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																HMP Policy		Desired						
BA	Pos ID	Position Title	EJB 002A	EJB 002B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 016	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	EMC 001
HDS	4236	SR WAREHOUSE ATTENDANT			X				X										X			X					
HDS	4327	STOREKEEPER			X				X										X			X					
HDS	4234	SUPERVISOR, STORES			X				X										X			X					
HDS	4237	TL RM ATTNDT & REPAIRER			X				X													X					
HDS	4238	WAREHOUSE ATTENDANT			X				X										X			X					
HDS	4239	WAREHOUSE ATTENDANT/DRI			X				X										X			X					
HDW	4252	APPRENTICE LINEMAN 1																	X			X					
HDW	4251	APPRENTICE LINEMAN 2																	X			X					
HDW	4250	APPRENTICE LINEMAN 3																	X			X					
HDW	4249	APPRENTICE LINEMAN 4																	X			X					
HDW	4248	APPRENTICE LINEMAN 5																	X			X					
HDW	4247	APPRENTICE LINEMAN 6																	X			X					
HDW	4241	ASST DISTRICT SUPERINTEND			X				X										X			X					
HDW	4253	HELPER 1/C																	X			X					
HDW	4624	HELPER 2ND CLASS																	X								
HDW	4246	LINEMAN, 1ST YEAR																	X			X					
HDW	4245	LINEMAN, THFTR																	X			X					
HDW	4354	SENIOR HELPER																	X			X					
HDW	4242	SERVICEMAN																	X			X					

#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H HAWAII ELECTRIC LIGHT COMPA *Department:* HD0 DISTRIBUTION
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
RA	Pos ID	Position Title	EJB 002A	EJB 002B	EJW 002	EJW 003	EJW 003A	EJW 003B	EJW 004	EJW 004A	EJW 004B	EJW 007	EJW 008	EJW 009	EJW 016	EJW 017	EJW 018	EJW 019	EJW 012	EJW 012A	EJB 001	EJW 010	EJW 011	EJW 013	EJW 014	EJW 015	ENC 001
HDW	4243	SR INSPECTOR																	X			X					
HDW	4254	WAREHOUSE/TOOL ROOM ATT			X				X										X			X					
HDW	4244	WORKING FOREMAN																	X			X					
DISTRIBUTION			0	0	44	5	0	0	44	0	0	18	0	0	1	18	0	0	79	0	0	97	0	5	0	19	4

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#3357 Position/Course Matrix (Environmental Training)

Parameters

District: H *HAWAII ELECTRIC LIGHT COMPA* *Department:* HD0 *DISTRIBUTION*
VP Function: 10 *Division:* *

HAWAII ELECTRIC LIGHT COMPANY

DISTRIBUTION

			Regulation																BMP Policy		Desired						
	Pos		EJB	EJB	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJW	EJB	EJW	EJW	EJW	EJW	EJW	EHC
RA	ID	Position Title	002A	002B	002	003	003A	003B	004	004A	004B	007	008	009	016	017	018	019	012	012A	001	010	011	013	014	015	001
Total			0	0	44	5	0	0	44	0	0	18	0	0	1	18	0	0	79	0	0	97	0	5	0	19	4

Hawaiian Electric Co., Inc.

ENVIRONMENTAL TRAINING PROGRAM
ENVIRONMENTAL COURSE CODES, TITLES, WHO MUST BE TRAINED AND MANAGERS

COURSE CODE	REQUIRE-MENT CATEGORY	COURSE TITLE	WHO MUST BE TRAINED	COURSE MANAGER
EJB002A	Regulation	Visible Emissions (VE) Class	Facility employees (or contractors) responsible for conducting annual visible emissions readings.	Glenn Murata (HECO) Don Heinzen (HELCO) Marco Paredes (MECO)
EJB002B	Regulation	Visible Emissions (VE) Certification	Facility employees (or contractors) responsible for conducting annual visible emissions readings.	Glenn Murata (HECO) Don Heinzen (HELCO) Marco Paredes (MECO)
EJW002	Regulation	Handling Universal Wastes At Small Handling Facilities	Employees responsible for planning, purchasing materials, handling, storage and recycling of universal wastes such as batteries, and fluorescent lamp tubes.	Andy Keith
EJW003	Regulation	Hazardous Materials Transportation	Employees that during the course of employment: • Load, unload, or handle hazardous materials, • Test, recondition, repair, modify, mark/label, or otherwise represent containers, drums, or packaging as qualified for use in the transportation of hazardous materials, • Prepare hazardous materials for transportation, • Are responsible for safety of transporting hazardous materials, • Operate a vehicle used to transport hazardous materials, or • Are required to sign hazardous waste manifests (HECO Environmental Policy).	Robin Doubleday
EJW004	Regulation	RCRA – Hazardous Waste	Employees responsible for generating, handling, storing, and transporting hazardous wastes. Note: Training is required by regulation for Large Quantity Generators (LQG). A facility that normally produces small quantities of waste may generate large	Andy Keith

COURSE CODE	REQUIRE-MENT CATEGORY	COURSE TITLE	WHO MUST BE TRAINED	COURSE MANAGER
			quantities during certain events (e.g., spill cleanups). Therefore, employees must comply with LQG regulations at this time.	
EJW005A – EJW005E	Regulation	Hazardous Waste Operations And Emergency Response Levels 1 to 5 (Personnel, with the exception of the incident commander, should be assigned only one level).	See Levels 1 through 5 below. Requirement is for emergency response operations for releases of, or substantial threats of releases of, hazardous substances without regard to the location of the hazard.	Kirk Tomita
EJW005A		*Hazardous Waste Operations And Emergency Response - Level 1*	*First Responder Awareness Level. Individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release. They would take no further action beyond notifying the authorities of the release.*	Kirk Tomita
EJW005B		*Hazardous Waste Operations And Emergency Response - Level 2*	*First Responder Operations Level. Individuals who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures.*	Kirk Tomita
EJW005C		*Hazardous Waste Operations And Emergency Response - Level 3*	*Hazardous Materials Technician. Individuals who respond to releases or potential releases for the purpose of stopping the release. They assume a more aggressive role than a first responder at the operations level in that they will approach the point of release in order to plug, patch or otherwise stop the release of a hazardous substance.*	Kirk Tomita
EJW005D		*Hazardous Waste Operations And Emergency Response - Level 4*	*Hazardous materials specialist. Individuals who respond with and provide support to hazardous materials technicians. Their duties parallel those of the hazardous materials technician; however, those duties require more directed or specific knowledge of the various substances they may be called upon to contain. The hazardous materials specialist would also act as the site liaison with Federal,*	Kirk Tomita

COURSE CODE	REQUIRE-MENT CATEGORY	COURSE TITLE	WHO MUST BE TRAINED	COURSE MANAGER
			state, local and other government authorities in regards to site activities.	
EJW005E		*Hazardous Waste Operations And Emergency Response - Level 5*	*On Scene Incident Commander. Individuals who will assume control of the incident scene beyond the first responder "awareness level".*	Kirk Tomita
EJW006	Regulation	Oil Pollution Act (OPA) '90 Tabletop Drill	Company's Oil Spill Management Team (as established in the response plan).	Kirk Tomita
EJW007	Regulation	Spill Prevention Control And Countermeasure	Oil handling personnel.	Kirk Tomita
EJW008	Regulation	Stormwater	Employees who handle "significant material" such as solvents, fuels, hazardous substances, ash, sludge or slag that have the potential to be released with stormwater discharges at National Pollutant Discharge Elimination System (NPDES) permitted facilities.	Kirk Tomita
EJW009	Regulation	Underground Injection Control (UIC)	Employees who operate or supervise the operation of the wastewater and underground injection systems.	Kirk Tomita
EJW016	Regulation	OPA '90 Qualified Individual Training	Individuals identified as the company's Qualified Individuals (QI) that are designated to respond to oil spill emergencies and have the authority to commit company funds to initiate emergency response procedures. These individuals must be on call twenty-four (24) hours per day. They must be capable of interfacing with regulatory personnel during an emergency event.	Kirk Tomita
EJW010	BMP/HECO Policy	General Environmental Awareness	Employees who during the course of their employment are reasonably anticipated to be involved (either directly or indirectly) with handling environmental issues for the company, or who need a basic understanding of how environmental regulations impact company operations and employee responsibilities.	Andy Keith Kirk Tomita
EJW011	BMP/HECO Policy	Manhole Dewatering	Employees who do or have the potential to conduct or supervise the removal of water from underground structures (dewatering activities) to County or State drainage systems that hold National	Kirk Tomita

COURSE CODE	REQUIRE-MENT CATEGORY	COURSE TITLE	WHO MUST BE TRAINED	COURSE MANAGER
			Pollutant Discharge Elimination System (NPDES) permits (Currently applies only to Oahu).	
EJW012	BMP/HECO Policy	Polychlorinated Biphenyls (PCBs)	Employees responsible for: • The proper handling and management of PCBs and PCB containing equipment; • Responding to emergencies involving PCBs; or • Cleaning up PCB releases.	Andy Keith
~~EJW017~~	~~BMP/HECO Policy~~	~~Incident Command System - Oil Pollution Act (OPA) '90 Training~~	~~Company's Oil Spill Management Team (as established in the response plan).~~	~~Kirk Tomita~~
ENC001	BMP/HECO Policy	Documentation, Confidentiality, And Correspondence With Regulatory Agencies	Employees responsible for response to, investigation of, reporting of all environmental matters, including those under the jurisdiction of all environmental regulatory agencies.	Steve Oppenheimer
EJW001	Desired	Asbestos Disposal	Employees responsible for planning, removing (abatement) and arranging the proper transportation and disposal of asbestos containing materials (ACM).	Andy Keith
EJB001	Desired	Overview Of Air Permit Requirements	Facility employees responsible for air permit compliance.	Bruce Schlieman (HECO) Michael Watanabe (HELCO) Queenie Komori (MECO)
EJW013	Desired	Environmental Considerations In Real Estate Transactions And Property Management	Employees involved in real estate transactions and property management for the company.	Andy Keith
EJW014	Desired	National Pollution Discharge Elimination System (NPDES) Permit Compliance	Employees stationed at National Pollutant Discharge Elimination System (NPDES) permitted facilities* that operate or supervise the operation of the wastewater treatment, cooling water, or closed loop systems.	Kirk Tomita
EJW015	Desired	Used Oil	Employees responsible for handling, storage and recycling used	Andy Keith

COURSE CODE	REQUIRE-MENT CATEGORY	COURSE TITLE	WHO MUST BE TRAINED	COURSE MANAGER
			oil.	

H0000015

2005

Distribution 2005
SAFETY TRAINING

ACCT.	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
184.060	H-DA	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Staff Engineer	1.00	1.50	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	14.50
	H-DA	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								1.00	1.50	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	14.50
	H-DA	797	HED	NC	150	*TC	Arborist	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.50	1.00	0.50	0.50	6.00
	H-DA	797	HED	NC	150	*TC	Arborist	0.00	0.50	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	3.50
	H-DA	797	HED	NC	150	*TC	Arborist	0.50	0.00	0.50	0.50	0.50	0.50	0.50	0.00	0.50	0.00	0.50	0.50	4.50
	H-DA	797	HED	NC	150	*TC	Arborist	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
								1.00	1.50	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	14.50
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	3.00
	H-DA	797	HED	NC	150	*TC	Administrator	1.00	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	11.50
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								1.00	1.50	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	14.50
	H-DA	797	HED	NC	150	*ENABLV	Manager	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.50	0.50	5.50
	H-DA	797	HED	NC	150	*ENABLV	Manager	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00
	H-DA	797	HED	NC	150	*ENABLV	Manager	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50	0.50	6.50
	H-DA	797	HED	NC	150	*ENABLV	Manager	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
								1.00	1.50	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	14.50
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	H-DA	797	HED	NC	150	*TC	Administrator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
925.00	HDC	797	HEL	NE	150	TECHCREW		65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	781.00
184.060	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	6.00	6.00	16.00	6.00	6.00	6.00	6.00	7.00	7.00	7.00	7.00	7.00	89.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDC	797	HED	NC	150	*TCSUP	Asst. Superintende	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								6.00	6.00	16.00	6.00	6.00	6.00	6.00	7.00	7.00	7.00	7.00	7.00	89.00
	HDC	797	HED	NC	150	*FACSUP	Superintendent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00
	HDC	797	HED	NC	150	*FACSUP	Superintendent	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00
	HDC	797	HED	NC	150	*FACSUP	Superintendent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00
	HDC	797	HED	NC	150	*FACSUP	Superintendent	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.00
								3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	44.00

2006

Overtaken 2005
SAFETY TRAINING

ACCT.
184.060
925.00
184.060
925.00
163.00
925.00
184.060

RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
HDC	797	HED	NC	150	*BU-OC	Clerk	0.00	0.50	0.00	0.50	0.00	1.50	1.00	1.50	2.00	1.50	2.00	1.50	12.00
HDC	797	HED	NC	150	*BU-OC	Clerk	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	6.50
HDC	797	HED	NC	150	*BU-OC	Clerk	0.00	0.50	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.50	0.00	0.50	2.50
HDC	797	HED	NC	150	*BU-OC	Clerk	0.50	0.50	0.50	0.00	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	6.00
HDH	797	HEL	NE	150	DCREW	Crew	1.00	2.00	1.00	1.00	1.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	27.00
HDH	797	HED	NC	150	FAC-SUP	Superintendent	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	90.00	1070.00
HDH	797	HED	NC	150	FAC-SUP	Superintendent	0.50	0.50	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.50
HDH	797	HED	NC	150	FAC-SUP	Superintendent	0.50	1.00	1.00	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	8.00
HDH	797	HED	NC	150	FAC-SUP	Superintendent	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	8.50
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	2.00	3.00	2.00	3.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.50
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	0.50	1.00	1.00	1.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	34.00
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	7.50
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	0.50	0.00	0.50	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	2.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	34.00
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	0.50	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.50
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.50
HDH	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.50	0.50	1.00	0.50	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00
HDH	797	HED	NC	150	*TC	Trainer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDH	797	HED	NC	150	*TC	Trainer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDH	797	HED	NC	150	*TC	Trainer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HEL	NE	150	DINSPE	Inspector	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00
HDK	797	HEL	NC	150	DWAREH	Warehouse	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	744.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*TC-SUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDK	797	HED	NC	150	*FACSUP	superintendent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00
HDK	797	HED	NC	150	*FACSUP	superintendent	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
HDK	797	HED	NC	150	*FACSUP	superintendent	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.00
HDK	797	HED	NC	150	*FACSUP	superintendent	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.00
							3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00

2008

Distribution 2005
SAFETY TRAINING

Acct.	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
925.00	HDR	797	HEL	NE	150	DINSPE	Inspector	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	53.00
	HDR	797	HEL	NE	150	DMAPER	Mapper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
184.060	HDR	797	HEL	NE	150	*BU-TC	Dispatch Clerks	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	105.00
	HDR	797	HED	NC	150	TCSUP	Supervisor	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	27.00
163.00	HDS	797	HEL	NC	150	*TCSUP	Supervisor	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	27.00
	HDS	797	HEL	NC	150	*BU-TC	Mail Coordinator	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	53.00
	HDS	797	HEL	NC	150	DWAREH	Warehouse	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	11.00	11.00	122.00
925.00	HDW	797	HEL	NE	150	DCREW	Crew	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	462.00
	HDW	797	HEL	NE	150	DINSPE	Inspector	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00
163.00	HDW	797	HEL	NC	150	DWAREH	Warehouse	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00
	HDW	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDW	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
184.060	HDW	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDW	797	HED	NC	150	*TC	Staff Engineer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDW	797	HED	NC	150	*TCSUP	Asst. Superintendent	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00
	HDW	797	HED	NC	150	*TCSUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDW	797	HED	NC	150	*TCSUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HDW	797	HED	NC	150	*TCSUP	Asst. Superintendent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	36.00
	TOTAL							329.00	330.00	346.00	336.00	337.00	339.00	344.00	343.00	343.00	345.00	348.00	348.00	4099.00

for 7

da

DA			
Safety Forecast			
Monthly Safety Meetings			
	Safety Kickoff	1.5	
	Hazcom	2	
	Hearing	1	
	Back/Ergo	2	
	Fire Safety	1	
	Electrical Safety	1	
	Lead/Asbestos Awareness	1	
	Defensive Driving	2	
	Blood Borne Pathogens	1	
	CPR Review/First Aid Review	2	
Sub-total		14.5	per person
		0	
Total	4	14.5	

ACCOUNT 184.060

dc

ACCT.	DC					DC			
	Safety Forecast					Office Safety Forecast			
		Safety Kickoff	1.5				Safety Kickoff	1.5	
		Fall Protection	1				Hazcom	2	
							Hearing	1	
		Forklift Safety	2				Back/Ergo	2	
		Respirator/fit	1				Fire Safety	1	
		Asbestos Awareness	1				Lead/Asbestos Awareness	1	
		Structure Rescue	1				Electrical Safety	1	
		Fire Safety	1				Defensive Driving	2	
		Hazcom/Hearing	2				First Aid Review	2	
		Defensive Driving	2				Blood Borne Pathogens	1	
		Electrical Safety	1					14.5	
		Blood Borne Pathogens	1						
		First Aid Review/CPR Revie	2						
			16.5			Monthly Safety Meetings			
							12 x 1 hr.	12	
	Monthly Safety Meetings - APM Reviews								
		12 x 1 hr.	12			TOTAL		26.5	per person
	TOTAL		28.5	per person					
184.060	FACSUP		28.5	See above					
			8	Asbestos					
			8	Lead					
			44.5			44.5	✓		
184.060	BU-OC		28.5	See above		26.5	✓		
	TCSUP		28.5	See above					
	2		8	Asbestos					
			8	Lead					
			44.5			89	✓		
925.10	TECHCREW		28.5	See above					
	21		8	Lead					
			36.5			766.5			
		(3x 8hrs.)	24.0	Asbestos		24.0			
						790.5	✓		

dh

Acct.

DH						
Safety Forecast						
	Safety Kickoff	1.5				
	Fall Protection	1				
	Pole/Top Rescue	2				
	Enclose Space	2				
	Lead/Asbestos Awareness	1				
	Fire Safety	1				
	Electrical Safety	1				
	CDL	8				
	First Aid Review/CPR Review	2				
	Hazcom/Hearing	2				
	Blood Borne Pathogens	1				
		22.5				
Monthly Safety Meetings - APM Review						
	12 x 1 hr.	12				
TOTAL		34.5	per person			
184.00 FACSUP		34.5	See above	✓		
TCSUP		34.5	See above	✓		
TCSUP		34.5	See above	✓		
TC		0				
925.10 CREW		34.5				
31				1069.5	✓	

dk

Acct.

	DK					DK			
	Safety Forecast Line Crew					Office Safety Forecast			
	Monthly Safety Meetings					Monthly Safety Meetings			
		Safety Kickoff	1.5				Safety Kickoff	1.5	
		Fall Protection	1				Hazcom	2	
							Hearing	1	
		Pole/Top Rescue	2				Back/Ergo	2	
		Lead/Asbestos Awareness	1				Lead/Asbestos Awareness	1	
		Enclose Space	2				Fire Safety	1	
		Fire Safety	1				Electrical Safety	1	
		Electrical Safety	1				Defensive Driving	2	
		CDL	8				First Aid Review	2	
		Forklift Safety	1				Blood Borne Pathogens	1	
		First Aid Review/CPR Review	2					14.5	
		Hazcom/Hearing	2						
		Blood Borne Pathogens	1			TOTAL		14.5	per person
			23.5						
	Sub-total		23.5	per person					
		Monthly Safety Meetings-APM	12.0						
	Total		35.50						
184.00	FACSUP		35.50	See above	✓				
	1								
	TCSUP		35.50	See above					
	3					106.50	✓		
925.00	CREW		35.50	See above					
	21					745.5	✓		
	DINSPE		35.50	See above					
	1					35.5	✓		
163.00	DWAREH		35.50	See above					
	1					35.5	✓		

dr

ACCH.

DR					DR				
Safety Forecast					Safety Forecast Line Crew				
Monthly Safety Meetings					Monthly Safety Meetings				
	Safety Kickoff	1.5				Safety Kickoff	1.5		
	Hazcom	2				Fall Protection	1		
	Hearing	1				CPR Review/First Aid	2		
	Back/Ergo	2				Pole/Top Rescue	2		
	Asbestos/Lead Awareness	0				Asbestos/Lead Awareness	1		
	Fire Safety	1				Enclose Space	2		
	Electrical Safety	1				Fire Safety	1		
	Defensive Driving	2				Electrical Safety	1		
	First Aid Review	2				CDL	8		
	Blood Borne Pathogens	1							
		13.5				Hazcom/Hearing	2		
						Blood Borne Pathogens	1		
Sub-total		13.5	per person				22.5		
	4 Monthly Mtgs x 1 hrs.	4	per person		Sub-total		26.5	per person	
						Monthly Safety Mtgs.	0		
Total		17.5	per person			12 months x 1 hr.	4		
					Total		26.5		
184.00 TCSUP		26.5		26.5	/				
1									
BU-TC		17.5		105.0	/				
6									
925.00 DINSPE		26.5		53.0	/				
2									

ds

ACCT.

DS					DS				
Safety Forecast					Safety Forecast Line Crew				
	Safety Kickoff	1.5				Safety Kickoff	1.5		
	Hazcom	2				Fall Protection	0		
	Hearing	1				CPR Review/First Aid Review	2		
	Back/Ergo	2				Pole/Top Rescue	0		
	Asbestos/Lead Awareness	1				Asbestos/Lead Awareness	0		
	Fire Safety	1				Enclose Space	0		
	Electrical Safety	1				Fire Safety	1		
	Defensive Driving	2				Electrical Safety	1		
	First Aid Review/CPR Review	2				CDL	8		
	Blood Borne Pathogens	1							
		14.5				Hazcom/Hearing	2		
						Blood Borne Pathogens	1		
Monthly Safety Meetings							16.5		
	12 x 1 hr.	12							
					Monthly Safety Meetings				
TOTAL		26.5	per person			12 x 1 hr.	12		
					TOTAL		28.5	per person	
163.0 TCSUP		26.5		26.5					
1									
BU-TC		26.5		53.0	79.5				
3.2									
DWAREH		28.5							
4		2	Forklift Safety						
		30.5		122					

dw

ACCT.

DW					DW				
Safety Forecast					Safety Forecast Line Crew				
Monthly Safety Meetings					Monthly Safety Meetings				
	Safety Kickoff	1.5				Safety Kickoff	1.5		
	Hazcom	2				Fall Protection	1		
	Hearing	1				CPR Review/First Aid Review	2		
	Asbestos/Lead Awareness	1				Asbestos/Lead Awareness	1		
	Back/Ergo	2				Pole/Top Rescue	2		
	Fire Safety	1				Enclose Space	2		
	Electrical Safety	1				Fire Safety	1		
	CPR Review	0				Forklift Safety	1		
	Defensive Driving	2				Electrical Safety	1		
	First Aid Review	2				CDL	8		
	Blood Borne Pathogens	1							
		14.5				Hazcom/Hearing	2		
						Blood Borne Pathogens	1		
Total		14.5	per person				23.5		
						Monthly Safety Mtgs - APM			
						12 x 1 hr	12		
194.00						Total	35.5		
	TCSUP	35.5							
1									
163.00	DWAREH	35.5							
1		35.5		35.5					
925.00	DCREW	35.5		461.5					
13									
	DINSPE	35.5		35.5					
1									

2005

H0000C

Distribution 2006
SUBSTATION INSP

Acct.	RA	Activity	Location	Indicator	Cost Type	Labor Class	Labor Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	HDC	330	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	330	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	330	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	330	HTO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	460	HDO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	460	HDO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	460	HDO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
	HDC	460	HDO	NS	150	*TCSUP	Asst. Superintendent	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0
562.00	HDC	330	HAH	NE	150	DSUEST	Substation Crew	43	42	42	43	42	42	42	43	43	43	43	43	509 X
582.00	HDC	460	HAH	NE	150	DSUEST	Substation Crew	45	45	45	45	45	45	45	45	45	45	45	45	540 X
	TOTAL							87	87	87	87	87	87	87	88	88	88	88	88	1049 ✓

	A	A	A	A	A	A	F	F
	1999	2000	2001	2002	2003	2004	2006	2007
330	935.5	594	519.67	260	336.5	133.5	509	509
460	765.25	491	645.58	285.25	515.25	395.0	540	540
	1600.75	1075	1165.25	545.25	851.75	528.5	1049	1049

2002 PRIOR

¥ NOTE INSP. COMPLETED BY SINGLE MAN 2WKS. EVERY OTHER MONTH
SOME YEARS WHEN APPRENTICE REQUIRED TO SEND 2 MAN CREW.
YEAR 2002 HAD PLENTY FAILURES SO NOT ABLE TO DO INSP.
2004-2005 POSITION VACANCIES INTERFERED WITH INSP

Resource Leveling Reports
Distribution Department

Merit Personnel

			Total Hours	Supply	OT	2004 OT	2003 OT
H DA	1	Enabler	2290.5	2080	210.5		
	3	TC	6504.5	6240	264.5		
HDC	1	FS	2630.7	2080	550.7		
	2	TCS	4644	4160	484		
HDH	1	FS	2280	2080	200		
	2	TCS	4939.4	4160	779.4		
HDK	1	FS	2311.2	2080	231.2		
	1	TC	2318	2080	238		
	2	TCS	6613.5	4160	2453.5		
HDR	1	TCS	2320	2080	240		
		FS	585.3	0	585.3		
HDS	1	TCS	2164	2080	84		
HDW	1	TCS	3601.5	2080	1521.5		
	17		43202.6	35360	7842.6		

BU Personnel

			Total Hours	Supply	OT	2004 OT	2003 OT
HDC	1	BUOC	2092	2080	12		
	21	TECHCREW	43064.3	43680	-615.7	4261.2	4078.7
HDH	31	DCREW	83873.9	64480	19393.9	14845.6	14627.1
HDK	21	DCREW	38290.3	43680	-5389.7	11492.3	10067.1
	1	DINSPE	828	2080	-1252	268.7	192.7
	1	DWAREH	2500	2080	420	424.4	491.3
HDR	6	BUOC	13531	12480	1051	2179.6	1122.2
	0	BUTC	349	0	349	0	0
	2	DINSPE	4799.6	4160	639.6	283.5	217.3
HDS	3	BUTC	6940	6240	700	761.6	713.3
	4	DWAREH	8796	8320	476	538.6	475.9
HDW	13	DCREW	47219.6	27040	20179.6	6654.5	6366.5
	1	DINSPE	1123	2080	-957	519.8	236
	1	DWAREH	2596	2080	516	520.1	576.6
	106		256002.7	220480	35522.7	42749.9	39164.7
Total	123		299205.3	255840	43365.3		

Payne, Julie

From: Harrison, Chris

Sent: Thursday, July 14, 2005 8:03 AM

To: Harrison, Chris; Kamigaki, Hal; Imoto, Ann; Cooper, Barbara B.; Matsubara, Bruce; Yoshida, Elton; Baltero, Raymond; Ratific, Ralph; Russell, Art; Hatakenaka, Sidney H.; Whitener, Kevin; Payne, Julie; Fujioka, Paul

Subject: RE: Resource Leveling (RA).xls

Corrections to Pillar Project Files need to be made today.
The following Lbr Classes are not good and should probably be replaced with what is in RED.
If your name is in the YELLOW field you need to change your files.
thanks

RA	Lbr Class	EE	Project	Project	Proj Mgr (Eng)/Resp Dept	Ind	FY06	FY
HWS	W_ENG	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	8
HWS	W_ENG	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	60.0	0
HWS	W_ENG	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	18.0	0
HWS	W_ENG	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	40.0	0
HWS	W_ENG	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	4.0	0
HWS	W_ENG	150	H3521000	SSPP Requests	IMOTO, A.	NI	31.8	31
HWS	W_ENG	150	H4900000	MINOR GENERAL PLANT	COOPER, B.	NI	38.1	38
HWS	W_ENG	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	60.0	0
	W_ENG Total		__TCS				249.9	77
HWS	W_MAP	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	29.1	0
HWS	W_MAP	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	18.3	0
HWS	W_MAP	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0
HWS	W_MAP	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0
HWS	W_MAP	150	H0000725	Queen K-Kahwi-Palani 69KV	BALTERO, R.	NI	52.1	0
HWS	W_MAP	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	8.0	0
HWS	W_MAP	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	25
HWS	W_MAP	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0
HWS	W_MAP	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	228.4	0
HWS	W_MAP	150	H0001047	Waimea-Ouli Recon. 7300 Line	RATIFIC, R.	NI	251.0	0
HWS	W_MAP	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0
HWS	W_MAP	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0
	W_MAP Total		W_RH				584.9	25
HWX	__TCS	150	H0000456	HRD Supy	RUSSELL, A.	NI	0.0	0
HWX	__TCS	150	H0000730	Hawaiian Paradise Park Supy	RUSSELL, A.	NI	30.0	0
	__TCS Total		__FS				30.0	0
HWK	W_SCD	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0
HWK	W_SCD	150	H0001197	Keahuolu 12KV UG	HATAKENAKA, S.	NI	0.0	0
	W_SCD Total		W_CD				0.0	0
HWK	W_MAP	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	40
HWK	W_MAP	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	36.0	0
HWK	W_MAP	150	H0001202	Keahuolu 69kV Drop	HATAKENAKA, S.	NI	0.0	0
	W_MAP							

	Total		W_PA				36.0	40
HWK	W_ENG	150	H0000497	Kona Baseyard-Eng Bldg	WHITENER, K.	NI	0.0	0
	W_ENG Total		__TCS				0.0	0
HWD	W_CP	150	H1002000	PURCH TSF AND RELATED EQ	PAYNE, J.	NI	35.0	35
	W_CP Total						35.0	35
HWD	W_DP	150	H1002000	PURCH TSF AND RELATED EQ	PAYNE, J.	NI	150.0	150
	W_DP Total		W_DP	HWC			150.0	150
HWC	W_MAP	150	H0000933	Kukulhaele Regulators	RUSSELL, A.	NI	112.0	0
	W_MAP Total		W_PA	HWC			112.0	0
HWA	__TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	88.0	0
	__TC Total		__TCS				88.0	0

From: Harrison, Chris
Sent: Thursday, July 14, 2005 7:39 AM
To: Kamigaki, Hal; Imoto, Ann
Cc: Cooper, Barbara B.; Harrison, Chris
Subject: RE: Resource Leveling (RA).xls

Other line items that don't belong include the following.

HWA	__TC	150	88.0	-	
HWC	W_MAP	150	112.0	-	
HWD	W_CP	150	35.0	35.0	
HWD	W_DP	150	150.0	150.0	
WK	W_ENG	150	-	-	
WK	W_MAP	150	36.0	40.0	
WK	W_SCD	150	-	-	
WX	__TC	150	50.0	-	
WX	__TCS	150	30.0	-	
WX	D_TECHCREW	150	550.0	220.0	
WX	W_DP	150	217.0	56.0	

From: Harrison, Chris
Sent: Thursday, July 14, 2005 7:22 AM
To: Cooper, Barbara B.
Cc: Imoto, Ann
Subject: RE: Resource Leveling (RA).xls

These come from the capital (Project) forecasts. See Resp. Proj. Mgr for who needs to correct each. Maybe ? Ann can assist..

RA	Lbr Class	EE	Project	Project	Proj Mgr (Eng)/Resp Dept	Ind	Jan-06
HWS	W_ENG	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0
HWS	W_ENG	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	60.0
HWS	W_ENG	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0
HWS	W_ENG	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0
HWS	W_ENG	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0
HWS	W_ENG	150	H3521000	SSPP Requests	IMOTO, A.	NI	2.7
HWS	W_ENG	150	H4900000	MINOR GENERAL PLANT	COOPER, B.	NI	0.0
HWS	W_ENG	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	60.0
	W_ENG Total						122.7
HWS	W_MAP	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0
HWS	W_MAP	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0
HWS	W_MAP	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0
HWS	W_MAP	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0
HWS	W_MAP	150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0
HWS	W_MAP	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0
HWS	W_MAP	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0
HWS	W_MAP	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0
HWS	W_MAP	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	0.0
HWS	W_MAP	150	H0001047	Waimea-Ouli Recon. 7300 Line	RATIFIC, R.	NI	125.5
HWS	W_MAP	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0
HWS	W_MAP	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0
	W_MAP Total						125.5

From: Cooper, Barbara B.
Sent: Thursday, July 14, 2005 7:04 AM
To: Harrison, Chris
Subject: RE: Resource Leveling (RA).xls

Chris I see two entries under HWS that shouldn't be there.
See hi-lited lines.

Barbara B. Cooper
Engineering - ext. 364

From: Harrison, Chris
Sent: Wednesday, July 13, 2005 4:51 PM
To: Bechtel, Michael; Cooper, Barbara B.; Harrison, Chris; Kamigaki, Hal; Nagata, Clyde; Santiago, Gerald; Whitener, Kevin
Subject: Resource Leveling (RA).xls

I have adjusted Pillar files for non project hours as attached..
The files will be submitted to Acct. in the morning.
Ask if any questions..
Crhis

Payne, Julie

From: Payne, Julie
Sent: Wednesday, June 29, 2005 11:59 AM
To: Kamigaki, Hal; Russell, Art; Rogers, Laura
Cc: Ignacio, Jay; Nagato, Miles; Okamura, Dave; Hatakenaka, Sidney H.
Subject: Resource Leveling and fixing 2006 budget - Technical

After reviewing of the resource leveling reports, I found that Technical division crew does not have enough hours to meet the straight time in 2006. They are short 615.7 hours to just make straight time. The capital hours look about 10% lower than in prior years. Please add hours in the following projects for approximately 1,000 to 2,000 hours for TECHCREW.

Project H0001203 and H0001204 is supposed to slip to 2006 Apollo Kamao Substation - 2006 forecast is currently zero
Project H0000648 Hawi Basestation - is supposed to be completed at COH Microwave - 2006 forecast is currently zero
Project H0000919 Puna SW Station - Cir Switcher - 2006 forecast is 120 hours. - Technical commented that this looks low for such a large project.
Project H0001033 COH MW Upgrade - Hilo Base is supposed to slip to 2006 - 2006 forecast is currently zero.
Project H0001034 COH MW Upgrade - Kulani " " - " "
Project H0001035 COH MW Upgrade - Naalehu " " - " "
Project H0001036 COH MW Upgrade - South Point " " - " "
Project H0001037 COH MW Upgrade - Ohia Mill " " - " "
Project H0001038 COH MW Upgrade - Hill Plant " " - " "
2006 Breaker Replacements - 2 - not currently in forecast
Project H480000 Minor Communications - 2006 forecast is 294.4 and 2004 recorded hours is 890.5.

Let me know what adjustment or increase that you are going to make.

Let me know if you have questions.

Thanks.

Julie

Julieanne R. Payne
Hawaii Electric Light Company
Accounting Department
☎ 808-969-0219
☎ fax 808-969-0202

H1000000 2004 ACT.

HDH NI 3580.1
NR 144.2
3724.3 5110.

HDK NI 1340.0
NR 51.6
1391.6 2619.25

HDW NI 789.2
NR 59.8
849.0 916.17

HOH NI 4405.1
NR 1201.8
FCST 2004 10751.52

HDK NI 1669
NR 600.8
5606.9 3347.24

HDW NI 600.8
NR 37.2
2269.8 4016.33
638.

Payne, Julie

From: Payne, Julie
Sent: Wednesday, June 29, 2005 3:27 PM
To: Imoto, Ann; Kamigaki, Hal
Cc: Ignacio, Jay
Subject: Resource Leveling - Kona

I was reviewing the resource leveling for Kona. I noticed that project H9185000 Special Temporary Facilities under the indicator BT was understated for Hilo, Kona and Waimea. Based on the recorded hours, please use 600 hours annually for 2006 instead of 36 hours for Hilo; 1072 hours annually for 2006 instead of 36 for Kona; and Waimea 461 hours for 2006 instead of 36 hours. Please update these hours.

Also, I noticed that the blankets H1003000 Minor Underground Services, H1006000 Pole Line Relocation, and H1008000 Minor OH Extension look low for all districts.

I will also add hours in the O&M for Kona crew. I checked with Kona Engineering and the only large projects for 2006 in Kona are Queen K Kaiwi Palani 69KV; Waikoloa Pump; and Palani Substation.

Thanks.

Julie

Julieanne R. Payne
Hawaii Electric Light Company
Accounting Department
☎ 808-969-0219
☎ fax 808-969-0202
✉ jpayne@hel.com

HAWAII ELECTRIC LIGHT CO., INC.
Resource Leveling Report by Department
(Hours)

Dept	EE	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
Accounting	*Supply	-2992	-2720	-3128	-2720	-3128	-2992	-2856	-3128	-2856	-2992	-2992	-2856	-35360
Accounting	107	289	301	266	328	341	301	437	333	389	277	551	391	4204
Accounting	150	3070	2815	3093	2833	2823	2958	2704	3324.8	2890.8	3048	2717	2875.8	34952.3
Accounting Total		367	396	231	241	36	267	285	529.8	423.8	333	276	410.8	3796.3
Admin	*Supply	-2859.8	-2603.8	-2987.8	-2603.8	-2987.8	-2859.8	-2731.8	-2987.8	-2731.8	-2859.8	-2859.8	-2731.8	-33805.4
Admin	107	241.3	241.3	137.3	241.3	241.3	290.3	257.3	289.3	309.3	289	473.3	363.3	3374.7
Admin	150	2926	2866.1	2983	2948	3233	2941	2926	2929	2927	3396	2907.1	2995.5	35977.5
Admin Total		307.5	503.6	132.5	585.5	486.5	371.5	451.5	230.5	504.5	825.2	520.6	627	5546.8
Cust Svc	*Supply	-6864	-6240	-7176	-6240	-7176	-6864	-6552	-7176	-6552	-6864	-6864	-6552	-81120
Cust Svc	107	895	895	623	887	895	895	895	895	895	927	1459	1155	11316
Cust Svc	150	6485	5791	7024	6379	6506	6237	5958	6490	5956	6209	6185	6273	75493
Cust Svc Total		516	446	471	1026	225	268	301	209	299	272	780	876	5689
Distributn	*Supply	-21648	-19680	-22632	-19680	-22632	-21648	-20664	-22632	-20664	-21648	-21648	-20664	-255840
Distributn	107	2890	2826	1754	2746	2771	2783	2899	2859	2770	2834	4835	4115	36062
Distributn	108	0	0	0	0	0	0	0	0	0	0	0	0	0
Distributn	150	18362.7	14841.5	21997.2	20640.9	21638.3	31826.8	31864.8	33788.9	19506	18414.6	16436.3	15825.4	263143.3
Distributn Total		-2395.3	-2012.5	1119.2	3706.9	1777.3	12941.8	14099.8	14015.9	1612	-399.4	-376.7	-723.6	43365.3
Energy Services	*Supply	-2112	-1920	-2208	-1920	-2208	-2112	-2016	-2208	-2016	-2112	-2112	-2016	-24960
Energy Services	107	212	212	124	220	220	220	220	220	220	220	396	308	2792
Energy Services	150	2025.3	1843.3	2172.3	1843.3	2096.3	2005.3	1919.3	2076.3	1909.3	2005.3	1861.3	1861.3	23618
Energy Services Total		125.3	135.3	88.3	143.3	108.3	113.3	123.3	88.3	113.3	113.3	145.3	153.3	1450
Engineer	*Supply	-11616	-10560	-12144	-10560	-12144	-11616	-11088	-12144	-11088	-11616	-11616	-11088	-137280
Engineer	107	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	1338.9	16066.2
Engineer	150	12109	12660.9	12906.4	14013.4	13173.4	13625.2	12103.3	11921.3	11761.6	11493.2	10910.6	11171.3	147849.6
Engineer Total		1831.9	3439.8	2101.3	4792.3	2368.3	3348.1	2354.2	1116.2	2012.5	1216.1	633.5	1422.2	26835.8
Generation	*Supply	-17600	-16000	-18400	-16000	-18400	-17600	-16800	-18400	-16800	-17600	-17600	-16800	-208000
Generation	107	2438	2566.5	1838.5	2566.5	2567.5	2567.5	2567.5	2567.5	2562.5	2561.5	4006.5	3245.5	32055
Generation	108	85	85	85	85	85	85	85	85	85	85	84	91	1025
Generation	150	15753	17407.6	18733.6	18488.6	18261.6	17155.6	17145.6	18328.6	17296.1	17793.1	16812.3	16417.3	210592.9
Generation Total		676	4059.1	2257.1	5140.1	2514.1	2208.1	2898.1	3581.1	3143.6	2839.6	3302.8	2953.8	35672.9
President	*Supply	-352	-320	-368	-320	-368	-352	-336	-368	-336	-352	-352	-336	-4160
President	107	24	24	8	24	24	24	24	24	24	24	56	40	320
President	150	376	344	408	344	392	376	360	392	360	376	344	344	4416
President Total		48	48	48	48	48	48	48	48	48	48	48	48	576
Grand Total		1476	7015	6448	15683	7564	19568	20661	19819	8157	5248	5330	5768	122732

Resource Leveling (Dept)
Pillar Version Jun-2005

Resource Lev Report-Detail

(Hours)

RA	Lbr Class	EE	Project	Project	Mon Eval Meth	Int	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HAA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAA	E	107	NHAZZZZZ	Accounting		NC	8.0	16.0	16.0	8.0	16.0	16.0	16.0	16.0	16.0	16.0	32.0	24.0	200.0
HAA	E	150	H0000332	2001 Test Year Rate Case	ADM	NE	20.0	20.0	20.0	20.0	20.0	20.0	20.0	50.0	50.0	50.0	50.0	40.0	380.0
HAA	E	150	H0000547	Project Ellipse	ADM	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAA	E	150	NHAZZZZZ	Accounting		NE	188.0	184.0	188.0	172.0	168.0	160.0	172.0	156.0	142.0	150.0	134.0	144.0	1980.0
	E Total						40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	480.0
HAA	I	*Supply	*Supply			*Supply	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	I Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAA	TC	*Supply	*Supply			*Supply	-704.0	-640.0	-736.0	-640.0	-736.0	-704.0	-672.0	-736.0	-672.0	-704.0	-704.0	-672.0	-8320.0
HAA	TC	107	NHAZZZZZ	Accounting		NC	61.0	61.0	68.0	40.0	69.0	69.0	69.0	69.0	69.0	69.0	151.0	111.0	904.0
HAA	TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	24.0	24.0	24.0	24.0	24.0	24.0	24.0	60.0	60.0	60.0	60.0	0.0	408.0
HAA	TC	150	NHAZZZZZ	Accounting		NE	705.0	641.0	724.0	592.0	659.0	635.0	599.0	655.0	621.0	681.0	587.0	671.0	7750.0
	TC Total						86.0	86.0	76.0	16.0	16.0	24.0	20.0	48.0	76.0	86.0	94.0	110.0	742.0
HAA	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAA	TCS	107	NHAZZZZZ	Accounting		NC	16.0	48.0	16.0	0.0	8.0	8.0	8.0	48.0	8.0	8.0	32.0	40.0	240.0
HAA	TCS	150	NHAZZZZZ	Accounting		NE	176.0	128.0	184.0	176.0	192.0	184.0	176.0	152.0	176.0	184.0	160.0	144.0	2032.0
	TCS Total						16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	192.0
HAB	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAB	TC	107	NHAZZZZZ	Accounting		NC	28.0	8.0	40.0	8.0	8.0	40.0	48.0	40.0	8.0	8.0	8.0	16.0	260.0
HAB	TC	150	NHAZZZZZ	Accounting		NE	153.0	147.0	147.0	153.0	147.0	147.0	153.0	147.0	147.0	153.0	147.0	147.0	1788.0
	TC Total						5.0	-5.0	3.0	1.0	-29.0	11.0	33.0	3.0	-13.0	-15.0	-21.0	-5.0	-32.0
HAC	BUOC	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HAC	BUOC	107	NHAZZZZZ	Accounting		ND	64.0	24.0	40.0	104.0	72.0	72.0	88.0	64.0	80.0	64.0	112.0	72.0	656.0
HAC	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAC	BUOC	150	NHAZZZZZ	Accounting		NE	484.0	456.0	512.0	386.0	480.0	466.0	426.0	488.0	424.0	474.0	426.0	432.0	5434.0
	BUOC Total						0.0	0.0	0.0	10.0	0.0	10.0	10.0	0.0	0.0	10.0	10.0	0.0	50.0
HAC	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAC	TC	107	NHAZZZZZ	Accounting		ND	16.0	16.0	8.0	16.0	16.0	24.0	24.0	24.0	16.0	16.0	32.0	24.0	232.0
HAC	TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HAC	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAC	TC	150	NHAZZZZZ	Accounting		NE	168.0	152.0	184.0	152.0	176.0	160.0	152.0	168.0	160.0	168.0	152.0	152.0	1944.0
	TC Total						16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	8.0	184.0
HAC	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAC	TCS	107	NHAZZZZZ	Accounting		ND	16.0	16.0	16.0	16.0	16.0	24.0	16.0	24.0	16.0	16.0	32.0	24.0	232.0
HAC	TCS	150	H0000332	2001 Test Year Rate Case	ADM	NE	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	0.0	176.0
HAC	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAC	TCS	150	NHAZZZZZ	Accounting		NE	184.0	160.0	192.0	160.0	192.0	168.0	176.0	184.0	168.0	184.0	160.0	168.0	2096.0
	TCS Total						40.0	32.0	40.0	32.0	40.0	32.0	40.0	40.0	32.0	40.0	32.0	24.0	424.0
HAK	D_CSM	150	H0000853	AMR - Turtle Meters & Eqpt	ADM	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAK	D_CSM	150	H0000853	AMR - Turtle Meters & Eqpt	ADM	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	D_CSM Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAM	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAM	TC	107	NHAZZZZZ	Accounting		NC	8.0	8.0	0.0	8.0	8.0	8.0	88.0	8.0	88.0	8.0	24.0	16.0	272.0
HAM	TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HAM	TC	150	NHAZZZZZ	Accounting		NE	176.0	318.0	174.0	176.0	102.0	171.0	102.0	255.8	158.8	155.0	101.0	239.8	2131.3
	TC Total						16.0	174.0	-2.0	34.0	-88.0	11.0	30.0	87.8	86.8	-8.0	-43.0	87.8	411.3
HAM	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAM	TCS	107	NHAZZZZZ	Accounting		NC	48.0	48.0	40.0	48.0	8.0	8.0	8.0	8.0	8.0	8.0	24.0	16.0	272.0
HAM	TCS	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HAM	TCS	150	NHAZZZZZ	Accounting		NE	102.0	106.0	139.0	149.0	141.0	191.0	158.0	261.0	242.0	208.0	160.0	149.0	2022.0
	TCS Total						-18.0	2.0	3.0	45.0	-27.0	31.0	6.0	93.0	90.0	48.0	36.0	-3.0	302.0
HAP	BUOC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAP	BUOC	107	NHAZZZZZ	Accounting		NC	8.0	8.0	24.0	48.0	72.0	16.0	16.0	16.0	24.0	24.0	40.0	16.0	312.0
HAP	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAP	BUOC	150	NHAZZZZZ	Accounting		NE	189.0	171.0	181.0	127.0	128.0	180.0	172.0	189.0	162.0	171.0	152.0	170.0	1990.0
	BUOC Total						21.0	19.0	21.0	15.0	14.0	20.0	20.0	21.0	18.0	19.0	16.0	18.0	222.0
HAP	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAP	TC	107	NHAZZZZZ	Accounting		NC	8.0	8.0	0.0	8.0	8.0	8.0	48.0	8.0	48.0	8.0	24.0	16.0	192.0
HAP	TC	150	H0000057	Depreciation Study Docket	ADM	NE	40.0	0.0	0.0	0.0	0.0	20.0	20.0	40.0	20.0	20.0	20.0	20.0	200.0
HAP	TC	150	NHAZZZZZ	Accounting		NE	168.0	152.0	184.0	152.0	176.0	168.0	120.0	176.0	120.0	168.0	152.0	152.0	1688.0
	TC Total						40.0	0.0	0.0	0.0	0.0	20.0	20.0	40.0	20.0	20.0	20.0	20.0	200.0

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RA	Lbr Class	EE	Project	Project Name	Manager	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HAP	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HAP	TCS	107	NHAZZZZZ	Accounting		NC	8.0	40.0	0.0	24.0	40.0	8.0	8.0	8.0	8.0	32.0	40.0	16.0	232.0
HAP	TCS	150	H0000057	Depreciation Study Docket	ADM	NE	40.0	0.0	0.0	0.0	0.0	20.0	20.0	40.0	0.0	20.0	20.0	20.0	180.0
HAP	TCS	150	H0000332	2001 Test Year Rate Case	ADM	NE	16.0	16.0	16.0	16.0	16.0	16.0	16.0	40.0	40.0	40.0	40.0	20.0	292.0
HAP	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAP	TCS	150	NHAZZZZZ	Accounting		NE	217.0	120.0	184.0	136.0	144.0	168.0	160.0	221.0	160.0	144.0	136.0	207.0	1997.0
	TCS Total						105.0	16.0	16.0	16.0	16.0	36.0	36.0	125.0	40.0	60.0	60.0	95.0	621.0
HNA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNA	E	107	NHNZZZZZ	Administrative		NC	8.0	8.0	8.0	8.0	8.0	16.0	16.0	8.0	8.0	48.0	24.0	16.0	176.0
HNA	E	150	H0000332	2001 Test Year Rate Case	ADM	NE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	0.0	60.0
HNA	E	150	NHNZZZZZ	Administrative		NE	218.7	218.7	218.7	218.7	218.7	218.7	218.7	218.7	218.7	218.7	218.7	218.7	2624.0
	E Total						54.7	70.7	46.7	70.7	46.7	62.7	70.7	50.7	66.7	98.7	74.7	66.7	780.0
HNA	I	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HNA	I	107	NHNZZZZZ	Administrative		NC	16.0	16.0	0.0	16.0	16.0	56.0	16.0	56.0	56.0	16.0	40.0	32.0	336.0
HNA	I	150	NHNZZZZZ	Administrative		NE	286.3	262.3	278.3	270.3	286.3	270.3	278.3	286.3	262.3	286.3	278.3	270.3	3316.1
	I Total						-49.7	-41.7	-89.7	-33.7	-65.7	-25.7	-41.7	-25.7	-17.7	-49.7	-33.7	-33.7	-507.9
HNA	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNA	TC	107	NHNZZZZZ	Administrative		NC	8.0	8.0	8.0	8.0	8.0	16.0	16.0	16.0	36.0	16.0	24.0	36.0	200.0
HNA	TC	150	NHNZZZZZ	Administrative		NE	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	1551.0
	TC Total						-38.7	-22.7	-46.7	-22.7	-46.7	-30.7	-22.7	-38.7	-2.7	-30.7	-22.7	-2.7	-329.0
HNF	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNF	TC	107	NHNZZZZZ	Administrative		NC	15.0	15.0	7.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	31.0	19.0	192.0
HNF	TC	150	H0000053	Veh Cahrges for Heavy Trucks	KOHATSU, K.	NC	89.1	83.1	91.0	87.1	85.1	87.1	87.1	87.1	87.1	85.1	83.1	68.6	1040.5
HNF	TC	150	H0000054	Veh Cahrges for Light Trucks	KOHATSU, K.	NC	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	576.0
HNF	TC	150	H0000055	Veh Charges for Sedans	KOHATSU, K.	NC	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	600.0
HNF	TC	150	NHNZZZZZ	Administrative		NC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0
	TC Total						28.1	38.1	14.0	42.1	18.1	28.1	34.1	18.1	34.1	24.1	38.1	39.6	352.5
HNL	TC	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HNL	TC	107	NHNZZZZZ	Administrative		NC	39.0	39.0	31.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	55.0	47.0	494.0
HNL	TC	150	NHNZZZZZ	Administrative		BE	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	768.0
HNL	TC	150	NHNZZZZZ	Administrative		NE	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	2448.0
	TC Total						-45.0	-13.0	-69.0	-13.0	-61.0	-45.0	-29.0	-61.0	-29.0	-45.0	-29.0	-21.0	-450.0
HNL	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNL	TCS	107	NHNZZZZZ	Administrative		NC	21.0	21.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	37.0	29.0	268.0
HNL	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HNL	TCS	150	NHNZZZZZ	Administrative		NE	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	1824.0
	TCS Total						-3.0	13.0	-19.0	13.0	-11.0	-3.0	5.0	-11.0	5.0	-3.0	13.0	13.0	12.0
HNP	I	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNP	I	107	NHNZZZZZ	Administrative		NC	15.0	15.0	7.0	15.0	15.0	8.0	15.0	15.0	15.0	15.0	31.0	9.0	175.0
HNP	I	150	H0001183	HR Software System	KAWABATA, N.	NE	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	450.0
HNP	I	150	NHNZZZZZ	Administrative		NE	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	2226.0
HNP	I	150	NKawab09	Temp Proj NKawab09	KAWABATA, N.	NE	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
HNP	I	150	NKawab10	Temp Proj NKawab10	KAWABATA, N.	NI	0.0	0.0	66.0	67.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0
HNP	I	150	NKawab11	Temp Proj NKawab11	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HNP	I	150	NKawab12	Temp Proj NKawab12	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	0.0	66.0	67.0	67.0	0.0	0.0	0.0	0.0	200.0
HNP	I	150	NKawab13	Temp Proj NKawab13	KAWABATA, N.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	67.0	67.0	0.0	200.0
HNP	I	150	NKawab14	Temp Proj NKawab14	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	80.0
	I Total						112.0	128.0	112.0	145.0	201.0	121.0	137.0	121.0	136.0	129.0	145.0	144.0	1631.0
HNP	TC	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HNP	TC	107	NHNZZZZZ	Administrative		NC	36.0	36.0	20.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	68.0	52.0	484.0
HNP	TC	150	NHNZZZZZ	Administrative		NE	513.0	483.0	503.0	503.0	493.0	473.0	473.0	463.0	483.0	933.0	453.0	473.0	6226.0
HNP	TC	150	NHNZZZZZ	Administrative		NS	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	96.0
	TC Total						205.0	207.0	183.0	227.0	169.0	165.0	181.0	139.0	171.0	625.0	177.0	197.0	2626.0
HNP	TCS	150	NKawab09	Temp Proj NKawab09	KAWABATA, N.	NE	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0
HNP	TCS	150	NKawab10	Temp Proj NKawab10	KAWABATA, N.	NI	0.0	0.0	133.0	133.0	134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0
HNP	TCS	150	NKawab11	Temp Proj NKawab11	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0
HNP	TCS	150	NKawab12	Temp Proj NKawab12	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	0.0	133.0	133.0	134.0	0.0	0.0	0.0	0.0	400.0
HNP	TCS	150	NKawab13	Temp Proj NKawab13	KAWABATA, N.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.0	133.0	[illegible]		

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RA	Lbr Class	EE	Project	Project Desc	Mgr/Emp/Rsrcs ID	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	YTD
HNP	TCS	150	NKawab14	Temp Proj NKawab14	KAWABATA, N.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	200.0
	TCS Total						100.0	100.0	133.0	133.0	334.0	133.0	133.0	134.0	133.0	133.0	134.0	200.0	1800.0
HNS	I	*Supply	*Supply			*Supply	-197.9	-181.9	-205.9	-181.9	-205.9	-197.9	-189.9	-205.9	-189.9	-197.9	-197.9	-189.9	-2342.7
HNS	I	107	NHNZZZZZ	Administrative		NC	11.3	11.3	3.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	27.3	19.3	152.0
HNS	I	150	NHNZZZZZ	Administrative		NE	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	1928.0
	I Total						-25.9	-9.9	-41.9	-9.9	-33.9	-25.9	-17.9	-33.9	-17.9	-25.9	-9.9	-9.9	-262.7
HNS	TC	*Supply	*Supply			*Supply	-549.9	-601.9	-673.9	-601.9	-673.9	-549.9	-625.9	-673.9	-625.9	-549.9	-549.9	-625.9	-6502.7
HNS	TC	107	NHNZZZZZ	Administrative		NC	57.3	57.3	33.3	57.3	57.3	57.3	57.3	57.3	57.3	57.0	105.3	81.3	735.7
HNS	TC	150	NHNZZZZZ	Administrative		NE	468.7	468.7	490.7	468.7	468.7	490.7	468.7	468.7	490.7	468.7	468.7	468.7	5671.8
	TC Total						-25.9	22.1	-49.9	22.1	-49.9	-1.9	-1.9	-49.9	22.1	-26.2	22.1	22.1	-95.2
HNS	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HNS	TCS	107	NHNZZZZZ	Administrative		NC	14.7	14.7	6.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	30.7	22.7	192.0
HNS	TCS	150	NHNZZZZZ	Administrative		NE	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	1888.1
	TCS Total						-4.0	12.0	-20.0	12.0	-12.0	-4.0	4.0	-12.0	4.0	-4.0	12.0	12.0	0.1
HCA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HCA	E	107	NHCZZZZZ	Customer Service		ND	16.0	16.0	48.0	8.0	16.0	16.0	16.0	16.0	16.0	48.0	32.0	32.0	280.0
HCA	E	150	H0000332	2001 Test Year Rate Case	ADM	NE	18.0	18.0	18.0	18.0	18.0	18.0	18.0	40.0	40.0	40.0	40.0	20.0	292.0
HCA	E	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCA	E	150	NHCZZZZZ	Customer Service		NE	172.0	156.0	132.0	164.0	160.0	172.0	144.0	150.0	134.0	145.0	136.0	148.0	1633.0
HCA	E	150	NHCZZZZZ	Customer Service		NS	8.0	8.0	24.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	112.0
	E Total						36.0	36.0	36.0	36.0	36.0	36.0	16.0	30.0	30.0	65.0	40.0	40.0	437.0
HCA	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	ND	288.0	72.0	288.0	672.0	0.0	0.0	0.0	0.0	4.0	0.0	432.0	528.0	2284.0
HCA	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TC Total						288.0	72.0	288.0	672.0	0.0	0.0	0.0	0.0	4.0	0.0	432.0	528.0	2284.0
HCH	BUOC	*Supply	*Supply			*Supply	-1408.0	-1280.0	-1472.0	-1280.0	-1472.0	-1408.0	-1344.0	-1472.0	-1344.0	-1408.0	-1408.0	-1344.0	-16840.0
HCH	BUOC	107	NHCZZZZZ	Customer Service		ND	182.0	182.0	118.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	302.0	238.0	2296.0
HCH	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCH	BUOC	150	NHCZZZZZ	Customer Service		NE	1258.0	1132.0	1384.0	1142.0	1326.0	1258.0	1210.0	1326.0	1210.0	1258.0	1152.0	1152.0	14906.0
	BUOC Total						32.0	34.0	30.0	44.0	38.0	32.0	48.0	36.0	48.0	32.0	46.0	46.0	464.0
HCH	TC	*Supply	*Supply			*Supply	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TC Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCK	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BUOC Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCK	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HCK	TCS	107	NHCZZZZZ	Customer Service		ND	16.0	16.0	10.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	34.0	26.0	232.0
HCK	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCK	TCS	150	NHCZZZZZ	Customer Service		NE	176.0	161.0	196.0	161.0	186.0	176.0	171.0	186.0	171.0	181.0	171.0	171.0	2107.0
	TCS Total						16.0	19.0	22.0	19.0	20.0	16.0	21.0	20.0	21.0	23.0	29.0	29.0	259.0
HCK	D_CSM	*Supply	*Supply			*Supply	-2112.0	-1920.0	-2208.0	-1920.0	-2208.0	-2112.0	-2016.0	-2208.0	-2016.0	-2112.0	-2112.0	-2016.0	-24960.0
HCK	D_CSM	107	NHCZZZZZ	Customer Service		ND	271.0	271.0	175.0	271.0	271.0	271.0	271.0	271.0	271.0	271.0	483.0	387.0	3444.0
HCK	D_CSM	150	NHCZZZZZ	Customer Service		NE	1891.0	1747.0	2055.0	1727.0	1993.0	1901.0	1809.0	1993.0	1809.0	1891.0	1727.0	1727.0	22270.0
	D_CSM Total						50.0	98.0	22.0	78.0	56.0	60.0	64.0	56.0	64.0	50.0	78.0	78.0	754.0
HCR	BUOC	*Supply	*Supply			*Supply	-1760.0	-1600.0	-1840.0	-1600.0	-1840.0	-1760.0	-1680.0	-1840.0	-1680.0	-1760.0	-1760.0	-1680.0	-20800.0
HCR	BUOC	107	NHCZZZZZ	Customer Service		ND	240.0	240.0	160.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	380.0	300.0	3000.0
HCR	BUOC	150	NHCZZZZZ	Customer Service		NE	1572.0	1602.0	1722.0	1502.0	1842.0	1602.0	1562.0	1632.0	1542.0	1582.0	1502.0	1502.0	18984.0
	BUOC Total						62.0	142.0	42.0	142.0	42.0	62.0	122.0	32.0	102.0	62.0	122.0	122.0	1064.0
HCR	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HCR	TCS	107	NHCZZZZZ	Customer Service		ND	16.0	16.0	10.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	34.0	26.0	232.0
HCR	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCR	TCS	150	NHCZZZZZ	Customer Service		NE	170.0	155.0	180.0	156.0	175.0	170.0	160.0	175.0	160.0	170.0	155.0	155.0	1980.0
	TCS Total						12.0	13.0	6.0	13.0	9.0	12.0	10.0	9.0	10.0	12.0	13.0	13.0	132.0
HCW	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BUOC Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HCW	D_CSM	*Supply	*Supply			*Supply	-1056.0	-960.0	-1104.0	-960.0	-1104.0	-1056.0	-1008.0	-1104.0	-1008.0	-1056.0	-1056.0	-1008.0	-12480.0
HCW	D_CSM	107	NHCZZZZZ	Customer Service		ND	150.0	150.0	102.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	214.0	186.0	1632.0
HCW	D_CSM	150	NHCZZZZZ	Customer Service		NE	934.0	942.0	1027.0	932.0	980.0	934.0	878.0	980.0	878.0	934.0	862.0	862.0	10943.0
	D_CSM Total						28.0	32.0	25.0	22.0	26.0	28.0	20.0	26.0	20.0	28.0	20.0	20.0	295.0
HDA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDA	E	107	NHDZZZZZ	Distribution		NC	32.0	16.0	32.0	16.0	32.0	8.0	16.0	32.0	8.0	8.0	56.0	40.0	296.0
HDA	E	150	H0000012	Vegetation Management	PAYNE, J.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDA	E	150	H0000014	Attend Training	PAYNE, J.	NC	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	[illegible]

Resource Law Report-Detail

CHA	FS Ur Class	EE	Project	Project Name	Mgr Employee ID	Inst	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDA	E	150	H0000015	Attend Safety Training	PAYNE, J.	NC	1.0	1.5	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	14.5
HDA	E	150	H0000332	2001 Test Year Rate Case	ADM	NS	16.0	16.0	16.0	16.0	16.0	16.0	16.0	40.0	40.0	40.0	40.0	20.0	292.0
HDA	E	150	NHDZZZZZ	Distribution		NC	143.0	143.0	150.0	143.0	151.0	167.0	150.0	127.0	135.0	143.0	95.0	123.0	1670.0
	E Total						17.0	17.5	17.0	17.0	17.0	17.0	18.0	18.0	18.0	18.0	18.0	18.0	210.5
HDA	FS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FS Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDA	TC	*Supply	*Supply			*Supply	-628.0	-480.0	-552.0	-480.0	-552.0	-628.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HDA	TC	107	NHDZZZZZ	Distribution		NC	72.0	48.0	84.0	32.0	24.0	40.0	120.0	24.0	48.0	24.0	88.0	152.0	736.0
HDA	TC	150	H0000012	Vegetation Management	PAYNE, J.	NS	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	732.0
HDA	TC	150	H0000014	Attend Training	PAYNE, J.	NC	3.0	3.0	4.0	4.0	4.0	4.0	8.0	6.0	6.0	6.0	6.0	6.0	58.0
HDA	TC	150	H0000015	Attend Safety Training	PAYNE, J.	NC	3.0	4.5	6.0	3.0	3.0	3.0	6.0	3.0	3.0	3.0	3.0	3.0	43.5
HDA	TC	150	NHDZZZZZ	Distribution		BE	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	6.0
HDA	TC	150	NHDZZZZZ	Distribution		NC	410.0	388.0	438.0	402.0	481.0	442.0	332.0	480.0	407.0	456.0	391.0	304.0	4929.0
	TC Total						22.0	22.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	264.5
HDC	BUOC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDC	BUOC	107	NHDZZZZZ	Distribution		NC	61.0	37.0	29.0	37.0	69.0	37.0	61.0	46.0	45.0	77.0	62.0	62.0	622.0
HDC	BUOC	150	H0000014	Attend Training	PAYNE, J.	NC	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0
HDC	BUOC	150	H0000015	Attend Safety Training	PAYNE, J.	NC	1.0	2.0	1.0	1.0	1.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	27.0
HDC	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	BUOC	150	NHDZZZZZ	Distribution		NC	117.0	121.0	153.0	124.0	113.0	135.0	106.0	135.0	119.0	99.0	110.0	102.0	1433.0
	BUOC Total						3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	12.0
HDC	FS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDC	FS	107	NHDZZZZZ	Distribution		NC	29.0	13.0	3.0	29.0	13.0	13.0	13.0	29.0	14.0	38.0	38.0	62.0	296.0
HDC	FS	150	H0000014	Attend Training	PAYNE, J.	NC	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	35.0
HDC	FS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	44.0
HDC	FS	150	H0000332	2001 Test Year Rate Case	ADM	NS	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HDC	FS	150	H0000350	Hokukano Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	FS	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	48.0	16.0	16.0	32.0	0.0	0.0	112.0
HDC	FS	150	H0000445	Poopoomino #2 Tsf	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	FS	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	24.0	8.0	8.0	16.0	0.0	0.0	56.0
HDC	FS	150	H0000496	Palani Supy	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0	88.0
HDC	FS	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	8.3
HDC	FS	150	H1012000	UNIT SUBSTATION PURCHA	KAMIGAKI, H.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	FS	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	2.5	2.5	2.5	3.7	3.7	3.7	2.5	2.5	2.5	3.7	3.7	3.7	37.2
HDC	FS	150	H4800000	MINOR COMMUNICATIONS F	KAMIGAKI, H.	NI	3.7	3.7	3.7	5.5	5.5	5.5	3.7	3.7	3.7	5.5	5.5	5.5	55.2
HDC	FS	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	24.0	8.0	8.0	16.0	0.0	0.0	56.0
HDC	FS	150	HKamig06	Temp Proj HKamig06	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	FS	150	NHDZZZZZ	Distribution		NC	144.0	143.0	176.0	127.0	166.0	158.0	150.0	150.0	149.0	133.0	133.0	109.0	1737.0
	FS Total						16.6	16.6	16.6	38.0	20.0	20.0	112.6	48.6	48.6	84.0	106.0	20.0	550.7
HDC	TCS	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HDC	TCS	107	NHDZZZZZ	Distribution		NC	36.0	36.0	20.0	36.0	37.0	37.0	37.0	37.0	37.0	37.0	69.0	83.0	472.0
HDC	TCS	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	25.0
HDC	TCS	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0	30.0
HDC	TCS	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	8.0	0.0	0.0	24.0
HDC	TCS	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	ARusse16	Temp Proj ARusse16	RUSSELL, A.	NI	0.0	0.0	0.0	8.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
HDC	TCS	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	ARusse24	Temp Proj ARusse24	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	54.0
HDC	TCS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	6.0	8.0	16.0	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0	7.0	88.0
HDC	TCS	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0000455	HRD Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0000648	Hawi Basestation	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0000726	Waiau Plant Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	4.0	0.0	0.0	20.0
HDC	TCS	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0000919	Puna Sw Sta - Ckr Switcher	HATAKENAKA, S.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	16.0
HDC	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001034	COH MW Upgrade-Kulani Con	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001037	COH MW Upgrade-Ohia Mil	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Resource Lev... Report-Detail

(Hours)

RA	Lbr Class	EE	Project	Project Description	Mgr(Emp)/Resp Dir	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDC	TCS	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001063	Kan lo Shipman Fiber	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001071	Anaehoomalu Xfmr Fan Add	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001120	Kuakini Unit Sub 2	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001186	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	8.0	0.0	0.0	0.0	24.0
HDC	TCS	150	H0001195	MW Radio Repl-Kaumana - Pu	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001199	Keahole Sta 32 RTU Repl	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
HDC	TCS	150	H0001205	Apollo SCADA at Kamaoa	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001208	Waimea CB7701 Replacement	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H0001271	Keamuku CB6602 Replacemen	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.0
HDC	TCS	150	H1012000	UNIT SUBSTATION PURCHA	KAMIGAKI, H.	NI	0.0	30.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0
HDC	TCS	150	H3404000	Substation Equip Repl	PAYNE, J.	NI	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	7.0
HDC	TCS	150	H3422000	SUBSTN BATTERY BANK RE	PAYNE, J.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	NHDZZZZZ	Distribution		NC	309.0	277.0	330.0	279.0	323.0	308.0	292.0	321.0	291.0	308.0	276.0	276.0	3588.0
HDC	TCS	150	SHatak20	Temp Proj SHatak20	HATAKENAKA, S.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
HDC	TCS	150	SHatak37	Temp Proj SHatak37	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0	0.0	0.0	0.0	0.0	32.0
HDC	TCS	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	SHatak40	Temp Proj SHatak40	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	TCS	150	SHatak41	Temp Proj SHatak41	HATAKENAKA, S.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak42	Temp Proj SHatak42	HATAKENAKA, S.	NI	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak43	Temp Proj SHatak43	HATAKENAKA, S.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak44	Temp Proj SHatak44	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDC	TCS	150	SHatak45	Temp Proj SHatak45	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TCS Total						3.9	35.9	18.9	137.9	10.9	37.9	36.9	79.9	49.9	20.9	25.9	25.9	484.0
HDC	D_TECHCREW	*Supply	*Supply			*Supply	-3696.0	-3360.0	-3864.0	-3360.0	-3864.0	-3696.0	-3528.0	-3864.0	-3528.0	-3696.0	-3696.0	-3528.0	-43680.0
HDC	D_TECHCREW	107	NHDZZZZZ	Distribution		NC	450.0	450.0	282.0	450.0	451.0	451.0	451.0	451.0	451.0	451.0	787.0	619.0	5744.0
HDC	D_TECHCREW	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0	40.0
HDC	D_TECHCREW	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	30.0
HDC	D_TECHCREW	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0	0.0	0.0	0.0	88.0
HDC	D_TECHCREW	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	ARusse16	Temp Proj ARusse16	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	ARusse24	Temp Proj ARusse24	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	120.0	80.0	0.0	0.0	0.0	0.0	0.0	200.0
HDC	D_TECHCREW	150	ARusse24	Temp Proj ARusse24	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HDC	D_TECHCREW	150	H0000010	Battery Replacement	PAYNE, J.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	30.0
HDC	D_TECHCREW	150	H0000010	Battery Replacement	PAYNE, J.	NR	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HDC	D_TECHCREW	150	H0000014	Attend Training	PAYNE, J.	NE	51.0	51.0	51.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	619.0
HDC	D_TECHCREW	150	H0000015	Attend Safety Training	PAYNE, J.	NE	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	791.0
HDC	D_TECHCREW	150	H0000016	Substation Inspection	PAYNE, J.	NE	87.0	87.0	87.0	87.0	87.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	1049.0
HDC	D_TECHCREW	150	H0000350	Hokukano Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	346.0	346.0	88.0	0.0	0.0	780.0
HDC	D_TECHCREW	150	H0000445	Poopoomino #2 Tsf	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330.0	330.0	80.0	0.0	0.0	740.0
HDC	D_TECHCREW	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000455	HRD Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000458	HRD Supy	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000498	Palani Supy	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.0	0.0	240.0
HDC	D_TECHCREW	150	H0000648	Hawi Basestation	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000726	Waiau Plant Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	40.0	0.0	0.0	160.0
HDC	D_TECHCREW	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000853	AMR - Turtle Meters & Eqpt	ADM	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000919	Puna Sw Sta - Ckt Switcher	HATAKENAKA, S.	NI	0.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	40.0
HDC	D_TECHCREW	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0000968	Bushing Upgrade	PAYNE, J.	NE	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	178.0

Resource Lev[illegible] Report-Detail
(Hours)

RA	Lbr Class	EE	Project	Project Description	Mgr/Eng/Resp	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDC	D_TECHCREW	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001033	COH MW Upgrade-Hilo Base	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001034	COH MW Upgrade-Kulani Con	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001035	COH MW Upgrade-Naalehu Pa	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001036	COH MW Upgrade-South Poin	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001037	COH MW Upgrade-Ohia Mill	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001038	COH MW Upgrade-Hill Plant	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001063	Kan to Shipman Fiber	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001071	Anaehoomalu Xfmr Fan Add	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001120	Kuakini Unit Sub 2	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001186	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0	0.0	0.0	0.0	0.0	88.0
HDC	D_TECHCREW	150	H0001187	Dist Relay Upgd-Line 6600	RUSSELL, A.	NI	0.0	0.0	122.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.0
HDC	D_TECHCREW	150	H0001187	Dist Relay Upgd-Line 6600	RUSSELL, A.	NR	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0
HDC	D_TECHCREW	150	H0001188	Dist Relay Upgd-Pohoiki	RUSSELL, A.	NI	0.0	0.0	60.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0
HDC	D_TECHCREW	150	H0001188	Dist Relay Upgd-Pohoiki	RUSSELL, A.	NR	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
HDC	D_TECHCREW	150	H0001189	Dist Relay Upgd-Puna	RUSSELL, A.	NI	0.0	0.0	96.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.0
HDC	D_TECHCREW	150	H0001189	Dist Relay Upgd-Puna	RUSSELL, A.	NR	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
HDC	D_TECHCREW	150	H0001195	MW Radio Repl-Kaumana - Pu	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001195	MW Radio Repl-Kaumana - Pu	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001198	Hilo to Humuula MW Upgrade	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001199	Keahole Sta 32 RTU Repl	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	80.0
HDC	D_TECHCREW	150	H0001203	Apollo Kamaoa Substation	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001204	Apollo Kamaoa to S PT MW	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001206	Waimea CB7701 Replacement	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H0001271	Keamuku CB8802 Replacemen	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NI	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	1550.0
HDC	D_TECHCREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NR	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	691.0
HDC	D_TECHCREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	175.0
HDC	D_TECHCREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NR	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	1050.0
HDC	D_TECHCREW	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	5.1	5.1	5.1	7.6	7.6	7.6	5.1	5.1	5.1	7.6	7.6	7.6	76.5
HDC	D_TECHCREW	150	H1012000	UNIT SUBSTATION PURCHAS	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	120.0	0.0	0.0	150.0
HDC	D_TECHCREW	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	23.3	23.3	23.3	34.9	34.9	34.9	23.3	23.3	23.3	34.9	34.9	34.9	349.2
HDC	D_TECHCREW	150	H3404000	Substation Equip Repl	PAYNE, J.	NI	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	200.0
HDC	D_TECHCREW	150	H3422000	SUBSTN BATTERY BANK RE	PAYNE, J.	NI	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	100.0
HDC	D_TECHCREW	150	H4800000	MINOR COMMUNICATIONS F	KAMIGAKI, H.	NI	19.7	19.7	19.7	29.4	29.4	29.4	19.7	19.7	19.7	29.4	29.4	29.4	294.4
HDC	D_TECHCREW	150	H4816000	Delta Mobile Radio	PAYNE, J.	NI	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	25.0
HDC	D_TECHCREW	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0	300.0	88.0	0.0	0.0	688.0
HDC	D_TECHCREW	150	HKamig08	Temp Proj HKamig08	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	JPayne09	Temp Proj JPayne09	PAYNE, J.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	200.0
HDC	D_TECHCREW	150	JPayne11	Temp Proj JPayne11	PAYNE, J.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375.0	0.0	375.0
HDC	D_TECHCREW	150	JPayne12	Temp Proj JPayne12	PAYNE, J.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.0	0.0	175.0
HDC	D_TECHCREW	150	NHDZZZZZ	Distribution		NC	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	720.0
HDC	D_TECHCREW	150	NHDZZZZZ	Distribution		NE	2080.4	1635.5	2258.4	1806.3	2098.6	2083.9	1947.2	2089.9	1841.9	1998.3	1685.3	1774.4	23298.0
HDC	D_TECHCREW	150	SHatak20	Temp Proj SHatak20	HATAKENAKA, S.	NI	0.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	80.0
HDC	D_TECHCREW	150	SHatak37	Temp Proj SHatak37	HATAKENAKA, S.	NI	0.0	40.0	0.0	0.0	0.0	0.0	160.0	160.0	0.0	0.0	0.0	0.0	360.0
HDC	D_TECHCREW	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	80.0
HDC	D_TECHCREW	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	SHatak40	Temp Proj SHatak40	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDC	D_TECHCREW	150	SHatak41	Temp Proj SHatak41	HATAKENAKA, S.	NI	0.0	0.0	0.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	SHatak42	Temp Proj SHatak42	HATAKENAKA, S.	NI	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	SHatak43	Temp Proj SHatak43	HATAKENAKA, S.	NI	0.0	0.0	0.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HDC	D_TECHCREW	150	SHatak44	Temp Proj SHatak44	HATAKENAKA, S.	NI	0.0	0.0	0.0	160.0	0.0	90.2	0.0	0.0	0.0	0.0	0.0	0.0	250.2
HDC	D_TECHCREW	150	SHatak45	Temp Proj SHatak45	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	D_TECHCREW Total						-521.3	-580.2	-160.3	219.4	-525.3	-140.8	-155.5	848.2	568.2	-141.8	447.4	-483.5	-815.7
HDH	FS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDH	FS	107	NHDZZZZZ	Distribution		NC	16.0	56.0	0.0	16.0	8.0	32.0	16.0	8.0	32.0	8.0	64.0	80.0	336.0
HDH	FS	150	H0000014	Attend Training	PAYNE, J.	NC	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	[illegible]

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Resource Lev Report-Detail

(Hours)

BA	Ut Class	LE	Project	Project Description	Mgmt Employee D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDH	FS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	2.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	34.0
HDH	FS	150	NHDZZZZZ	Distribution		NC	173.0	116.0	198.0	155.0	189.0	156.0	184.0	198.0	148.0	180.0	124.0	100.0	1889.0
	FS Total						18.0	18.0	18.0	18.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	200.0
HDH	TCS	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HDH	TCS	107	NHDZZZZZ	Distribution		NC	47.0	47.0	31.0	47.0	48.0	48.0	48.0	48.0	49.0	49.0	81.0	65.0	608.0
HDH	TCS	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	12.9
HDH	TCS	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4
HDH	TCS	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NE	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2
HDH	TCS	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	11.0
HDH	TCS	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NR	0.0	0.0	0.0	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
HDH	TCS	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NS	0.0	0.0	0.0	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.5
HDH	TCS	150	Gichin07	Temp Proj Gichin07	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	45.0
HDH	TCS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	4.0	6.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	68.0
HDH	TCS	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0
HDH	TCS	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000919	Puna Sw Sta - Ckt Switcher	HATAKENAKA, S.	NI	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
HDH	TCS	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	8.0	16.0	0.0	0.0	0.0	0.0	0.0	24.0
HDH	TCS	150	H0000990	KMC Upgrade Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDH	TCS	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001120	Kuakini Unit Sub 2	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001166	TRANS DN GUY REPL PH 3	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001166	TRANS DN GUY REPL PH 3	YOSHIDA, E.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	8.0
HDH	TCS	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001270	Manin'owali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001270	Manin'owali Offsite	RATIFIC, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001278	SSPP Unit 799-Chalaire	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001283	Shipman Industrial Ph 1D	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001286	Hilolani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001287	Bill Evans	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001288	SSPP Unit 769-Baker	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001289	Mark Lau	NISHIURA, C.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0001289	Mark Lau	NISHIURA, C.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	2.0	2.5	2.5	3.2	2.5	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.8
HDH	TCS	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	79.6
HDH	TCS	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	13.1	11.7	11.7	10.2	10.2	13.1	17.6	11.7	11.7	11.7	11.7	11.7	145.7
HDH	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	90.0
HDH	TCS	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	71.8
HDH	TCS	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	191.5
HDH	TCS	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	65.0
HDH	TCS	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	15.0	18.8	18.8	24.8	19.8	20.7	15.0	15.0	9.4	17.0	9.4	5.7	188.1
HDH	TCS	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.9
HDH	TCS	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	[illegible]	[illegible]

Hawaii Electric Light Co, Inc. [illegible]

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(Hours)

RA	Lbr Class	EE	Project	Project Description	Mgr/Eng/Ratio D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDH	TCS	150	H3521000	SSPP Requests	IMOTO, A.	NI	4.4	5.6	5.6	7.3	5.6	6.2	4.4	4.4	2.8	5.1	2.8	1.8	55.7
HDH	TCS	150	H9165000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	358.8
HDH	TCS	150	NHDZZZZZ	Distribution		NC	239.9	207.0	269.3	215.4	246.9	235.4	219.7	251.4	221.9	229.0	205.0	207.2	2748.0
HDH	TCS	150	RRatif06	Temp Proj RRatif06	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	TCS	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	8.0
HDH	TCS	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
HDH	TCS	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TCS Total						53.8	59.0	55.3	90.1	58.4	92.5	90.1	59.9	47.5	49.4	68.8	58.6	779.4
HDH	D_CREW	*Supply	*Supply			*Supply	-5456.0	-4960.0	-5704.0	-4960.0	-5704.0	-5456.0	-5208.0	-5704.0	-5208.0	-5456.0	-5456.0	-5208.0	-64480.0
HDH	D_CREW	107	NHDZZZZZ	Distribution		NC	733.0	733.0	485.0	733.0	734.0	734.0	734.0	734.0	735.0	735.0	1231.0	983.0	9304.0
HDH	D_CREW	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1291.6	1291.6
HDH	D_CREW	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	242.7	242.7
HDH	D_CREW	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NE	0.0	0.0	0.0	98.2	98.2	98.2	0.0	0.0	0.0	0.0	0.0	0.0	294.7
HDH	D_CREW	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	321.2	321.2	321.2	0.0	0.0	0.0	0.0	0.0	0.0	963.7
HDH	D_CREW	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NR	0.0	0.0	0.0	160.7	160.7	160.7	0.0	0.0	0.0	0.0	0.0	0.0	482.0
HDH	D_CREW	150	Gichin07	Temp Proj Gichin07	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000012	Vegetation Management	PAYNE, J.	NE	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	1296.0
HDH	D_CREW	150	H0000013	OH Line Inspection	PAYNE, J.	NE	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	2136.0
HDH	D_CREW	150	H0000014	Attend Training	PAYNE, J.	NE	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	56.0	56.0	56.0	56.0	664.0
HDH	D_CREW	150	H0000015	Attend Safety Training	PAYNE, J.	NE	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	90.0	90.0	1070.0
HDH	D_CREW	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	80.0
HDH	D_CREW	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.0	0.0	534.0
HDH	D_CREW	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.0	0.0	134.0
HDH	D_CREW	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000919	Puna Sw Sta - Cir Switcher	HATAKENAKA, S.	NI	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HDH	D_CREW	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	80.0	120.0	0.0	0.0	0.0	0.0	0.0	200.0
HDH	D_CREW	150	H0000990	KMC Upgrade Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
HDH	D_CREW	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NE	0.0	0.0	0.0	0.0	0.0	450.4	450.4	450.4	0.0	0.0	0.0	0.0	1351.3
HDH	D_CREW	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	4273.8	4273.8	4273.8	0.0	0.0	0.0	0.0	12821.5
HDH	D_CREW	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NR	0.0	0.0	0.0	0.0	0.0	5107.7	5107.7	5107.7	0.0	0.0	0.0	0.0	15323.0
HDH	D_CREW	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001120	Kuakini Unit Sub 2	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001166	TRANS DN GUY REPL PH 3	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001166	TRANS DN GUY REPL PH 3	YOSHIDA, E.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	80.0	80.0	0.0	0.0	0.0	0.0	160.0
HDH	D_CREW	150	H0001206	Waimea CB7701 Replacement	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001270	Maniniowali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001270	Maniniowali Offsite	RATIFIC, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001271	Keamuku CB6802 Replacement	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001278	SSPP Unit 789-Chatairs	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Resource Lev Report-Detail

(hours)

RA	Lbr Class	EE	Project	Project	Mgr Emp Name	Dir	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDH	D_CREW	150	H0001283	Shipman Industrial Pth 1D	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001288	Hilobani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001287	Bill Evans	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001288	SSPP Unit 769-Baker	ICHINOSE, G.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001288	SSPP Unit 769-Baker	ICHINOSE, G.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001289	Mark Lau	NISHIURA, C.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0001289	Mark Lau	NISHIURA, C.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.8	10.0	5.8	3.3	110.9
HDH	D_CREW	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	826.2
HDH	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	322.0	286.2	286.2	250.0	250.0	322.0	432.4	286.2	286.2	286.2	286.2	286.2	3580.1
HDH	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NR	12.8	11.7	11.7	10.8	10.8	12.8	15.4	11.7	11.7	11.7	11.7	11.7	144.2
HDH	D_CREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NI	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
HDH	D_CREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	1450.0
HDH	D_CREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NR	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	200.0
HDH	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	589.4
HDH	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NR	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.2
HDH	D_CREW	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	4405.1
HDH	D_CREW	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NR	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	1201.8
HDH	D_CREW	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	389.8
HDH	D_CREW	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	126.9	158.7	158.7	207.8	158.7	174.6	126.9	126.9	79.3	142.8	79.3	47.6	1588.0
HDH	D_CREW	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	1.0	1.0	1.0	1.8	1.8	1.8	1.0	1.0	1.0	1.8	1.8	1.8	15.3
HDH	D_CREW	150	H1013000	MINOR OH LINE CONVERSIO	IMOTO, A.	NI	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	143.9
HDH	D_CREW	150	H1013000	MINOR OH LINE CONVERSIO	IMOTO, A.	NR	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	16.0
HDH	D_CREW	150	H1014000	MINOR TRANS LINE ADDITIO	KAMIGAKI, H.	NI	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	78.6
HDH	D_CREW	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	83.0
HDH	D_CREW	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	2.7	2.7	2.7	4.1	4.1	4.1	2.7	2.7	2.7	4.1	4.1	4.1	40.6
HDH	D_CREW	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	565.0
HDH	D_CREW	150	H3521000	SSPP Requests	IMOTO, A.	NI	99.9	124.9	124.9	163.4	124.9	137.4	99.9	99.9	62.4	112.4	62.4	37.5	1250.0
HDH	D_CREW	150	H9185000	SPECIAL TEMPORARY FACIL	IMOTO, A.	BT	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
HDH	D_CREW	150	JPayne07	Temp Proj JPayne07	PAYNE, J.	NI	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	80.0
HDH	D_CREW	150	JPayne08	Temp Proj JPayne08	PAYNE, J.	NI	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	150.0
HDH	D_CREW	150	NHDZZZZZ	Distribution		NC	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	924.0
HDH	D_CREW	150	NHDZZZZZ	Distribution		NE	1417.3	1121.2	1723.5	1111.9	1569.0	1421.5	1269.6	1583.9	1268.9	1419.5	1115.0	1116.7	16116.0
HDH	D_CREW	150	NHDZZZZZ	Distribution		NS	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	720.0
HDH	D_CREW	150	RRatf06	Temp Proj RRatf06	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	40.0	80.0	0.0	0.0	0.0	0.0	120.0
HDH	D_CREW	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	80.0
HDH	D_CREW	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDH	D_CREW	150	SHatak44	Temp Proj SHatak44	HATAKENAKA, S.	NI	0.0	0.0	0.0	80.0	0.0	135.3	0.0	0.0	0.0	0.0	0.0	0.0	215.3
HDH	D_CREW	150	SHatak45	Temp Proj SHatak45	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	D_CREW Total						-1311.2	-1089.0	-1478.7	-902.8	-839.2	9711.8	8975.2	8623.6	-1335.7	-1311.2	-488.6	240.5	19393.8
HDK	FS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDK	FS	107	NHDZZZZZ	Distribution		NC	32.0	8.0	0.0	48.0	16.0	16.0	32.0	8.0	24.0	16.0	40.0	96.0	336.0
HDK	FS	150	H0000014	Attend Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	38.0
HDK	FS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	35.0
HDK	FS	150	H0000941	Customer Info System Rapl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	FS	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	111.2
HDK	FS	150	NHDZZZZZ	Distribution		NC	149.0	158.0	188.0	116.0	172.0	184.0	140.0	180.0	148.0	184.0	139.0	75.0	1791.0
	FS Total						19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	231.2
HDK	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDK	TC	107	NHDZZZZZ	Distribution		NC	8.0	16.0	0.0	8.0	8.0	8.0	56.0	8.0	8.0	8.0	32.0	56.0	216.0
HDK	TC	150	H0000014	Attend Training	PAYNE, J.	NC	11.0	11.0	11.0	11.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	140.0
HDK	TC	150	H0000015	Attend Safety Training	PAYNE, J.	NC	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	35.0
HDK	TC	150	H0001197	Kashuclu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TC	150	H0001202	Kashuclu 69kV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TC	150	NHDZZZZZ	Distribution		NC	174.0	150.0	189.0	158.0	182.0	173.0	116.0	181.0	165.0	173.0	149.0	117.0	1927.0
	TC Total						19.0	20.0	19.0	20.0	21.0	20.0	19.0	20.0	20.0	20.0	20.0	20.0	239.0
HDK	TCS	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HDK	TCS	107	NHDZZZZZ	Distribution		NC	52.0	52.0	36.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	84.0	88.0	656.0
HDK	TCS	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
HDK	TCS	150	H0000013	OH Line Inspection	PAYNE, J.	NS	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	384.0

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Resource Leve port-Detail

(Hours)

BA	Ltr Class	EE	Project	Project	Hon Emp/Rem LN	REASON	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	FYTD
HDK	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000016	Attend Safety Training	PAYNE, J.	NC	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	71.0
HDK	TCS	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000441	Hokukano 12KV UG Offsite	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000443	Patani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	12.0
HDK	TCS	150	H0000444	Patani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	16.0
HDK	TCS	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	4.1
HDK	TCS	150	H0000451	Waikoloa Pump 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	349.8	349.8	0.0	0.0	699.6
HDK	TCS	150	H0000850	Kukio 69KV UG Conversion	BALTERO, R.	NI	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	32.8
HDK	TCS	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	8.0	0.0	0.0	0.0	24.0
HDK	TCS	150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	0.0	0.0	0.0	12.0
HDK	TCS	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001058	KUKIO S/D PH III	REDMAN, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001248	SSPP 780 - Matsig	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001250	SSPP 801-Correa	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001268	SSPP 804-Frazier	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001273	SSPP 724-New Zealand	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001278	SSPP 827-Howdey	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001280	SSPP 812-Baybayan	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0001290	Puulani Lots 32833	REDMAN, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDK	TCS	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	2.0	2.5	2.5	3.2	2.6	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.6
HDK	TCS	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	157.3
HDK	TCS	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	10.9	10.1	10.1	9.1	9.1	10.9	13.6	10.1	10.1	10.1	10.1	10.1	124.5
HDK	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0
HDK	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NR	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
HDK	TCS	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	111.2
HDK	TCS	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	71.0
HDK	TCS	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	6.2	7.8	7.8	10.2	7.8	8.6	8.2	6.2	3.0	7.0	3.0	2.4	78.2
HDK	TCS	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	54.2
HDK	TCS	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	171.5
HDK	TCS	150	H3521000	SSPP Requests	IMOTO, A.	NI	1.3	1.6	1.6	2.0	1.6	1.8	1.3	1.3	0.7	1.5	0.7	0.4	15.9
HDK	TCS	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HDK	TCS	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0	40.0
HDK	TCS	150	NHDZZZZZ	Distribution		NC	320.0	290.0	350.0	289.0	334.0	318.0	303.0	334.0	303.0	318.0	288.0	288.0	3735.0
HDK	TCS	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0
HDK	TCS	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0
HDK	TCS	150	RBalte15	Temp Proj RBalte15	BALTERO, R.	NI	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	45.2
	TCS Total						136.3	140.9	136.9	142.4	135.9	138.9	151.2	148.5	534.7	529.6	133.4	127.5	2453.5
HDK	D_CREW	*Supply	*Supply			*Supply	-3696.0	-3360.0	-3864.0	-3360.0	-3864.0	-3696.0	-3528.0	-3864.0	-3528.0	-3696.0	-3696.0	-3528.0	-43680.0
HDK	D_CREW	107	NHDZZZZZ	Distribution		NC	479.0	479.0	311.0	479.0	480.0	480.0	480.0	480.0	481.0	481.0	617.0	649.0	6096.0
HDK	D_CREW	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	26.0
HDK	D_CREW	150	H0000012	Vegetation Management	PAYNE, J.	NE	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	432.0

Resource Lev Report-Detail

(Hours)

RA	Lbr Class	EE	Project	Project	Non Employee D	Ind	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	FY05	
HDK	D_CREW	150	H0000013	OH Line Inspection	PAYNE, J.	NE	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	1020.0	769
HDK	D_CREW	150	H0000014	Attend Training	PAYNE, J.	NE	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	38.0	38.0	38.0	38.0	448.0	890
HDK	D_CREW	150	H0000015	Attend Safety Training	PAYNE, J.	NE	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	63.0	63.0	746.0	236
HDK	D_CREW	150	H0000350	Holukana Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000351	Holukana 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000351	Holukana 69kv Drop	KAMIGAKI, H.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000352	Holukana 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000441	Holukana 12KV UG Offsite	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	176.0	0.0	0.0	0.0	0.0	0.0	176.0	
HDK	D_CREW	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	384.0	0.0	0.0	384.0	
HDK	D_CREW	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	8.0	
HDK	D_CREW	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	416.0	0.0	0.0	416.0	
HDK	D_CREW	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	176.0	0.0	0.0	0.0	0.0	0.0	176.0	
HDK	D_CREW	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.6	0.0	0.0	130.6	
HDK	D_CREW	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	4.1	
HDK	D_CREW	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	31.7	
HDK	D_CREW	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000725	Queen K-Kalwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	765.7	765.7	765.7	0.0	0.0	0.0	2297.0	
HDK	D_CREW	150	H0000725	Queen K-Kalwi-Palani 69KV	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	382.7	382.7	382.7	0.0	0.0	0.0	1148.0	
HDK	D_CREW	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001058	KUKIO S/D PH III	REDMAN, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001148	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001148	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001197	Keahuolu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001202	Keahuolu 69kV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001202	Keahuolu 69kV Drop	HATAKENAKA, S.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001234	RPL Oceanic Time Warner Cat	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001234	RPL Oceanic Time Warner Cat	DEMICHELIS, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001242	RPL Keauhou Loop Line	DEMICHELIS, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001248	SSPP 780 - Matsaig	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001250	SSPP 801-Comes	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001268	SSPP 804-Frazier	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001273	SSPP 724-New Zealand	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001278	SSPP 827-Hownley	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001280	SSPP 812-Bayberyan	YAMATO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0001298	Puuiani Lots 32833	REDMAN, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_CREW	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.8	10.0	5.8	3.3	110.9	
HDK	D_CREW	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	1632.6	
HDK	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	120.6	107.1	107.1	93.6	93.6	120.6	161.0	107.1	107.1	107.1	107.1	107.1	1340.0	
HDK	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NR	4.7	4.1	4.1	3.7	3.7	4.7	6.3	4.1	4.1	4.1	4.1	4.1	51.6	169
HDK	D_CREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NI	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	61.0	61
HDK	D_CREW	150	H1002000	PURCH TSF AND RELATED	PAYNE, J.	NI	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	1750.0	275
HDK	D_CREW	150	H1002000	PURCH TSF AND RELATED	PAYNE, J.	NR	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	500.0	
HDK	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	1833.6	307
HDK	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NR	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	49.9	
HDK	D_CREW	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	1669.0	

Resource Leve[illegible] eport-Detail

(Hours)

BA	Ur Class	EE	Project	Project	Mgr/Eng/Rem	Dir Ind	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	FY04	
HDK	D_CREW	150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NR	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	600.8	
HDK	D_CREW	150	H1007000	MINOR OTHER OH ADDITION	MOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.4	74
HDK	D_CREW	150	H1008000	MINOR OH EXTN BELOW 200	MOTO, A.	NI	54.5	68.2	68.2	89.2	68.2	75.0	54.5	54.5	34.0	81.3	34.0	20.4	662.0	1655
HDK	D_CREW	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	19.3	107
HDK	D_CREW	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	332.8	373
HDK	D_CREW	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	2.7	2.7	2.7	4.1	4.1	4.1	2.7	2.7	2.7	4.1	4.1	4.1	40.8	86.6
HDK	D_CREW	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	1715.0	1733
HDK	D_CREW	150	H3521000	SSPP Requests	MOTO, A.	NI	20.4	25.5	25.5	33.3	25.5	27.9	20.4	20.4	12.7	22.9	12.7	7.7	254.8	
HDK	D_CREW	150	H4750000	OTHER UG ADDITIONS	NISHIOKA, E.	NI	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	14.8	2
HDK	D_CREW	150	H9185000	SPECIAL TEMPORARY FACIL	MOTO, A.	BT	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0	1572.
HDK	D_CREW	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	176.0	0.0	0.0	0.0	0.0	0.0	176.0	
HDK	D_CREW	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	60.0	
HDK	D_CREW	150	NHDZZZZZ	Distribution		NE	635.4	683.0	685.1	725.1	948.3	771.0	730.0	1010.5	813.2	868.3	675.0	675.0	9720.0	
HDK	D_CREW	150	NHDZZZZZ	Distribution		NS	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0	
HDK	D_CREW	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	470.0	0.0	0.0	0.0	470.0	
HDK	D_CREW	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340.0	0.0	0.0	0.0	340.0	
HDK	D_CREW	150	RBalte15	Temp Proj RBalte15	BALTERO, R.	NI	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	1122.6	
HDK	D_CREW	150	RBalte15	Temp Proj RBalte15	BALTERO, R.	NR	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	118.1	
	D_CREW Total						-890.0	-799.5	-1269.4	-737.2	-1049.1	-1020.1	792.9	152.4	1071.6	68.9	-841.0	-864.6	-5389.6	
HDK	D_INSPE	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0	
HDK	D_INSPE	107	NHDZZZZZ	Distribution		NC	28.0	28.0	16.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	44.0	36.0	344.0	
HDK	D_INSPE	150	H0000013	OH Line Inspection	PAYNE, J.	NE	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	120.0	
HDK	D_INSPE	150	H0000014	Attend Training	PAYNE, J.	NE	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	20.0	
HDK	D_INSPE	150	H0000015	Attend Safety Training	PAYNE, J.	NE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0	
HDK	D_INSPE	150	H0000350	Hokukano Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_INSPE	150	H0000442	Patani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	48.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0	
HDK	D_INSPE	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_INSPE	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	48.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0	
HDK	D_INSPE	150	NHDZZZZZ	Distribution		NE	11.0	9.0	13.0	9.0	11.0	10.0	9.0	11.0	9.0	10.0	7.0	7.0	118.0	
	D_INSPE Total						-125.0	-111.0	-139.0	-111.0	-34.0	-27.0	-116.0	-130.0	-116.0	-123.0	-110.0	-110.0	-1252.0	
HDK	D_TECHCREW	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	D_TECHCREW Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDK	D_WAREH	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0	
HDK	D_WAREH	107	NHDZZZZZ	Distribution		NC	24.0	8.0	0.0	32.0	16.0	32.0	8.0	40.0	8.0	24.0	32.0	40.0	264.0	
HDK	D_WAREH	150	H0000014	Attend Training	PAYNE, J.	NC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	26.0	
HDK	D_WAREH	150	H0000015	Attend Safety Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0	
HDK	D_WAREH	150	NHDZZZZZ	Distribution		NC	180.0	158.6	172.5	142.1	165.0	157.6	180.0	142.0	172.5	172.5	142.8	142.1	1929.0	
HDK	D_WAREH	150	NHDZZZZZ	Distribution		NE	20.0	20.0	52.0	3.0	36.0	12.0	28.0	12.0	27.0	19.0	11.0	3.0	243.0	
	D_WAREH Total						53.9	31.5	45.5	22.1	38.0	30.8	53.0	15.6	45.5	45.5	15.8	23.1	420.0	
HDR	BUOC	*Supply	*Supply			*Supply	-1056.0	-960.0	-1104.0	-960.0	-1104.0	-1056.0	-1008.0	-1104.0	-1008.0	-1056.0	-1056.0	-1008.0	-12480.0	
HDR	BUOC	107	NHDZZZZZ	Distribution		NC	135.0	135.0	87.0	136.0	135.0	135.0	135.0	135.0	136.0	136.0	232.0	184.0	1720.0	
HDR	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	BUOC	150	NHDZZZZZ	Distribution		NC	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	703.0	8436.0	
HDR	BUOC	150	NHDZZZZZ	Distribution		NE	306.0	210.0	402.0	209.0	354.0	306.0	258.0	354.0	256.0	304.0	208.0	208.0	3375.0	
	BUOC Total						88.0	88.0	88.0	87.0	88.0	88.0	88.0	88.0	87.0	87.0	87.0	87.0	1051.0	
HDR	BUTC	150	H0000014	Attend Training	PAYNE, J.	NC	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	21.0	21.0	21.0	21.0	244.0	
HDR	BUTC	150	H0000015	Attend Safety Training	PAYNE, J.	NC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	105.0	
	BUTC Total						29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.0	30.0	30.0	30.0	349.0	
HDR	FS	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	
HDR	FS	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	18.4	
HDR	FS	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0001269	Estates at Mauna Kea Pt2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0001270	Manini'owali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HDR	FS	150	H0007000	Unforseeable OH Cost Req	MOTO, A.	NI	2.0	2.5	2.5	3.2	2.5	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.8	
HDR	FS	150	H0011000	Unforseeable UG Cost Req	NISHIOKA, E.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	39.4	
HDR	FS	150	H1000000	MINOR OH SERVICES	MOTO, A.	NI	0.5	0.5	0.5	0.4	0.4	0.6	0.7	0.5	0.5	0.5	0.6	0.5	5.8	
HDR	FS	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	222.5	

Resource Lev Report-Detail

(Hours)

RA	Dr Class	EE	Project	Project	Mgr Emp/Rsrc	Inc	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HDR	FS	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	37.1
HDR	FS	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.2
HDR	FS	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	223.6
HDR	FS	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0
	FS Total						48.1	48.8	48.8	49.2	49.5	48.8	48.3	48.1	57.4	48.8	47.4	45.1	585.3
HDR	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDR	TCS	107	NHDZZZZZ	Distribution		NC	24.0	16.0	0.0	24.0	16.0	16.0	24.0	16.0	16.0	16.0	48.0	40.0	256.0
HDR	TCS	150	H0000013	OH Line Inspection	PAYNE, J.	NS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
HDR	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	28.0
HDR	TCS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	27.0
HDR	TCS	150	NHDZZZZZ	Distribution		NC	167.0	159.0	199.0	151.0	183.0	175.0	159.0	183.0	168.0	173.0	141.0	141.0	1997.0
	TCS Total						20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	240.0
HDR	D_INSPE	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HDR	D_INSPE	107	NHDZZZZZ	Distribution		NC	48.0	48.0	32.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	80.0	64.0	608.0
HDR	D_INSPE	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	9.0
HDR	D_INSPE	150	H0000013	OH Line Inspection	PAYNE, J.	NE	109.4	97.5	110.3	112.1	109.4	109.4	102.1	116.6	108.4	101.2	103.9	103.9	1284.0
HDR	D_INSPE	150	H0000014	Attend Training	PAYNE, J.	NE	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0	61.0
HDR	D_INSPE	150	H0000015	Attend Safety Training	PAYNE, J.	NE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	53.0
HDR	D_INSPE	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000441	Hokukano 12KV UG Offsite	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	75.0
HDR	D_INSPE	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	0.0	0.0	0.0	64.0
HDR	D_INSPE	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.0	0.0	25.5
HDR	D_INSPE	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	0.0	183.4
HDR	D_INSPE	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0000919	Puna Sw Sta - Ckt Switcher	HATAKENAKA, S.	NI	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
HDR	D_INSPE	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	24.0	0.0	0.0	48.0
HDR	D_INSPE	150	H0001063	Kain to Shipman Fiber	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001197	Keahuolu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	18.0
HDR	D_INSPE	150	H0001202	Keahuolu 69kV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0001270	Manin'owali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	H0007000	Unforeseable OH Cust Req	IMOTO, A.	NI	2.0	2.5	2.5	3.2	2.5	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.8
HDR	D_INSPE	150	H0011000	Unforeseable UG Cust Req	NISHIOKA, E.	NI	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	78.6
HDR	D_INSPE	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	8.2	7.2	7.2	8.3	8.3	8.2	10.9	7.2	7.2	7.2	7.2	7.2	90.3
HDR	D_INSPE	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.0
HDR	D_INSPE	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	589.4
HDR	D_INSPE	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HDR	D_INSPE	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	5.6
HDR	D_INSPE	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	33.4
HDR	D_INSPE	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	2.7	2.7	2.7	4.1	4.1	4.1	2.7	2.7	2.7	4.1	4.1	4.1	40.8
HDR	D_INSPE	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	565.9
HDR	D_INSPE	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0
HDR	D_INSPE	150	NHDZZZZZ	Distribution		NE	42.0	38.0	56.0	28.0	40.0	42.0	42.0	40.0	35.0	49.0	33.0	33.0	485.0
HDR	D_INSPE	150	NHDZZZZZ	Distribution		NS	13.0	0.0	16.0	12.0	14.0	13.0	4.0	22.0	10.0	5.0	4.0	3.0	116.0
HDR	D_INSPE	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0	0.0	0.0	0.0	152.0
HDR	D_INSPE	150	RBalte15	Temp Proj RBalte15	BALTERO, R.	NI	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	120.8
HDR	D_INSPE	150	RRat006	Temp Proj RRat006	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDR	D_INSPE	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
	D_INSPE Total						16.8	19.4	2.2	51.3	8.9	35.0	35.2	15.0	381.6	42.3	26.1	8.6	639.6
HDR	D_MAP	*Supply	*Supply			*Supply	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	D_MAP Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDS	BUTC	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0

HAWAII ELECTRIC LIGHT CO., INC.
Resource Law Report-Detail
(Hours)

RA	Liz Class	EE	Project	Project Name	Project Mgr	Vid	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FYTD
HDS	BUTC	107	NHDZZZZZ	Distribution		NC	62.0	122.0	58.0	42.0	123.0	59.0	83.0	83.0	83.0	59.0	131.0	75.0	1000.0
HDS	BUTC	150	H0000014	Attend Training	PAYNE, J.	NC	7.0	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	91.0
HDS	BUTC	150	H0000015	Attend Safety Training	PAYNE, J.	NC	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	80.0
HDS	BUTC	150	NHDZZZZZ	Distribution		NC	491.0	403.0	539.0	483.0	473.0	512.0	464.0	512.0	465.0	513.0	441.0	473.0	5769.0
	BUTC Total						58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	700.0
HDS	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDS	TCS	107	NHDZZZZZ	Distribution		NC	8.0	32.0	8.0	32.0	8.0	40.0	8.0	56.0	48.0	8.0	72.0	16.0	336.0
HDS	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	31.0
HDS	TCS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	27.0
HDS	TCS	150	H0000332	2001 Test Year Rate Case	ADM	NC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	44.0
HDS	TCS	150	NHDZZZZZ	Distribution		NC	167.0	127.0	175.0	127.0	175.0	134.0	158.0	126.0	118.0	165.0	101.0	153.0	1726.0
	TCS Total						7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	84.0
HDS	D_WAREH	*Supply	*Supply			*Supply	-704.0	-640.0	-736.0	-640.0	-736.0	-704.0	-672.0	-736.0	-672.0	-704.0	-704.0	-672.0	-8320.0
HDS	D_WAREH	107	NHDZZZZZ	Distribution		NC	91.0	91.0	59.0	91.0	91.0	91.0	91.0	91.0	92.0	92.0	156.0	124.0	1160.0
HDS	D_WAREH	150	H0000014	Attend Training	PAYNE, J.	NC	15.0	15.0	15.0	15.0	15.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	186.0
HDS	D_WAREH	150	H0000015	Attend Safety Training	PAYNE, J.	NC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	11.0	11.0	122.0
HDS	D_WAREH	150	NHDZZZZZ	Distribution		NC	627.0	563.0	691.0	563.0	660.0	628.0	595.0	659.0	594.0	628.0	561.0	561.0	7328.0
	D_WAREH Total						39.0	39.0	39.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	476.0
HDW	TC	*Supply	*Supply			*Supply	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TC Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDW	TCS	107	NHDZZZZZ	Distribution		NC	8.0	8.0	8.0	8.0	16.0	8.0	32.0	32.0	8.0	88.0	24.0	96.0	336.0
HDW	TCS	150	H0000013	OH Line Inspection	PAYNE, J.	NS	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	492.0
HDW	TCS	150	H0000014	Attend Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	38.0
HDW	TCS	150	H0000015	Attend Safety Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	38.0
HDW	TCS	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	2.3	2.3	0.0	0.0	9.5
HDW	TCS	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2
HDW	TCS	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	TCS	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	2.0	2.5	2.5	3.2	2.6	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.8
HDW	TCS	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	6.3	12.6	23.6	9.4	9.4	9.4	20.4	17.3	12.6	12.6	17.3	6.3	157.4
HDW	TCS	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	5.4	4.8	4.8	4.3	4.3	5.4	7.3	4.8	4.8	4.8	4.8	4.8	60.5
HDW	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	10.0
HDW	TCS	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	222.5
HDW	TCS	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	71.9
HDW	TCS	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	5.4	6.8	6.8	6.8	6.8	7.4	5.4	5.4	3.3	6.1	3.3	2.1	67.5
HDW	TCS	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	50.0
HDW	TCS	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	171.5
HDW	TCS	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HDW	TCS	150	NHDZZZZZ	Distribution		NC	175.7	160.7	194.1	140.0	198.1	175.7	144.7	160.7	158.4	108.1	149.4	70.4	1924.0
	TCS Total						120.1	126.7	149.1	107.0	134.4	125.9	137.1	136.6	116.0	141.4	118.4	106.6	1521.6
HDW	D_CREW	*Supply	*Supply			*Supply	-2288.0	-2080.0	-2392.0	-2080.0	-2392.0	-2288.0	-2184.0	-2392.0	-2184.0	-2288.0	-2288.0	-2184.0	-27040.0
HDW	D_CREW	107	NHDZZZZZ	Distribution		NC	277.0	277.0	173.0	277.0	278.0	278.0	278.0	278.0	279.0	279.0	487.0	383.0	3544.0
HDW	D_CREW	150	H0000012	Vegetation Management	PAYNE, J.	NE	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	72.0
HDW	D_CREW	150	H0000013	OH Line Inspection	PAYNE, J.	NE	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	504.0
HDW	D_CREW	150	H0000014	Attend Training	PAYNE, J.	NE	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	38.0	38.0	446.0
HDW	D_CREW	150	H0000015	Attend Safety Training	PAYNE, J.	NE	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	462.0
HDW	D_CREW	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.9	144.4	144.4	0.0	0.0	468.7
HDW	D_CREW	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	21.0
HDW	D_CREW	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	D_CREW	150	H0000988	Bushing Upgrade	PAYNE, J.	NE	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	176.0
HDW	D_CREW	150	H0001047	Waimea-Quil Recon. 7300 Line	RATIFIC, R.	NE	0.0	0.0	315.3	315.3	315.3	315.3	315.3	315.3	0.0	0.0	0.0	0.0	1892.0
HDW	D_CREW	150	H0001047	Waimea-Quil Recon. 7300 Line	RATIFIC, R.	NI	0.0	0.0	1633.0	1633.0	1633.0	1633.0	1633.0	1633.0	0.0	0.0	0.0	0.0	9797.8
HDW	D_CREW	150	H0001047	Waimea-Quil Recon. 7300 Line	RATIFIC, R.	NR	0.0	0.0	1941.9	1941.9	1941.9	1941.9	1941.9	1941.9	0.0	0.0	0.0	0.0	11651.2
HDW	D_CREW	150	H0001234	RPL Oceanic Time Warner Ca	DEMICHELIS, D.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	D_CREW	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	4.0	5.0	5.0	6.5	5.0	5.4	4.0	4.0	2.5	4.4	2.6	1.5	49.8
HDW	D_CREW	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	136.1	1632.8
HDW	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	71.0	63.1	63.1	65.1	65.1	71.0	95.3	63.1	63.1	63.1	63.1	63.1	799.2
HDW	D_CREW	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NR	5.4	4.8	4.8	4.2	4.2	5.4	7.2	4.8	4.8	4.8	4.8	4.8	59.8
HDW	D_CREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NI	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	21.0
HDW	D_CREW	150	H1001000	PURCHASE NEW KWH METE	PAYNE, J.	NR	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	21.0
HDW	D_CREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	[illegible]

Resource List Report-Detail

(hours)

TRA	Lbr Class	EE	Project	Project	Mgr Emp/Rate D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	YTD6
HDW	D_CREW	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NR	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	300.0
HDW	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	1249.9
HDW	D_CREW	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NR	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.2
HDW	D_CREW	150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NI	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	1669.0
HDW	D_CREW	150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NR	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	600.8
HDW	D_CREW	150	H1007000	MINOR OTHER OH ADDITION	MOTO, A.	NI	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	37.2
HDW	D_CREW	150	H1008000	MINOR OH EXTN BELOW 200	MOTO, A.	NI	46.4	58.0	58.0	75.9	58.0	63.8	46.4	46.4	29.0	52.2	29.0	17.4	580.4
HDW	D_CREW	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	1.0	1.0	1.0	1.6	1.6	1.6	1.0	1.0	1.0	1.6	1.6	1.6	15.3
HDW	D_CREW	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	83.0
HDW	D_CREW	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	2.7	2.7	2.7	4.1	4.1	4.1	2.7	2.7	2.7	4.1	4.1	4.1	40.8
HDW	D_CREW	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	1149.1
HDW	D_CREW	150	H9185000	SPECIAL TEMPORARY FACI	MOTO, A.	BT	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
HDW	D_CREW	150	NHDZZZZZ	Distribution		NC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	84.0
HDW	D_CREW	150	NHDZZZZZ	Distribution		NE	746.0	671.0	621.0	671.0	783.0	746.0	707.0	782.0	707.0	744.0	666.0	666.0	8714.0
HDW	D_CREW	150	NHDZZZZZ	Distribution		NS	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	432.0
	D_CREW Total						-335.2	-198.1	3426.1	3704.9	3486.5	3576.8	3848.1	3660.4	-150.2	-169.1	-226.6	-239.2	20179.6
HDW	D_INSPE	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDW	D_INSPE	107	NHDZZZZZ	Distribution		NC	96.0	16.0	8.0	16.0	16.0	56.0	16.0	56.0	16.0	56.0	32.0	24.0	408.0
HDW	D_INSPE	150	H0000013	OH Line Inspection	PAYNE, J.	NE	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	336.0
HDW	D_INSPE	150	H0000014	Attend Training	PAYNE, J.	NE	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	34.0
HDW	D_INSPE	150	H0000015	Attend Safety Training	PAYNE, J.	NE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
HDW	D_INSPE	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	D_INSPE	150	H0000455	HRD Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	D_INSPE	150	NHDZZZZZ	Distribution		NE	6.0	26.0	36.0	25.0	33.0	17.0	26.0	20.0	26.0	17.0	25.0	25.0	285.0
HDW	D_INSPE	150	NHDZZZZZ	Distribution		NS	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0
	D_INSPE Total						-40.0	-83.0	-104.0	-83.0	-99.0	-67.0	-68.0	-72.0	-86.0	-67.0	-83.0	-83.0	-957.0
HDW	D_WAREH	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HDW	D_WAREH	107	NHDZZZZZ	Distribution		NC	24.0	56.0	8.0	32.0	24.0	16.0	32.0	40.0	24.0	16.0	48.0	48.0	368.0
HDW	D_WAREH	150	H0000014	Attend Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	38.0
HDW	D_WAREH	150	H0000015	Attend Safety Training	PAYNE, J.	NC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
HDW	D_WAREH	150	NHDZZZZZ	Distribution		NC	187.7	139.7	209.7	163.7	198.8	195.7	168.7	182.8	179.7	195.7	165.8	154.7	2142.0
HDW	D_WAREH	150	NHDZZZZZ	Distribution		NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HDW	D_WAREH	150	NHDZZZZZ	Distribution		NS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
	D_WAREH Total						42.7	42.7	39.7	42.7	45.8	42.7	39.7	45.8	42.7	42.7	45.8	42.7	518.0
HEA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HEA	E	107	NHEZZZZZ	Default HEO Project #		ND	18.0	18.0	10.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	34.0	26.0	232.0
HEA	E	150	H0000941	Customer Info System Repl	SATAKE, S.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEA	E	150	NHEZZZZZ	Default HEO Project #		NE	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	120.0
HEA	E	150	NHEZZZZZ	Default HEO Project #		NS	168.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	2146.0
	E Total						40.0	46.0	14.0	48.0	22.0	30.0	38.0	22.0	38.0	30.0	48.0	46.0	418.0
HEB	I	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HEB	I	107	NHEZZZZZ	Default HEO Project #		ND	34.0	34.0	18.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	58.0	42.0	424.0
HEB	I	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEB	I	150	NHEZZZZZ	Default HEO Project #		NE	318.0	288.0	350.0	286.0	334.0	318.0	302.0	334.0	302.0	318.0	294.0	294.0	3736.0
	I Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEB	TC	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HEB	TC	107	NHEZZZZZ	Default HEO Project #		ND	36.0	36.0	20.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	68.0	52.0	464.0
HEB	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEB	TC	150	NHEZZZZZ	Default HEO Project #		NE	344.0	314.0	384.0	314.0	349.0	334.0	324.0	344.0	324.0	334.0	314.0	314.0	3973.0
	TC Total						28.0	30.0	16.0	30.0	17.0	18.0	24.0	12.0	24.0	18.0	30.0	30.0	277.0
HEB	TC5	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HEB	TC5	107	NHEZZZZZ	Default HEO Project #		ND	18.0	18.0	10.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	34.0	26.0	232.0
HEB	TC5	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEB	TC5	150	NHEZZZZZ	Default HEO Project #		NE	173.0	153.0	183.0	153.0	183.0	163.0	183.0	173.0	153.0	163.0	153.0	153.0	1966.0
	TC5 Total						15.0	11.0	0.0	11.0	17.0	5.0	13.0	7.0	3.0	5.0	11.0	11.0	118.0
HEE	TC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HEE	TC	107	NHEZZZZZ	Default HEO Project #		ND	18.0	18.0	10.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	34.0	34.0	240.0
HEE	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEE	TC	150	NHEZZZZZ	Default HEO Project #		NE	184.0	154.0	184.0	154.0	174.0	184.0	154.0	174.0	154.0	174.0	154.0	154.0	1958.0
	TC Total						6.0	12.0	10.0	12.0	8.0	6.0	4.0	8.0	4.0	16.0	12.0	20.0	118.0

Resource Level Report-Detail

(Hours)

BA	Ldr Class	FE Y	Project	Project	Mnt Emp/Reas D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HES	TC	*Supply	*Supply			*Supply	-704.0	-640.0	-736.0	-640.0	-736.0	-704.0	-672.0	-736.0	-672.0	-704.0	-704.0	-672.0	-8320.0
HES	TC	107	NHEZZZZZ	Default HEO Project #		RD	80.0	80.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	144.0	112.0	1088.0
HES	TC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HES	TC	150	NHEZZZZZ	Default HEO Project #		NE	670.0	610.0	735.0	610.0	710.0	680.0	640.0	705.0	640.0	670.0	620.0	620.0	7910.0
	TC Total						46.0	50.0	55.0	58.0	62.0	64.0	56.0	57.0	56.0	54.0	60.0	60.0	678.0
HES	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HES	TCS	107	NHEZZZZZ	Default HEO Project #		RD	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	24.0	16.0	112.0
HES	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HES	TCS	150	NHEZZZZZ	Default HEO Project #		NE	156.3	138.3	168.3	138.3	156.3	156.3	148.3	156.3	148.3	158.3	138.3	138.3	1809.0
	TCS Total						-9.7	-13.7	-15.7	-13.7	-17.7	-9.7	-11.7	-17.7	-11.7	-9.7	-13.7	-13.7	-159.0
HWA	BUOC	*Supply	*Supply			*Supply	-1408.0	-1280.0	-1472.0	-1280.0	-1472.0	-1408.0	-1344.0	-1472.0	-1344.0	-1408.0	-1408.0	-1344.0	-16640.0
HWA	BUOC	107	NHWZZZZZ	Engineering		NC	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.7	1856.0
HWA	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	BUOC	150	NHWZZZZZ	Engineering		NC	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	1240.3	14884.0
HWA	BUOC	150	NHWZZZZZ	Engineering		NE	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	300.0
	BUOC Total						12.0	140.0	-52.0	140.0	-52.0	12.0	76.0	-52.0	76.0	12.0	12.0	76.0	400.0
HWA	E	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWA	E	107	NHWZZZZZ	Engineering		NC	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	272.0
HWA	E	150	H0000332	2001 Test Year Rate Case	ADM	NE	16.0	16.0	16.0	16.0	16.0	16.0	16.0	40.0	40.0	40.0	40.0	20.0	292.0
HWA	E	150	H0000350	Hokukano Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	E	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	E	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
HWA	E	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	4.0
HWA	E	150	H0000445	Poopoomino #2 Tsf	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	E	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
HWA	E	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
HWA	E	150	H0001197	Keahuolu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	E	150	H9184000	PRELIMINARY ENG CHGS &	KAMIGAKI, H.	NP	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	192.0
HWA	E	150	HKamig06	Temp Proj HKamig06	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	E	150	NHWZZZZZ	Engineering		NC	124.3	124.3	124.3	124.3	124.3	124.3	111.0	111.0	111.0	124.3	124.3	124.3	1452.0
	E Total						5.0	21.0	-3.0	21.0	-3.0	3.0	3.7	7.7	21.7	27.0	27.0	15.0	146.0
HWA	TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
	TC Total						8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HWA	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWA	TCS	107	NHWZZZZZ	Engineering		NC	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	232.0
HWA	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWA	TCS	150	NHWZZZZZ	Engineering		NC	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	1896.1
	TCS Total						1.3	17.3	-6.7	17.3	-6.7	1.3	9.3	-6.7	9.3	1.3	1.3	9.3	48.1
HWC	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWC	TCS	107	NHWZZZZZ	Engineering		NC	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	220.0
HWC	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.0
HWC	TCS	150	NHWZZZZZ	Engineering		NC	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	1190.0
HWC	TCS	150	NHWZZZZZ	Engineering		NE	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	1500.0
	TCS Total						66.7	82.7	58.7	82.7	58.7	66.7	74.7	58.7	74.7	66.7	66.7	74.7	832.0
HWC	W_CD	*Supply	NHWZZZZZ	Engineering		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWC	W_CD	107	NHWZZZZZ	Engineering		NC	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	296.0
HWC	W_CD	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CD	150	H0000839	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	16.0	0.0	0.0	96.0
HWC	W_CD	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CD	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	85.8	85.8	85.8	85.8	85.8	85.8	0.0	0.0	0.0	0.0	0.0	0.0	514.8
HWC	W_CD	150	H0001047	Waimea-Oull Recon. 7300 Unit	RATIFIC, R.	NI	0.0	0.0	571.4	571.4	571.4	571.4	0.0	0.0	0.0	0.0	0.0	0.0	2285.6
HWC	W_CD	150	H0001269	Estates at Mauna Kea Phi2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CD	150	H0001270	ManinFowall Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CD	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.6	10.0	5.6	3.3	111.0
HWC	W_CD	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	649.1
HWC	W_CD	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	16.1	16.1	16.1	14.1	14.1	16.1	24.4	16.1	16.1	16.1	16.1	16.1	201.8
HWC	W_CD	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	146.9
HWC	W_CD	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	71.9
HWC	W_CD	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3

HAWAII ELECTRIC LIGHT CO., INC.
Resource Lev Report-Detail
(Hours)

RA	Ltr Class	EF	Project	Project	Mgr/Emp/Vendor	D/F	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWC	W_CD	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	13.6	16.6	16.6	22.0	16.6	16.5	13.5	13.5	6.4	15.1	6.4	6.0	168.3
HWC	W_CD	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	137.3
HWC	W_CD	150	H3521000	SSPP Requests	IMOTO, A.	NI	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	31.8
HWC	W_CD	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWC	W_CD	150	NHWZZZZZ	Engineering		NC	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	550.0
HWC	W_CD	150	RRatt06	Temp Proj RRatt06	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_CD Total						110.5	130.0	677.4	707.9	675.4	690.2	39.0	54.7	62.3	41.4	14.3	16.6	3220.0
HWC	W_CP	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HWC	W_CP	107	NHWZZZZZ	Engineering		NC	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	770.0
HWC	W_CP	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CP	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_CP	150	H0007000	Unforeseable OH Cust Req	IMOTO, A.	NI	17.8	22.2	22.2	26.6	22.2	24.4	17.8	17.8	11.1	19.9	11.1	6.6	221.8
HWC	W_CP	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	492.0
HWC	W_CP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	26.4	23.5	23.5	20.5	20.5	26.4	35.5	23.5	23.5	23.5	23.5	23.5	293.9
HWC	W_CP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	587.8
HWC	W_CP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	1080.7
HWC	W_CP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	18.7
HWC	W_CP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	35.0	43.7	43.7	57.2	43.7	48.1	35.0	35.0	21.9	39.4	21.9	13.1	437.5
HWC	W_CP	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWC	W_CP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	565.9
HWC	W_CP	150	H3521000	SSPP Requests	IMOTO, A.	NI	33.8	42.2	42.2	55.1	42.2	46.3	33.8	33.8	21.1	38.0	21.1	12.7	422.0
HWC	W_CP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWC	W_CP	150	NHWZZZZZ	Engineering		NC	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	2104.0
	W_CP Total						58.6	123.2	51.2	153.2	48.2	68.8	89.7	29.7	45.2	64.4	21.2	23.5	792.2
HWC	W_DP	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWC	W_DP	107	NHWZZZZZ	Engineering		NC	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	216.0
HWC	W_DP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_DP	150	NHWZZZZZ	Engineering		NC	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4	1877.0
	W_DP Total						-1.6	14.4	-9.6	14.4	-9.6	-1.6	6.4	-9.6	6.4	-1.6	-1.6	6.4	13.0
HWC	W_JCP	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HWC	W_JCP	107	NHWZZZZZ	Engineering		NC	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	600.0
HWC	W_JCP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_JCP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	73.9	65.7	65.7	57.4	57.4	73.9	99.3	65.7	65.7	65.7	65.7	65.7	822.0
HWC	W_JCP	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	220.0
HWC	W_JCP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	587.8
HWC	W_JCP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	54.7
HWC	W_JCP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	18.6
HWC	W_JCP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	36.0	45.0	45.0	58.9	45.0	49.4	36.0	36.0	22.5	40.5	22.5	13.5	450.2
HWC	W_JCP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	291.5
HWC	W_JCP	150	H3521000	SSPP Requests	IMOTO, A.	NI	2.6	3.2	3.2	4.2	3.2	3.4	2.6	2.6	1.6	2.9	1.6	1.0	31.8
HWC	W_JCP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWC	W_JCP	150	NHWZZZZZ	Engineering		NC	305.7	305.7	305.7	305.7	305.7	305.7	305.7	305.7	305.7	305.7	305.7	305.7	3668.0
	W_JCP Total						40.5	89.9	17.9	96.5	9.6	54.7	89.9	9.3	41.6	37.1	17.6	32.2	634.6
HWC	W_MAP	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	0.0	32.0	0.0	0.0	112.0
	W_MAP Total						0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	0.0	32.0	0.0	0.0	-112.0
HWC	W_PA	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HWC	W_PA	107	NHWZZZZZ	Engineering		NC	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	600.0
HWC	W_PA	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.1	58.1
HWC	W_PA	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9
HWC	W_PA	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0000990	KMC Upgrade Army RFP	MATSUBARA, B.	NI	0.0	0.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
HWC	W_PA	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001145	Airaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001270	Manini'owali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_PA	150	H0001286	Kilokani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0							

HAWAII ELECTRIC LIGHT CO., INC.
Resource Loading Report-Detail
(hours)

RA	Lbr Class	Lbr FE	Project	Project Title	Mgr/Emp/Reqs	Kind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWC	W_PA	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	15.8	19.7	19.7	25.6	19.7	21.7	15.8	15.8	9.9	17.7	9.9	5.9	197.2
HWC	W_PA	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	492.0
HWC	W_PA	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	16.8	15.0	15.0	13.0	13.0	16.8	22.6	15.0	15.0	15.0	15.0	15.0	186.9
HWC	W_PA	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	110.0
HWC	W_PA	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27.4
HWC	W_PA	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	18.6
HWC	W_PA	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	109.0	136.3	136.3	178.4	136.3	149.9	109.0	109.0	68.2	122.7	68.2	40.9	1364.1
HWC	W_PA	150	H1014000	MINOR TRANS LINE ADDITIO	KAMIGAKI, H.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWC	W_PA	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWC	W_PA	150	H3521000	SSPP Requests	IMOTO, A.	NI	14.7	18.2	18.2	23.9	18.2	20.1	14.7	14.7	9.1	16.5	9.1	5.6	183.1
HWC	W_PA	150	H4750000	OTHER UG ADDITIONS	NISHIOKA, E.	NI	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.8
HWC	W_PA	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWC	W_PA	150	NHWZZZZZ	Engineering		NC	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	2136.0
HWC	W_PA	150	RRa6f06	Temp Proj RRa6f06	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_PA Total						-85.5	-4.6	-66.6	75.0	-68.6	-33.3	-55.7	-111.3	-115.6	-69.9	-139.6	-92.3	-771.1
HWC	W_SCP	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HWC	W_SCP	107	NHWZZZZZ	Engineering		NC	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	1008.0
HWC	W_SCP	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	389.4	389.4
HWC	W_SCP	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	97.0	97.0	97.0	0.0	0.0	0.0	0.0	0.0	0.0	290.9
HWC	W_SCP	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	120.0	0.0	10.0	10.0	10.0	10.0	0.0	160.0
HWC	W_SCP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0000990	KMC Upgrade Army RFP	MATSUBARA, B.	NI	0.0	0.0	35.0	35.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.0
HWC	W_SCP	150	H0000992	Pahala-Kitsune 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0000994	Ainako Conversion Phase 1	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0001145	Ainako-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0001166	TRANS DN GUY REPL PH 3	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0001286	Hilotani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWC	W_SCP	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	15.8	19.7	19.7	25.6	19.7	21.7	15.8	15.8	9.9	17.7	9.9	5.9	197.2
HWC	W_SCP	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	649.0
HWC	W_SCP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	26.4	23.5	23.5	20.5	20.5	26.4	35.5	23.5	23.5	23.5	23.5	23.5	293.9
HWC	W_SCP	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	40.0
HWC	W_SCP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	220.3
HWC	W_SCP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	530.2
HWC	W_SCP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27.9
HWC	W_SCP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	95.2	119.0	119.0	155.7	119.0	130.9	95.2	95.2	59.5	107.1	59.5	35.7	1191.0
HWC	W_SCP	150	H1013000	MINOR OH LINE CONVERSIO	IMOTO, A.	NI	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	48.0
HWC	W_SCP	150	H1014000	MINOR TRANS LINE ADDITIO	KAMIGAKI, H.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	39.4
HWC	W_SCP	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	33.4
HWC	W_SCP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	291.5
HWC	W_SCP	150	H3521000	SSPP Requests	IMOTO, A.	NI	35.0	43.7	43.7	57.2	43.7	48.2	35.0	35.0	21.9	39.4	21.9	13.2	437.9
HWC	W_SCP	150	H4750000	OTHER UG ADDITIONS	NISHIOKA, E.	NI	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	7.4
HWC	W_SCP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWC	W_SCP	150	NHWZZZZZ	Engineering		NC	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	680.0
HWC	W_SCP	150	NHWZZZZZ	Engineering		NE	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	500.0
	W_SCP Total						-13.4	68.1	31.1	253.2	125.1	258.4	19.7	-30.3	-37.0	11.9	-61.0	305.9	930.4
HWD	W_CP	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	35.0
	W_CP Total						2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	35.0
HWD	W_DP	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	150.0
	W_DP Total						12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	150.0
HWI	I	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWI	I	107	NHWZZZZZ	Engineering		NC	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	184.0
HWI	I	150	NHWZZZZZ	Engineering		NE	167.7	167.7	167.7	167.7	167.7	167.7	167.7	167.7	167.7	167.7	167.7	167.7	2011.9
	I Total						7.0	23.0	-1.0	23.0	-1.0	7.0	15.0	-1.0	15.0	7.0	7.0	15.0	115.9
HWI	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWI	TCS	107	NHWZZZZZ	Engineering		NC	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	264.0
HWI	TCS	150	NHWZZZZZ	Engineering		NE	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	1833.9
	TCS Total						-1.2	14.8	-9.2	14.8	-9.2	-1.2	6.8	-9.2	6.8	-1.2	-1.2	6.8	17.8
HWI	W_COMP	*Supply	*Supply			*Supply	-1056.0	-960.0	-1104.0	-960.0	-1104.0	-1056.0	-1008.0	-1104.0	-1008.0	-1056.0	-1056.0	-1008.0	-12480.0
HWI	W_COMP	107	NHWZZZZZ	Engineering		NC	105.3	105.3	105.3	105.3	105.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HAWAII ELECTRIC LIGHT CO., INC.
Resource Ler Report-Detail
(hours)

RA	Ur Class	FE	Project	Project	Mgr	Emp/Vend	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	YTD
HWI	W_COMP	150	H0000335	Cust Svcs PC Purchase	SATAKE, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0
HWI	W_COMP	150	H5129000	CUST SVC PC PURCHASE	SATAKE, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0
HWI	W_COMP	150	NHWZZZZZ	Engineering		NC	448.5	448.5	448.5	448.5	448.5	448.5	448.5	448.5	448.5	448.5	448.5	448.5	5382.0
HWI	W_COMP	150	NHWZZZZZ	Engineering		NE	475.2	475.2	475.2	475.2	475.2	475.2	475.2	475.2	475.2	475.2	475.2	475.2	5702.0
	W_COMP Total						-27.0	69.0	-75.0	69.0	-75.0	-27.0	21.0	-75.0	21.0	-27.0	-23.0	21.0	-127.9
HWI	W_MAP	*Supply	*Supply			*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HWI	W_MAP	107	NHWZZZZZ	Engineering		NC	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	552.0
HWI	W_MAP	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWI	W_MAP	150	NHWZZZZZ	Engineering		NC	474.3	474.3	474.3	474.3	474.3	474.3	474.3	474.3	474.3	474.3	474.3	474.3	5691.0
	W_MAP Total						-7.7	40.3	-31.7	40.3	-31.7	32.3	16.3	-31.7	16.3	-7.7	-7.7	16.3	43.0
HWK	BUOC	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	BUOC	107	NHWZZZZZ	Engineering		NC	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	568.0
HWK	BUOC	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	BUOC	150	NHWZZZZZ	Engineering		NC	337.0	337.0	337.0	337.0	337.0	337.0	337.0	337.0	337.0	337.0	337.0	337.0	4044.0
	BUOC Total						32.3	64.3	16.3	64.3	16.3	32.3	48.3	16.3	48.3	32.3	32.3	48.3	452.0
HWK	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWK	TCS	107	NHWZZZZZ	Engineering		NC	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	344.0
HWK	TCS	150	H0000351	Holokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H0000352	Holokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	60.0	0.0	0.0	0.0	120.0
HWK	TCS	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	20.4	0.0	0.0	0.0	40.8
HWK	TCS	150	H0000452	Waikoloa Well 86 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	10.8
HWK	TCS	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H0001202	Keahuolu 69kV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	TCS	150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0
HWK	TCS	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0	0.0	0.0	0.0	60.0
HWK	TCS	150	NHWZZZZZ	Engineering		NC	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	2104.1
	TCS Total						28.1	44.1	20.1	44.1	20.1	28.1	56.1	131.1	136.5	28.1	28.1	36.1	600.8
HWK	W_CD	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	W_CD	107	NHWZZZZZ	Engineering		NC	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	608.0
HWK	W_CD	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	0.0	859.4
HWK	W_CD	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CD	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CD	150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	348.0	348.0	0.0	0.0	0.0	0.0	0.0	696.0
HWK	W_CD	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CD	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CD	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CD	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.6	10.0	5.6	3.3	111.0
HWK	W_CD	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	1317.8
HWK	W_CD	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	12.0	10.7	10.7	9.3	9.3	12.0	16.2	10.7	10.7	10.7	10.7	10.7	133.4
HWK	W_CD	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	146.9
HWK	W_CD	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	109.4
HWK	W_CD	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWK	W_CD	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	0.8	1.0	1.0	1.2	1.0	1.0	0.8	0.8	0.5	0.9	0.5	0.3	9.5
HWK	W_CD	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	291.5
HWK	W_CD	150	H9185000	SPECIAL TEMPORARY FACIL	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWK	W_CD	150	NHWZZZZZ	Engineering		NC	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	1224.0
HWK	W_CD	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.0	0.0	0.0	0.0	169.0
	W_CD Total						59.2	92.3	44.3	94.4	42.9	410.7	427.4	41.0	239.3	59.1	54.3	-10.3	1555.2
HWK	W_CP	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	W_CP	107	NHWZZZZZ	Engineering		NC	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	488.0
HWK	W_CP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_CP	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	10.9	13.8	13.6	17.8	13.6	14.9	10.0	10.0	6.8	12.2	6.8	4.1	135.7
HWK	W_CP	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	983.4
HWK	W_CP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	16.0	14.3	14.3	12.4	12.4	16.0	21.5	14.3	14.3	14.3	14.3	14.3	178.3
HWK	W_CP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	1248.7
HWK	W_CP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	54.7
HWK	W_CP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HWK	W_CP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	48.9	58.8	58.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HAWAII ELECTRIC LIGHT CO., INC.
Resource Le , Report-Detail
(hours)

BA	Ltr Class	EE	Project	Project	Work Engineer	Budget	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWK	W_CP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	1149.1
HWK	W_CP	150	H3521000	SSPP Requests	IMOTO, A.	NI	16.0	19.9	19.9	25.9	19.9	21.9	16.0	16.0	10.0	17.9	10.0	8.0	199.1
HWK	W_CP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWK	W_CP	150	NHWZZZZZ	Engineering		NC	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	1032.0
	W_CP Total						154.3	202.9	154.9	229.1	153.0	161.8	175.8	136.6	141.0	161.7	125.0	122.5	1935.1
HWK	W_DP	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWK	W_DP	107	NHWZZZZZ	Engineering		NC	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	224.0
HWK	W_DP	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0
HWK	W_DP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_DP	150	H0001148	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_DP	150	H0001202	Keahuolu 69KV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_DP	150	H0001283	RPL Various Poles Lakeland	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_DP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	931.1
HWK	W_DP	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWK	W_DP	150	NHWZZZZZ	Engineering		NC	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	960.0
HWK	W_DP	150	NHWZZZZZ	Engineering		NE	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	200.0
	W_DP Total						17.7	33.7	9.7	33.7	9.7	17.7	25.7	9.7	35.7	17.7	17.7	25.7	253.0
HWK	W_ENG	150	H0000497	Kona Baseyard-Eng Bldg	WIGTEKER, K.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_ENG Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_JCP	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	W_JCP	107	NHWZZZZZ	Engineering		NC	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	250.0
HWK	W_JCP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_JCP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	47.8	42.4	42.4	37.1	37.1	47.8	64.1	42.4	42.4	42.4	42.4	42.4	531.0
HWK	W_JCP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	1248.7
HWK	W_JCP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	54.7
HWK	W_JCP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWK	W_JCP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	32.9	41.0	41.0	53.7	41.0	45.1	32.8	32.8	20.5	36.9	20.5	12.3	410.5
HWK	W_JCP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	565.9
HWK	W_JCP	150	H3521000	SSPP Requests	IMOTO, A.	NI	2.6	3.2	3.2	4.2	3.2	3.4	2.6	2.6	1.6	2.0	1.6	1.0	31.8
HWK	W_JCP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWK	W_JCP	150	NHWZZZZZ	Engineering		NC	264.0	264.0	264.0	264.0	264.0	264.0	264.0	264.0	264.0	264.0	264.0	264.0	3168.0
	W_JCP Total						175.2	210.6	182.6	219.0	157.3	188.3	207.5	153.6	172.5	174.2	156.5	163.7	2139.9
HWK	W_MAP	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_MAP	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	36.0
HWK	W_MAP	150	H0001202	Keahuolu 69KV Drop	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_MAP Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	36.0
HWK	W_PA	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	W_PA	107	NHWZZZZZ	Engineering		NC	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	530.0
HWK	W_PA	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0
HWK	W_PA	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000441	Hokukano 12KV UG Offsite	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	60.0	8.0	0.0	0.0	128.0
HWK	W_PA	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	14.8
HWK	W_PA	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	18.2
HWK	W_PA	150	H0000704	Kuakini 69/12KV Relocation	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	103.9	0.0	0.0	0.0	0.0	0.0	0.0	103.9
HWK	W_PA	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0001148	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0001283	RPL Various Poles Lakeland	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_PA	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.6	10.0	5.6	3.3	110.8
HWK	W_PA	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	983.4
HWK	W_PA	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	8.1	8.1	8.1	7.0	7.0	8.1	12.2	8.1	8.1	8.1	8.1	8.1	101.3
HWK	W_PA	150	H1002000	PURCH TSF AND RELATED	EPAYNE, J.	NI	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.0
HWK	W_PA	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	76.1
HWK	W_PA	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	[illegible]	[illegible]	[illegible]	[illegible]
HWK	W_PA	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	63.5	79.3	79.3	103.8	79.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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HAWAII ELECTRIC LIGHT CO., INC.
Resource Leve eport-Detail
(Hours)

RA	Ly Class	EE	Project	Project	Mgr/Eng/Rep	Dir/Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWK	W_PA	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWK	W_PA	150	H3521000	SSPP Requests	IMOTO, A.	NI	3.8	4.8	4.9	6.2	4.8	5.3	3.8	3.8	2.4	4.3	2.4	1.4	47.8
HWK	W_PA	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWK	W_PA	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0
HWK	W_PA	150	NHWZZZZZ	Engineering		NC	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	424.1
HWK	W_PA	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	32.0
	W_PA Total						-63.0	-43.0	-61.0	-14.9	-62.1	39.4	-63.9	-35.2	-12.5	-76.5	-122.5	-127.4	-724.2
HWK	W_SCD	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCD	150	H0001197	Keahuolu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_SCD Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	*Supply	*Supply			*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HWK	W_SCP	107	NHWZZZZZ	Engineering		NC	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	608.0
HWK	W_SCP	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0000441	Hokukano 12KV UG Offsite	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	60.0	8.0	0.0	0.0	128.0
HWK	W_SCP	150	H0000446	Poopoomino #2 UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.0	0.0	0.0	0.0	0.0	137.0
HWK	W_SCP	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0001197	Keahuolu 12kV UG	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWK	W_SCP	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	8.9	11.1	11.1	14.4	11.1	12.2	8.9	8.9	5.6	10.0	5.6	3.3	110.0
HWK	W_SCP	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	1317.7
HWK	W_SCP	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	18.0	14.2	14.2	12.4	12.4	16.0	21.5	14.2	14.2	14.2	14.2	14.2	177.8
HWK	W_SCP	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	220.3
HWK	W_SCP	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	267.6
HWK	W_SCP	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWK	W_SCP	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	48.9	58.6	58.8	78.7	58.6	64.5	48.9	48.9	29.4	52.8	29.4	17.6	586.8
HWK	W_SCP	150	H1015000	MINOR CABLE REPLACEMEN	NISHIOKA, E.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWK	W_SCP	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	565.9
HWK	W_SCP	150	H3521000	SSPP Requests	IMOTO, A.	NI	4.4	5.5	5.5	7.3	5.5	6.2	4.4	4.4	2.8	5.0	2.8	1.7	55.7
HWK	W_SCP	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWK	W_SCP	150	HKamig02	Temp Proj HKamig02	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	0.0	30.0
HWK	W_SCP	150	NHWZZZZZ	Engineering		NC	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	846.0
	W_SCP Total						47.1	92.3	44.3	113.7	42.5	69.8	68.6	236.3	108.9	70.9	22.9	23.7	938.7
HWS	I	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWS	I	107	NHWZZZZZ	Engineering		NC	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	200.0
HWS	I	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
HWS	I	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	6.9	8.8	8.8	11.2	8.8	9.5	6.9	6.9	4.4	7.8	4.4	2.8	86.3
HWS	I	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	59.0
HWS	I	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	136.8
HWS	I	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWS	I	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	6.3	7.8	7.8	10.3	7.8	8.6	6.3	6.3	4.0	7.1	4.0	2.3	78.6
HWS	I	150	H1013000	MINOR OH LINE CONVERSIO	IMOTO, A.	NI	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	16.0
HWS	I	150	H3521000	SSPP Requests	IMOTO, A.	NI	3.3	4.0	4.0	5.2	4.0	4.4	3.3	3.3	2.0	3.5	2.0	1.1	39.8
HWS	I	150	NHWZZZZZ	Engineering		NC	153.3	153.3	153.3	153.3	153.3	153.3	153.3	153.3	153.3	153.3	153.3	153.3	1840.1
	I Total						28.9	49.8	24.8	55.1	44.8	34.9	36.9	20.9	30.8	30.8	22.6	26.4	405.9
HWS	TCS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWS	TCS	107	NHWZZZZZ	Engineering		NC	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	240.0
HWS	TCS	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1
HWS	TCS	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	TCS	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	6.9	7.4	7.4	9.6	7.4	8.1	5.9	5.9	3.7	6.7	3.7	2.3	74.0
HWS	TCS	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	59.0
HWS	TCS	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27.8
HWS	TCS	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	8.4	10.5	10.5	13.8	10.5	11.5	8.4	8.4	5.3	9.5	5.3	3.2	105.6
HWS	TCS	150	NHWZZZZZ	Engineering		NC	181.5	209.5	181.5	181.5	185.5	189.5	185.5	185.5	185.5	185.5	185.5	185.5	2242.0
HWS	TCS	150	NHWZZZZZ	Engineering		NE	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	400.0
	TCS Total						80.3	127.9	75.9	105.4	70.9	93.7	92.5	78.4	67.0	96.2	79.0	83.5	1070.5
HWS	W_ENG	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_ENG	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWS	W_ENG	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HWS	W_ENG	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	40.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HAWAII ELECTRIC LIGHT CO., INC.
Resource Le Report-Detail

RA	Cl	Dy Class	EF	Project	Project Name	Mon/Emp	Rem D	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	EYO08
HWS	W_ENG		150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	4.0
HWS	W_ENG		150	H3521000	SSPP Requests	MOTO, A.	NI	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	31.8
HWS	W_ENG		150	H4900000	MINOR GENERAL PLANT	COOPER, B.	NI	0.0	0.0	9.5	0.0	0.0	9.5	0.0	0.0	9.5	0.0	0.0	9.5	38.1
HWS	W_ENG		150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
	W_ENG Total							122.7	42.7	12.2	2.7	2.7	12.2	2.7	12.7	22.2	2.7	2.7	12.2	249.9
HWS	W_MAP		150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1
HWS	W_MAP		150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3
HWS	W_MAP		150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_MAP		150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_MAP		150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	52.1	0.0	0.0	0.0	0.0	0.0	0.0	52.1
HWS	W_MAP		150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	8.0
HWS	W_MAP		150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_MAP		150	H0000992	Pahala-Kitauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_MAP		150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	0.0	0.0	0.0	114.2	114.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.4
HWS	W_MAP		150	H0001047	Waimea-Ouli Recon. 7300 Line	RATIFIC, R.	NI	125.5	125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.0
HWS	W_MAP		150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_MAP		150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_MAP Total							125.5	125.5	0.0	130.5	114.2	52.1	0.0	0.0	0.0	8.0	0.0	29.1	584.9
HWS	W_RH		*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWS	W_RH		107	NHWZZZZZ	Engineering		NC	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	240.0
HWS	W_RH		150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1
HWS	W_RH		150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3
HWS	W_RH		150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0000442	Palani Substation	KAMIGAKI, H.	NI	48.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0
HWS	W_RH		150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0	0.0	0.0	0.0	84.0
HWS	W_RH		150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	20.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0
HWS	W_RH		150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8	0.0	0.0	0.0	28.8
HWS	W_RH		150	H0000452	Waikoloa Well #8 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	21.2
HWS	W_RH		150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0000725	Queen K-Kaiwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	52.0	52.0	0.0	0.0	0.0	0.0	0.0	104.0
HWS	W_RH		150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	8.0
HWS	W_RH		150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0000992	Pahala-Kitauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	0.0	0.0	0.0	114.2	114.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.4
HWS	W_RH		150	H0001047	Waimea-Ouli Recon. 7300 Line	RATIFIC, R.	NI	125.5	125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.0
HWS	W_RH		150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0001267	Hakalau Plantation VII-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0001286	Hilolani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_RH		150	H0007000	Unforseeable OH Cust Req	MOTO, A.	NI	6.9	8.6	8.6	11.2	8.6	9.5	6.9	6.9	4.3	7.7	4.3	2.6	86.3
HWS	W_RH		150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	59.0
HWS	W_RH		150	H1002000	PURCH TSF AND RELATED E	PAYNE, J.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	40.0
HWS	W_RH		150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NI	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	136.8
HWS	W_RH		150	H1007000	MINOR OTHER OH ADDITION	MOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.4
HWS	W_RH		150	H1008000	MINOR OH EXTN BELOW 20	MOTO, A.	NI	6.3	7.8	7.8	10.3	7.8	8.8	6.3	6.3	4.0	7.1	4.0	2.3	78.8
HWS	W_RH		150	H1013000	MINOR OH LINE CONVERSIO	MOTO, A.	NI	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.0
HWS	W_RH		150	H1014000	MINOR TRANS LINE ADDITIO	KAMIGAKI, H.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.9
HWS	W_RH		150	H3521000	SSPP Requests	MOTO, A.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	39.6
HWS	W_RH		150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	48.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.0
HWS	W_RH		150	NHWZZZZZ	Engineering		NC	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	1564.1
	W_RH Total							255.1	190.3	8.8	168.4	183.0	70.5	73.6	26.8	109.3	23.2	6.7	42.4	1140.5
HWS	W_TT		*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWS	W_TT		107	NHWZZZZZ	Engineering		NC	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	280.0
HWS	W_TT		150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1
HWS	W_TT		150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT		150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3
HWS	W_TT		150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	[illegible]
HWS	W_TT		150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HWS	W_TT		150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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HAWAII ELECTRIC LIGHT CO., INC.
Resource Law Import-Detail

BA	Ltr Class	Work EE	Project	Project Description	Mgr/Eng/Resp O	Fund Alt	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWS	W_TT	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
HWS	W_TT	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	8.2
HWS	W_TT	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	10.8
HWS	W_TT	150	H0000595	Discov Harbor 12KV Recond	YOSHIDA, E.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0000725	Queen K-Kalei-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	26.0	26.0	0.0	0.0	0.0	0.0	0.0	52.0
HWS	W_TT	150	H0000784	Saddle Road Realign 69KV	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	8.0
HWS	W_TT	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0001004	RPR Reconductor 7200	RATIFIC, R.	NI	0.0	0.0	0.0	114.2	114.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.4
HWS	W_TT	150	H0001047	Waimea-Oull Recon. 7300 Line	RATIFIC, R.	NI	125.5	125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.0
HWS	W_TT	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0001267	Hakalau Plantation Vill.OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0001288	Hilokani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWS	W_TT	150	H0007000	Unforseeable OH Cust Req	MOTO, A.	NI	8.9	9.8	8.6	11.2	8.8	9.5	6.9	6.9	4.3	7.7	4.3	2.6	88.3
HWS	W_TT	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	59.0
HWS	W_TT	150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NI	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	136.8
HWS	W_TT	150	H1007000	MINOR OTHER OH ADDITION	MOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWS	W_TT	150	H1008000	MINOR OH EXTN BELOW 20	MOTO, A.	NI	9.7	12.2	12.2	15.8	12.2	13.4	9.7	9.7	6.0	10.9	6.0	3.7	121.5
HWS	W_TT	150	H1013000	MINOR OH LINE CONVERSIO	MOTO, A.	NI	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.0
HWS	W_TT	150	H1014000	MINOR TRANS LINE ADDITIO	KAMIGAKI, H.	NI	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.0
HWS	W_TT	150	H3521000	SSPP Requests	MOTO, A.	NI	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	215.0
HWS	W_TT	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
HWS	W_TT	150	NHWZZZZZ	Engineering		NC	139.7	139.7	139.7	139.7	139.7	139.7	139.7	139.7	139.7	139.7	139.7	139.7	1676.0
HWS	W_TT	150	NHWZZZZZ	Engineering		NE	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	600.0
	W_TT Total						226.1	236.3	86.8	247.5	241.0	122.9	124.6	93.2	132.5	100.6	84.3	117.4	1813.5
HWW	W_CP	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWW	W_CP	107	NHWZZZZZ	Engineering		NC	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	175.0
HWW	W_CP	150	NHWZZZZZ	Engineering		NC	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	1587.0
	W_CP Total						-29.1	-13.1	-37.1	-13.1	-37.1	-29.1	-21.1	-37.1	-21.1	-29.1	-29.1	-21.1	-318.0
HWW	W_JCP	*Supply	NHWZZZZZ	Engineering		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWW	W_JCP	107	NHWZZZZZ	Engineering		NC	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	175.0
HWW	W_JCP	150	NHWZZZZZ	Engineering		NC	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	1587.0
	W_JCP Total						-29.1	-13.1	-37.1	-13.1	-37.1	-29.1	-21.1	-37.1	-21.1	-29.1	-29.1	-21.1	-318.0
HWX	FS	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HWX	FS	107	NHWZZZZZ	Engineering		NC	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	26.3	25.3	304.1
HWX	FS	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	25.0
HWX	FS	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
HWX	FS	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	8.0
HWX	FS	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0000350	Holokuano Sub	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	48.0	60.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.0
HWX	FS	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	0.0	0.0	0.0	12.0
HWX	FS	150	H0000445	Pooponmino #2 Tsf	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	16.0	16.0	8.0	60.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	116.0
HWX	FS	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1
HWX	FS	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0000496	Palani Supy	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	2.0
HWX	FS	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0000941	Customer Info System Repl	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	H0001188	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0
HWX	FS	150	H9184000	PRELIMINARY ENG CHGS &	KAMIGAKI, H.	NP	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	192.0
HWX	FS	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	48.0	60.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.0
HWX	FS	150	NHWZZZZZ	Engineering		NC	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	2144.0
HWX	FS	150	SHatak41	Temp Proj SHatak41	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	FS	150	SHatak43	Temp Proj SHatak43	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FS Total						156.0	212.0	76.0	120.0	44.0	56.0	65.0	[illegible]	[illegible]				
HWX	TC	150	H0000990	KMC Upgrade Army RFP	MATSUBARA, B.	NI	0.0	10.0	10.0	[illegible]	[illegible]								

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HAWAII ELECTRIC LIGHT CO., INC.
Resource L… …port-Detail
(H…)

RA	Lbr Class	EE	Project	Project Description	Project Leader	Wor/Eng/Wage	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
	_TC Total						0.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
HWX	_TCS	150	H0000456	HRD Supy	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	_TCS	150	H0000730	Hawaiian Paradise Park Supy	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
	_TCS Total						0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
HWX	D_TECHCREW	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	20.0	5.0	40.0
HWX	D_TECHCREW	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0
HWX	D_TECHCREW	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	80.0	0.0	0.0	230.0
HWX	D_TECHCREW	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	D_TECHCREW	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	D_TECHCREW	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	D_TECHCREW	150	H0001186	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	60.0	0.0	0.0	0.0	210.0
HWX	D_TECHCREW	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	40.0
	D_TECHCREW Total						0.0	0.0	0.0	0.0	0.0	0.0	40.0	150.0	215.0	90.0	20.0	35.0	550.0
HWX	W_DP	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	20.0	20.0	5.0	60.0
HWX	W_DP	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	25.0	50.0
HWX	W_DP	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	16.0	35.0	0.0	0.0	0.0	0.0	51.0
HWX	W_DP	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_DP	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_DP	150	H0001186	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	16.0	40.0	0.0	0.0	0.0	0.0	0.0	56.0
	W_DP Total						0.0	0.0	0.0	0.0	0.0	16.0	56.0	35.0	15.0	20.0	45.0	30.0	217.0
HWX	W_ENG	*Supply	*Supply			*Supply	-880.0	-800.0	-920.0	-800.0	-920.0	-880.0	-840.0	-920.0	-840.0	-880.0	-880.0	-840.0	-10400.0
HWX	W_ENG	107	NHWZZZZZ	Engineering		NC	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	1216.0
HWX	W_ENG	150	ARusse01	Temp Proj ARusse01	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	100.0	20.0	20.0	170.0
HWX	W_ENG	150	ARusse02	Temp Proj ARusse02	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	80.0	160.0
HWX	W_ENG	150	ARusse03	Temp Proj ARusse03	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	60.0	30.0	12.0	8.0	0.0	0.0	110.0
HWX	W_ENG	150	ARusse14	Temp Proj ARusse14	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	ARusse16	Temp Proj ARusse16	RUSSELL, A.	NI	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_ENG	150	ARusse21	Temp Proj ARusse21	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	ARusse24	Temp Proj ARusse24	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	80.0	40.0	20.0	0.0	0.0	0.0	0.0	0.0	140.0
HWX	W_ENG	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	17.4
HWX	W_ENG	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
HWX	W_ENG	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
HWX	W_ENG	150	H0000351	Hokukano 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000352	Hokukano 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	156.0	156.0	184.0	0.0	0.0	0.0	0.0	0.0	0.0	496.0
HWX	W_ENG	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	36.0
HWX	W_ENG	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	16.0	0.0	0.0	0.0	48.0
HWX	W_ENG	150	H0000445	Poopoomino #2 Tsf	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	140.0	140.0	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	440.0
HWX	W_ENG	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	12.2
HWX	W_ENG	150	H0000452	Waikoloa Well #8 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2
HWX	W_ENG	150	H0000453	HRD 34 kV Line & Drop	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000455	HRD Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000456	HRD Supy	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000498	Palani Supy	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	24.0	0.0	104.0
HWX	W_ENG	150	H0000646	Hawi Basestation	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	48.6
HWX	W_ENG	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000725	Queen K-Kalwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	30.0
HWX	W_ENG	150	H0000726	Waiau Plant Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	40.0	16.0	0.0	0.0	136.0
HWX	W_ENG	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0000919	Puna Sw Sta - Cir Switcher	HATAKENAKA, S.	NI	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_ENG	150	H0000933	Kukuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	40.0	0.0	0.0	120.0
HWX	W_ENG	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001033	COH MW Upgrade-Hilo Base	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HWX	W_ENG	150	H0001037	COH MW Upgrade-Ohia Mil	HATAKENAKA, S.	NI	0.0	0.0	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HAWAII ELECTRIC LIGHT CO., INC.
Resource Le Report-Detail

RA	Lbr Class	EE	Project	Project	Mon(Emp)	Rate	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HWX	W_ENG	150	H0001038	COH MW Upgrade-Hill Plant	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001063	Ken to Shipman Fiber	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001071	Anaehoomalu Xfmr Fan Add	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001142	Keahuolu Sub	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001186	Ainaloa Sub Xfmr Upgrade	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	70.0	35.0	16.0	8.0	0.0	0.0	0.0	129.0
HWX	W_ENG	150	H0001187	Dist Relay Uppd-Line 8806	RUSSELL, A.	NI	60.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0
HWX	W_ENG	150	H0001188	Dist Relay Uppd-Pohoiki	RUSSELL, A.	NI	48.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_ENG	150	H0001189	Dist Relay Uppd-Puna	RUSSELL, A.	NI	60.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0
HWX	W_ENG	150	H0001195	MW Radio Repl-Kaumana - Pu	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001198	Hilo to Humuula MW Upgrade	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001199	Keahole Sig 32 RTU Repl	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_ENG	150	H0001203	Apollo Kamaoa Substation	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001204	Apollo Kamaoa to S PT MW	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001205	Apollo SCADA at Kamaoa	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001207	Apollo Kilauea Relay Uppd	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001208	Apollo Keaiia Relay Uppd	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001263	RPL Various Poles Lakeland	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001267	Hakalau Plantation Vill-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001270	Manin'owai Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001271	Keamuku CB5802 Replacemen	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0001286	Hololani	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H0007000	Unforseeable OH Cust Req	IMOTO, A.	NI	2.0	2.5	2.5	3.2	2.5	2.7	2.0	2.0	1.3	2.2	1.3	0.7	24.7
HWX	W_ENG	150	H0011000	Unforseeable UG Cust Req	NISHIOKA, E.	NI	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	255.7
HWX	W_ENG	150	H1000000	MINOR OH SERVICES	IMOTO, A.	NI	4.3	3.8	3.8	3.3	3.3	4.3	5.7	3.8	3.8	3.8	3.8	3.8	47.8
HWX	W_ENG	150	H1003000	MINOR UG SERVICES	NISHIOKA, E.	NI	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	220.3
HWX	W_ENG	150	H1006000	POLE LINE REPL & RELOC	IMOTO, A.	NI	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27.4
HWX	W_ENG	150	H1007000	MINOR OTHER OH ADDITION	IMOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.4
HWX	W_ENG	150	H1008000	MINOR OH EXTN BELOW 200	IMOTO, A.	NI	12.5	15.7	15.7	20.6	15.7	17.3	12.5	12.5	7.8	14.1	7.8	4.7	156.4
HWX	W_ENG	150	H1011000	MINOR TRANS SUB ADDITIO	KAMIGAKI, H.	NI	2.3	2.3	2.3	3.5	3.5	3.5	2.3	2.3	2.3	3.5	3.5	3.5	34.8
HWX	W_ENG	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	12.3	12.3	12.3	18.5	18.5	18.5	12.3	12.3	12.3	18.5	18.5	18.5	184.8
HWX	W_ENG	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	137.3
HWX	W_ENG	150	H3521000	SSPP Requests	IMOTO, A.	NI	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	39.8
HWX	W_ENG	150	H4800000	MINOR COMMUNICATIONS F	KAMIGAKI, H.	NI	17.7	17.7	17.7	26.8	26.8	26.8	17.7	17.7	17.7	26.8	26.8	26.8	266.8
HWX	W_ENG	150	H4838000	Ainaloa Supv	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	H9184000	PRELIMINARY ENG CHGS &	KAMIGAKI, H.	NP	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	384.0
HWX	W_ENG	150	H9185000	SPECIAL TEMPORARY FACI	IMOTO, A.	ST	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWX	W_ENG	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	156.0	156.0	184.0	0.0	0.0	0.0	0.0	0.0	0.0	496.0
HWX	W_ENG	150	HKamig08	Temp Proj HKamig08	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	NHWZZZZZ	Engineering		NC	561.0	561.0	561.0	561.0	561.0	561.0	561.0	561.0	561.0	561.0	561.0	561.0	6732.0
HWX	W_ENG	150	NHWZZZZZ	Engineering		NE	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	960.0
HWX	W_ENG	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	14.0
HWX	W_ENG	150	RRatif08	Temp Proj RRatif08	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	SHatak20	Temp Proj SHatak20	HATAKENAKA, S.	NI	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_ENG	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	40.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0
HWX	W_ENG	150	SHatak37	Temp Proj SHatak37	HATAKENAKA, S.	NI	0.0	40.0	80.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0
HWX	W_ENG	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	40.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.0
HWX	W_ENG	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	SHatak40	Temp Proj SHatak40	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_ENG	150	SHatak41	Temp Proj SHatak41	HATAKENAKA, S.	NI	0.0	40.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0
HWX	W_ENG	150	SHatak42	Temp Proj SHatak42	HATAKENAKA, S.	NI	0.0	0.0	80.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
HWX	W_ENG	150	SHatak43	Temp Proj SHatak43	HATAKENAKA, S.	NI	0.0	40.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0
HWX	W_ENG	150	SHatak44	Temp Proj SHatak44	HATAKENAKA, S.	NI	40.0	40.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
HWX	W_ENG	150	SHatak45	Temp Proj SHatak45	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0								

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HAWAII ELECTRIC LIGHT CO., INC.
Resource Le Report-Detail
(hours)

RA	Ldr Class	FE	Project	Project Title	Mgr(Emp#/Reqs D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
	W_ENG Total						237.8	525.0	541.0	808.0	441.0	524.8	341.4	139.5	204.9	191.6	144.4	169.7	4269.2
HWX	W_SCD	*Supply	*Supply			*Supply	-704.0	-640.0	-736.0	-640.0	-736.0	-704.0	-672.0	-736.0	-672.0	-704.0	-704.0	-672.0	-8320.0
HWX	W_SCD	107	NHWZZZZZ	Engineering		NC	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	1282.0
HWX	W_SCD	150	ARusse16	Temp Proj ARusse16	RUSSELL, A.	NI	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	ARusse24	Temp Proj ARusse24	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	BMatsu14	Temp Proj BMatsu14	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1
HWX	W_SCD	150	DDemic07	Temp Proj DDemic07	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
HWX	W_SCD	150	DNakat09	Temp Proj DNakat09	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	EYoshi12	Temp Proj EYoshi12	YOSHIDA, E.	NI	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
HWX	W_SCD	150	H0000351	Holualoa 69kv Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000352	Holualoa 12kv UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000442	Palani Substation	KAMIGAKI, H.	NI	0.0	0.0	0.0	113.6	113.6	113.6	0.0	0.0	0.0	0.0	0.0	0.0	340.9
HWX	W_SCD	150	H0000443	Palani 69KV Drop	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	36.0
HWX	W_SCD	150	H0000444	Palani 12KV UG	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	32.0
HWX	W_SCD	150	H0000449	Waikoloa Pump Sub	KAMIGAKI, H.	NI	0.0	120.0	120.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360.0
HWX	W_SCD	150	H0000450	Waikoloa Pump 69KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	12.2
HWX	W_SCD	150	H0000452	Waikoloa Well #6 OH 12KV	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5
HWX	W_SCD	150	H0000454	HRD Switching Station	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000455	HRD Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000456	HRD Supy	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000498	Palani Supy	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	H0000646	Hawi Basestation	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000650	Kukio 69KV UG Conversion	BALTERO, R.	NI	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	7.4
HWX	W_SCD	150	H0000705	Hawi Conv Ph 5	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000725	Queen K-Kalwi-Palani 69KV	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	17.4	17.4	17.4	0.0	0.0	0.0	0.0	52.1
HWX	W_SCD	150	H0000726	Waiau Plant Comm Link	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	H0000727	Wright Rd Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000791	Hawi Conv Ph 4	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000838	Estates @ Mauna Kea	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000933	Kuhuihaele Regulators	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	16.0
HWX	W_SCD	150	H0000941	Customer Info System Rept	SATAKE, S.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0000992	Pahala-Kilauea 69KV Insul	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001001	Kanoelehua Emerg Gen	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001049	Papaaloa Recloser Addition	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001063	Kan to Shipman Fiber	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001071	Aneehoomalu Xfmr Fan Add	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001144	KMC Conversion Army RFP	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001145	Ainaloa-Kapoho 12kv Recon	MATSUBARA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001146	RPR Kona Palisades UG Ph 3	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001184	Hina Lani UG Upgrade 2	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001185	KONA HIGHLANDS	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001167	Dist Relay Upgd-Line 6600	RUSSELL, A.	NI	32.0	32.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	H0001168	Dist Relay Upgd-Pohakll	RUSSELL, A.	NI	24.0	24.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
HWX	W_SCD	150	H0001189	Dist Relay Upgd-Puna	RUSSELL, A.	NI	32.0	32.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	H0001195	MW Radio Repl-Kaumana - Pu	RUSSELL, A.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001200	Honomu Sub Safety Mod	HATAKENAKA, S.	NI	0.0	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	H0001263	RPL Various Poles Lokelani	DEMICHELIS, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001267	Hakalau Plantation VM-OH	NAKATA, D.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001269	Estates at Mauna Kea Ph2	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001270	Manini'owali Offsite	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001271	Kaumuku CB6802 Replacement	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0001286	Hilgard	MAEDA, B.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	H0007000	Unforeseable OH Cust Req	MOTO, A.	NI	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	24.7
HWX	W_SCD	150	H0011000	Unforeseable UG Cust Req	NISHIOKA, E.	NI	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	255.7
HWX	W_SCD	150	H1000000	MINOR OH SERVICES	MOTO, A.	NI	4.2	3.8	3.8	3.3	3.3	4.2	6.7	3.8	3.8	3.8	3.8	3.8	47.2
HWX	W_SCD	150	H1006000	POLE LINE REPL & RELOC	MOTO, A.	NI	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27.4
HWX	W_SCD	150	H1007000	MINOR OTHER OH ADDITION	MOTO, A.	NI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	9.3
HWX	W_SCD	150	H1008000	MINOR OH EXTN BELOW 200	MOTO, A.	NI	13.3	18.7	18.7	21.8	18.7	18.4	13.3	13.3	6.3	15.0	6.3	6.0	166.7
HWX	W_SCD	150	H1011000	MINOR TRANS SUB ADDITION	KAMIGAKI, H.	NI	1.8	1.8	1.8	2.4	2.4	2.4	1.8	1.8	1.8	2.4	2.4	2.4	23.7
HWX	W_SCD	150	H1016000	MINOR DISTR SUB ADD	KAMIGAKI, H.	NI	6.8	6.8	6.8	10.3	10.3	10.3	6.8	6.8	6.8	[illegible]	[illegible]		
HWX	W_SCD	150	H1017000	MINOR UG EXTN BELOW 200	NISHIOKA, E.	NI	11.4	11.4	11.4	[illegible]	[illegible]								

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RA	Lbr Class	EE	Project	Project	Mgr(Emp)	Reason	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	YTD
HWX	W_SCD	150	H3521000	SSPP Requests	MOTO, A.	NI	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	55.7
HWX	W_SCD	150	H4800000	MINOR COMMUNICATIONS F	KAMIGAKI, H.	NI	7.5	7.5	7.5	11.0	11.0	11.0	7.5	7.5	7.5	11.0	11.0	11.0	110.4
HWX	W_SCD	150	H9184000	PRELIMINARY ENG CHGS &	KAMIGAKI, H.	NP	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	288.0
HWX	W_SCD	150	H9185000	SPECIAL TEMPORARY FACIL	MOTO, A.	BT	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	30.0
HWX	W_SCD	150	HKamig01	Temp Proj HKamig01	KAMIGAKI, H.	NI	0.0	0.0	0.0	113.8	113.8	113.8	0.0	0.0	0.0	0.0	0.0	0.0	340.8
HWX	W_SCD	150	HKamig08	Temp Proj HKamig08	KAMIGAKI, H.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	NHWZZZZZ	Engineering		NC	458.3	458.3	458.3	458.3	458.3	458.3	458.3	458.3	458.3	458.3	458.3	458.3	5499.8
HWX	W_SCD	150	RBalte07	Temp Proj RBalte07	BALTERO, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	14.0
HWX	W_SCD	150	RRatif06	Temp Proj RRatif06	RATIFIC, R.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	SHatak20	Temp Proj SHatak20	HATAKENAKA, S.	NI	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	SHatak36	Temp Proj SHatak36	HATAKENAKA, S.	NI	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	SHatak37	Temp Proj SHatak37	HATAKENAKA, S.	NI	0.0	40.0	80.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0
HWX	W_SCD	150	SHatak38	Temp Proj SHatak38	HATAKENAKA, S.	NI	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	SHatak39	Temp Proj SHatak39	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	SHatak40	Temp Proj SHatak40	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HWX	W_SCD	150	SHatak41	Temp Proj SHatak41	HATAKENAKA, S.	NI	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	SHatak42	Temp Proj SHatak42	HATAKENAKA, S.	NI	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	SHatak43	Temp Proj SHatak43	HATAKENAKA, S.	NI	0.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
HWX	W_SCD	150	SHatak44	Temp Proj SHatak44	HATAKENAKA, S.	NI	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HWX	W_SCD	150	SHatak45	Temp Proj SHatak45	HATAKENAKA, S.	NI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W_SCD Total						52.2	399.2	375.2	858.8	249.7	261.7	135.3	-2.3	5.8	-10.7	-33.4	23.7	2112.5
HGA	BUOC	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGA	BUOC	107	NHGZZZZZ	Generation		ND	29.0	29.0	21.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	44.0	33.0	357.0
HGA	BUOC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HGA	BUOC	150	NHGZZZZZ	Generation		NS	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	144.0	181.0	1765.0
	BUOC Total						7.0	23.0	-9.0	23.0	-1.0	7.0	15.0	-1.0	14.0	6.0	20.0	48.0	150.0
HGA	BUTC	150	H0000354	Oil Spill Response Program	KLEIN, K.	NE	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	23.0	320.0
	BUTC Total						27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	23.0	320.0
HGA	E	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGA	E	107	NHGZZZZZ	Generation		ND	19.0	19.0	11.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	34.0	23.0	237.0
HGA	E	150	H0000354	Oil Spill Response Program	KLEIN, K.	NS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	20.0
HGA	E	150	NHGZZZZZ	Generation		NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
HGA	E	150	NHGZZZZZ	Generation		NS	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	138.0	138.0	138.0	145.0	1671.0
	E Total						-15.5	0.5	-31.5	0.5	-23.5	-15.5	-7.5	-23.5	-9.0	-17.0	-2.0	2.0	-142.0
HGA	F	150	H0000332	2001 Test Year Rate Case	ADM	NE	16.0	16.0	16.0	16.0	16.0	16.0	16.0	40.0	40.0	40.0	40.0	20.0	292.0
	F Total						16.0	16.0	16.0	16.0	16.0	16.0	16.0	40.0	40.0	40.0	40.0	20.0	292.0
HGA	FS	*Supply	NHGZZZZZ	Generation		*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HGA	FS	107	NHGZZZZZ	Generation		ND	41.0	41.0	25.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	70.0	50.0	514.0
HGA	FS	150	H0000332	2001 Test Year Rate Case	ADM	NE	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	0.0	176.0
HGA	FS	150	NHGZZZZZ	Generation		NS	329.0	310.0	350.0	318.0	329.0	329.0	329.0	329.0	329.0	329.0	326.0	330.0	3946.0
	FS Total						34.0	68.0	23.0	55.0	18.0	34.0	50.0	18.0	50.0	34.0	60.0	44.0	476.0
HGA	TC	*Supply	NHGZZZZZ	Generation		*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HGA	TC	107	NHGZZZZZ	Generation		ND	41.0	41.0	25.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	73.0	47.0	514.0
HGA	TC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	88.0
HGA	TC	150	NHGZZZZZ	Generation		NE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	44.0
HGA	TC	150	NHGZZZZZ	Generation		NS	326.0	326.0	326.0	326.0	326.0	326.0	326.0	326.0	326.0	325.0	325.0	318.0	3902.0
	TC Total						27.0	59.0	-5.0	59.0	11.0	27.0	43.0	11.0	43.0	26.0	58.0	29.0	388.0
HGA	TCS	*Supply	NHGZZZZZ	Generation		*Supply	-1232.0	-1120.0	-1288.0	-1120.0	-1288.0	-1232.0	-1176.0	-1288.0	-1176.0	-1232.0	-1232.0	-1176.0	-14560.0
HGA	TCS	107	NHGZZZZZ	Generation		ND	182.0	182.0	126.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	294.0	241.0	2299.0
HGA	TCS	150	H0000354	Oil Spill Response Program	KLEIN, K.	NE	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	47.7	47.7	540.0
HGA	TCS	150	NHGZZZZZ	Generation		NE	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	22.0	220.0
HGA	TCS	150	NHGZZZZZ	Generation		NS	1129.0	1129.0	1129.0	1129.0	1129.0	1129.0	1129.0	1129.0	1129.0	1129.0	1130.0	1131.0	13551.0
	TCS Total						141.5	253.5	29.5	253.5	85.5	141.5	197.5	85.5	197.5	141.5	257.7	285.7	2050.0
HGC	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-1056.0	-960.0	-1104.0	-960.0	-1104.0	-1056.0	-1008.0	-1104.0	-1008.0	-1056.0	-1056.0	-1008.0	-12480.0
HGC	BUTC	107	NHGZZZZZ	Generation		ND	146.0	146.0	98.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	242.0	188.0	1842.0
HGC	BUTC	150	NHGZZZZZ	Generation		NE	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1068.0	1070.0	13038.0
	BUTC Total						178.0	274.0	62.0	274.0	130.0	178.0	226.0	130.0	226.0	178.0	274.0	250.0	2400.0
HGC	TCS	*Supply	NHGZZZZZ	Generation		*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HGC	TCS	107	NHGZZZZZ	Generation		ND	52.0	52.0	36.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	84.0	68.0	654.0
HGC	TCS	150	NHGZZZZZ	Generation		NE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	[illegible]	[illegible]	[illegible]	[illegible]
HGC	TCS	150	NHGZZZZZ	Generation		NS	365.0	365.0	365.0	365.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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RA	Lbr Class	EE	Project				Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
	TCS Total						69.0	101.0	37.0	101.0	53.0	69.0	85.0	53.0	85.0	68.0	100.0	93.0	914.0
HGH	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-3872.0	-3520.0	-4048.0	-3520.0	-4048.0	-3872.0	-3696.0	-4048.0	-3696.0	-3872.0	-3872.0	-3696.0	-45760.0
HGH	BUTC	107	NHGZZZZZ	Generation		ND	623.0	623.0	447.0	623.0	623.0	623.0	623.0	623.0	623.0	623.0	975.0	805.0	7634.0
HGH	BUTC	108	NHGZZZZZ	Generation		ND	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	45.0	45.0	550.0
HGH	BUTC	150	H0000354	Oil Spill Response Program	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGH	BUTC	150	NHDZZZZZ	Distribution		NC	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	167.0	163.0	2000.0
HGH	BUTC	150	NHGZZZZZ	Generation		NE	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3723.0	3687.0	44640.0
	BUTC Total						687.0	1039.0	335.0	1039.0	511.0	687.0	863.0	511.0	863.0	687.0	1038.0	1004.0	9264.0
HGH	G_WASTW	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGH	G_WASTW	107	NHGZZZZZ	Generation		ND	32.0	32.0	24.0	32.0	33.0	33.0	33.0	33.0	33.0	33.0	49.0	40.0	407.0
HGH	G_WASTW	108	NHGZZZZZ	Generation		ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	25.0
HGH	G_WASTW	150	NHGZZZZZ	Generation		NE	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	168.0	168.0	168.0	164.0	2020.0
	G_WASTW Total						27.0	43.0	11.0	43.0	20.0	28.0	36.0	20.0	35.0	27.0	43.0	39.0	372.0
HGK	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HGK	BUTC	107	NHGZZZZZ	Generation		ND	104.0	104.0	80.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	152.0	128.0	1296.0
HGK	BUTC	108	NHGZZZZZ	Generation		ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	H0000039	CT4-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	H0000040	CT5-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	H0001215	CT2 Major Field Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	KKlein03	Temp Proj KKlein03	KLEIN, K.	NE	0.0	288.0	576.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	864.0
HGK	BUTC	150	KKlein06	Temp Proj KKlein06	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	KKlein07	Temp Proj KKlein07	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	KKlein10	Temp Proj KKlein10	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	BUTC	150	KKlein13	Temp Proj KKlein13	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.0	0.0	0.0	0.0	288.0
HGK	BUTC	150	KKlein16	Temp Proj KKlein16	KLEIN, K.	NE	0.0	0.0	0.0	0.0	288.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.0
HGK	BUTC	150	NHGZZZZZ	Generation		NE	436.0	192.0	238.0	339.0	213.0	467.0	436.0	421.0	213.0	383.0	383.0	371.0	4092.0
HGK	BUTC	150	NHGZZZZZ	Generation		NS	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	552.0
	BUTC Total						58.0	150.0	368.0	9.0	99.0	89.0	82.0	19.0	147.0	5.0	53.0	41.0	1140.0
HGK	TCS	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGK	TCS	107	NHGZZZZZ	Generation		ND	32.0	32.0	24.0	32.0	32.0	32.0	32.0	32.0	31.0	31.0	43.0	39.0	392.0
HGK	TCS	108	NHGZZZZZ	Generation		ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	TCS	150	NHGZZZZZ	Generation		NE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	20.0
HGK	TCS	150	NHGZZZZZ	Generation		NS	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	172.0	176.0	2048.0
	TCS Total						28.0	44.0	12.0	44.0	20.0	28.0	36.0	20.0	35.0	27.0	39.0	47.0	380.0
HGK	G_ELEAC	*Supply	NHGZZZZZ	Generation		*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HGK	G_ELEAC	107	NHGZZZZZ	Generation		ND	63.0	63.0	47.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	91.0	79.0	784.0
HGK	G_ELEAC	108	NHGZZZZZ	Generation		ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	H0000039	CT4-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	H0000040	CT5-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	H0001215	CT2 Major Field Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	KKlein03	Temp Proj KKlein03	KLEIN, K.	NE	0.0	192.0	384.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	576.0
HGK	G_ELEAC	150	KKlein06	Temp Proj KKlein06	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	KKlein07	Temp Proj KKlein07	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	KKlein10	Temp Proj KKlein10	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_ELEAC	150	KKlein13	Temp Proj KKlein13	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0	0.0	0.0	0.0	192.0
HGK	G_ELEAC	150	KKlein16	Temp Proj KKlein16	KLEIN, K.	NE	0.0	0.0	0.0	0.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
HGK	G_ELEAC	150	NHGZZZZZ	Generation		NE	293.0	168.0	146.0	271.0	134.0	316.0	291.0	420.0	191.0	318.0	193.0	173.0	2912.0
HGK	G_ELEAC	150	NHGZZZZZ	Generation		NS	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	264.0
	G_ELEAC Total						26.0	123.0	231.0	36.0	43.0	49.0	40.0	137.0	132.0	51.0	-46.0	-62.0	760.0
HGK	G_MECHN	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGK	G_MECHN	107	NHGZZZZZ	Generation		ND	32.0	32.0	24.0	32.0	32.0	32.0	32.0	32.0	31.0	31.0	47.0	35.0	392.0
HGK	G_MECHN	150	H0000039	CT4-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	H0000040	CT5-Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	H0001215	CT2 Major Field Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	KKlein03	Temp Proj KKlein03	KLEIN, K.	NE	0.0	96.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.0
HGK	G_MECHN	150	KKlein06	Temp Proj KKlein06	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	KKlein07	Temp Proj KKlein07	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	KKlein10	Temp Proj KKlein10	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGK	G_MECHN	150	KKlein13	Temp Proj KKlein13	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	96.0
HGK	G_MECHN	150	KKlein16	Temp Proj KKlein16	KLEIN, K.	NE	0.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	[illegible]
HGK	G_MECHN	150	NHGZZZZZ	Generation		NE	120.0	120.0	120.0	120.0	120.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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(Hours)

BA	Lbr Class	EE-Id	Project	Project Desc	Man Grp/Reso D	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HGK	G_MECHN	150	NHGZZZZZ	Generation		NS	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	7.0	150.0
	G_MECHN Total						-11.0	101.0	165.0	5.0	77.0	-11.0	-3.0	24.0	46.0	-13.0	5.0	-7.0	380.0
HGM	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-1232.0	-1120.0	-1288.0	-1120.0	-1288.0	-1232.0	-1176.0	-1288.0	-1176.0	-1232.0	-1232.0	-1176.0	-14560.0
HGM	BUTC	107	NHGZZZZZ	Generation		ND	162.0	162.0	108.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	274.0	216.0	2054.0
HGM	BUTC	108	NHGZZZZZ	Generation		ND	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	10.0	175.0
HGM	BUTC	150	H0001209	Shp 3 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	H0001210	Shp 4 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	H0001211	Hill 5 Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	H0001214	Puna Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	KKlein08	Temp Proj KKlein08	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	KKlein09	Temp Proj KKlein09	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	KKlein11	Temp Proj KKlein11	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	KKlein12	Temp Proj KKlein12	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	KKlein14	Temp Proj KKlein14	KLEIN, K.	NE	0.0	0.0	672.0	392.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1064.0
HGM	BUTC	150	KKlein15	Temp Proj KKlein15	KLEIN, K.	NE	0.0	0.0	0.0	1008.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1008.0
HGM	BUTC	150	KKlein17	Temp Proj KKlein17	KLEIN, K.	NE	0.0	0.0	0.0	0.0	1064.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1064.0
HGM	BUTC	150	KKlein18	Temp Proj KKlein18	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	392.0	616.0	0.0	0.0	0.0	0.0	1008.0
HGM	BUTC	150	KKlein19	Temp Proj KKlein19	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.0	168.0	0.0	0.0	0.0	1008.0
HGM	BUTC	150	KKlein25	Temp Proj KKlein25	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	NHGZZZZZ	Generation		HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	BUTC	150	NHGZZZZZ	Generation		NE	508.0	544.0	534.0	173.0	173.0	518.0	568.0	268.0	548.0	458.0	958.0	834.0	6084.0
HGM	BUTC	150	NHGZZZZZ	Generation		NS	592.0	457.0	62.0	57.0	57.0	607.0	107.0	57.0	357.0	650.0	57.0	135.0	3195.0
	BUTC Total						45.0	58.0	101.0	687.0	183.0	70.0	88.0	670.0	74.0	53.0	72.0	19.0	2100.0
HGM	FS	107	NHGZZZZZ	Generation		ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	FS	108	NHGZZZZZ	Generation		ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	FS	150	NHGZZZZZ	Generation		NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FS Total						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	*Supply	NHGZZZZZ	Generation		*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HGM	TCS	107	NHGZZZZZ	Generation		ND	77.0	77.0	53.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	125.0	95.0	966.0
HGM	TCS	108	NHGZZZZZ	Generation		ND	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	9.0	75.0
HGM	TCS	150	H0001209	Shp 3 Blr Insp - 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	H0001210	Shp 4 Blr Insp - 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	H0001211	Hill 5 Blr Insp 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	H0001214	Puna Blr Insp 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	KKlein08	Temp Proj KKlein08	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	KKlein09	Temp Proj KKlein09	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	KKlein11	Temp Proj KKlein11	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	KKlein12	Temp Proj KKlein12	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	KKlein14	Temp Proj KKlein14	KLEIN, K.	NS	0.0	0.0	96.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0
HGM	TCS	150	KKlein15	Temp Proj KKlein15	KLEIN, K.	NS	0.0	0.0	0.0	144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.0
HGM	TCS	150	KKlein17	Temp Proj KKlein17	KLEIN, K.	NS	0.0	0.0	0.0	0.0	152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0
HGM	TCS	150	KKlein18	Temp Proj KKlein18	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	56.0	88.0	0.0	0.0	0.0	0.0	144.0
HGM	TCS	150	KKlein19	Temp Proj KKlein19	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	24.0	0.0	0.0	0.0	144.0
HGM	TCS	150	KKlein25	Temp Proj KKlein25	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	TCS	150	NHGZZZZZ	Generation		NS	549.0	449.0	449.0	349.0	349.0	549.0	449.0	449.0	449.0	447.0	447.0	428.0	5363.0
	TCS Total						104.0	82.0	52.0	152.0	32.0	104.0	84.0	168.0	52.0	2.0	50.0	28.0	900.0
HGM	G_ELEAC	*Supply	NHGZZZZZ	Generation		*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HGM	G_ELEAC	107	NHGZZZZZ	Generation		ND	74.0	74.0	50.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	122.0	88.0	926.0
HGM	G_ELEAC	108	NHGZZZZZ	Generation		ND	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	9.0	75.0
HGM	G_ELEAC	150	H0001209	Shp 3 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	H0001210	Shp 4 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	H0001211	Hill 5 Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	H0001214	Puna Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	KKlein08	Temp Proj KKlein08	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	KKlein09	Temp Proj KKlein09	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	KKlein11	Temp Proj KKlein11	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	KKlein12	Temp Proj KKlein12	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	KKlein14	Temp Proj KKlein14	KLEIN, K.	NE	0.0	0.0	288.0	168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	456.0
HGM	G_ELEAC	150	KKlein15	Temp Proj KKlein15	KLEIN, K.	NE	0.0	0.0	0.0	432.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	432.0
HGM	G_ELEAC	150	KKlein17	Temp Proj KKlein17	KLEIN, K.	NE	0.0	0.0	0.0	0.0	456.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	456.0
HGM	G_ELEAC	150	KKlein18	Temp Proj KKlein18	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	168.0	264.0	0.0	0.0	[illegible]	[illegible]	[illegible]

Resource Law Report-Detail

(Hours)

RA	LV Class	EE	Project	Project Name	Manager	Int	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HGM	G_ELEAC	150	KKlein19	Temp Proj KKlein19	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360.0	72.0	0.0	0.0	0.0	432.0
HGM	G_ELEAC	150	KKlein25	Temp Proj KKlein25	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_ELEAC	150	NHGZZZZZ	Generation		NE	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	328.0	327.0	3931.0
	G_ELEAC Total						-120.0	-72.0	120.0	528.0	312.0	-120.0	72.0	480.0	-24.0	-122.0	-74.0	-80.0	900.0
HGM	G_MECHN	*Supply	NHGZZZZZ	Generation		*Supply	-880.0	-800.0	-920.0	-800.0	-920.0	-880.0	-840.0	-920.0	-840.0	-880.0	-880.0	-840.0	-10400.0
HGM	G_MECHN	107	NHGZZZZZ	Generation		ND	98.0	98.0	56.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	178.0	132.0	1250.0
HGM	G_MECHN	108	NHGZZZZZ	Generation		ND	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	15.0	125.0
HGM	G_MECHN	150	H0001209	Shp 3 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	H0001210	Shp 4 Blr Insp - 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	H0001211	Hill 5 Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	H0001214	Puna Blr Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	KKlein08	Temp Proj KKlein08	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	KKlein09	Temp Proj KKlein09	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	KKlein11	Temp Proj KKlein11	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	KKlein12	Temp Proj KKlein12	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	KKlein14	Temp Proj KKlein14	KLEIN, K.	NE	0.0	0.0	480.0	280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	760.0
HGM	G_MECHN	150	KKlein15	Temp Proj KKlein15	KLEIN, K.	NE	0.0	0.0	0.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	720.0
HGM	G_MECHN	150	KKlein17	Temp Proj KKlein17	KLEIN, K.	NE	0.0	0.0	0.0	0.0	760.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	760.0
HGM	G_MECHN	150	KKlein18	Temp Proj KKlein18	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	280.0	440.0	0.0	0.0	0.0	0.0	720.0
HGM	G_MECHN	150	KKlein19	Temp Proj KKlein19	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	600.0	120.0	0.0	0.0	0.0	720.0
HGM	G_MECHN	150	KKlein25	Temp Proj KKlein25	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGM	G_MECHN	150	NHGZZZZZ	Generation		NE	712.0	622.0	307.0	214.0	214.0	712.0	412.0	214.0	557.0	707.0	617.0	649.0	5937.0
HGM	G_MECHN	150	NHGZZZZZ	Generation		NS	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	948.0
	G_MECHN Total						19.0	9.0	14.0	601.0	241.0	19.0	39.0	521.0	24.0	14.0	4.0	35.0	1540.0
HGP	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-1760.0	-1600.0	-1840.0	-1600.0	-1840.0	-1760.0	-1680.0	-1840.0	-1680.0	-1760.0	-1760.0	-1680.0	-20800.0
HGP	BUTC	107	NHGZZZZZ	Generation		ND	265.0	265.0	185.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	425.0	345.0	3340.0
HGP	BUTC	150	NHGZZZZZ	Generation		NE	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1934.0	23450.0
	BUTC Total						461.0	621.0	301.0	621.0	381.0	461.0	541.0	381.0	541.0	461.0	621.0	609.0	5990.0
HGT	FS	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGT	FS	107	NHGZZZZZ	Generation		ND	27.0	27.0	19.0	27.0	27.0	27.0	27.0	27.0	26.0	25.0	41.0	32.0	332.0
HGT	FS	150	H0000354	Oil Spill Response Program	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGT	FS	150	NHGZZZZZ	Generation		NE	56.0	56.0	71.0	41.0	56.0	54.0	56.0	56.0	54.0	56.0	56.0	65.0	681.0
HGT	FS	150	NHGZZZZZ	Generation		NS	98.0	89.0	92.0	82.0	83.0	83.0	83.0	83.0	82.0	82.0	82.0	87.0	1016.0
	FS Total						5.0	12.0	-12.0	-10.0	-16.0	-12.0	-2.0	-16.0	-6.0	-13.0	3.0	16.0	-51.0
HGT	TC	*Supply	NHGZZZZZ	Generation		*Supply	-528.0	-480.0	-552.0	-480.0	-552.0	-528.0	-504.0	-552.0	-504.0	-528.0	-528.0	-504.0	-6240.0
HGT	TC	107	NHGZZZZZ	Generation		ND	66.0	66.0	42.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	114.0	66.0	636.0
HGT	TC	150	H0000354	Oil Spill Response Program	KLEIN, K.	NS	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	20.0
HGT	TC	150	NHGZZZZZ	Generation		NE	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	26.0	268.0
HGT	TC	150	NHGZZZZZ	Generation		NS	452.0	452.0	494.0	410.0	462.0	442.0	452.0	462.0	442.0	435.0	415.0	410.0	5328.0
	TC Total						14.0	62.0	8.0	20.0	0.0	4.0	38.0	0.0	27.0	-4.0	24.0	19.0	212.0
HGW	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-1584.0	-1440.0	-1656.0	-1440.0	-1656.0	-1584.0	-1512.0	-1656.0	-1512.0	-1584.0	-1584.0	-1512.0	-18720.0
HGW	BUTC	107	NHGZZZZZ	Generation		ND	80.0	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	2133.0
HGW	BUTC	150	NHGZZZZZ	Generation		NE	0.0	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	1738.6	19124.6
	BUTC Total						-1524.0	487.1	271.1	487.1	271.1	343.1	415.1	271.1	415.1	343.1	343.1	415.1	2537.6
HGX	BUTC	*Supply	NHGZZZZZ	Generation		*Supply	-352.0	-320.0	-368.0	-320.0	-368.0	-352.0	-336.0	-368.0	-336.0	-352.0	-352.0	-336.0	-4160.0
HGX	BUTC	107	NHGZZZZZ	Generation		ND	61.0	61.0	45.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	93.0	77.0	764.0
HGX	BUTC	150	H0000779	Kanoelehua D17 Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	528.0	192.0	0.0	720.0
HGX	BUTC	150	H0001213	CT3 General Inspection 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	BUTC	150	H0001216	CT1 Gen Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	BUTC	150	KKlein01	Temp Proj KKlein01	KLEIN, K.	NE	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
HGX	BUTC	150	KKlein02	Temp Proj KKlein02	KLEIN, K.	NE	0.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
HGX	BUTC	150	KKlein04	Temp Proj KKlein04	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	BUTC	150	KKlein05	Temp Proj KKlein05	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	BUTC	150	NHGZZZZZ	Generation		NC	43.0	43.0	43.0	43.0	83.0	28.0	52.0	83.0	44.0	17.0	17.0	49.0	525.0
HGX	BUTC	150	NHGZZZZZ	Generation		NE	109.0	109.0	236.0	183.0	184.0	182.0	168.0	139.0	205.0	31.0	82.0	160.0	1726.0
HGX	BUTC	150	NHGZZZZZ	Generation		NS	54.0	54.0	54.0	54.0	54.0	54.0	54.0	104.0	104.0	4.0	4.0	47.0	641.0
	BUTC Total						107.0	139.0	10.0	1.0	-6.0	-27.0	-3.0	-1.0	78.0	289.0	19.0	-3.0	600.0
HGX	TCS	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-2080.0
HGX	TCS	107	NHGZZZZZ	Generation		ND	30.0	30.0	22.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	46.0	44.0	382.0
HGX	TCS	150	H0000039	CT4-Overhaul	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Resource Lev Report-Detail

(Hours)

RA	Ur Class	EE	Project	Project	Mon/Emp/Reso	Ind	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	FY06
HGX	TCS	150	H0000040	CT5-Overhaul	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	H0000779	Kanoelehua D17 Overhaul	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.0	64.0	0.0	240.0
HGX	TCS	150	H0001213	CT3 General Inspection 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	H0001215	CT2 Major Field Insp 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	H0001216	CT1 Gen Insp 2005	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein01	Temp Proj KKlein01	KLEIN, K.	NS	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein02	Temp Proj KKlein02	KLEIN, K.	NS	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
HGX	TCS	150	KKlein03	Temp Proj KKlein03	KLEIN, K.	NS	0.0	96.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
HGX	TCS	150	KKlein04	Temp Proj KKlein04	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.0
HGX	TCS	150	KKlein05	Temp Proj KKlein05	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein06	Temp Proj KKlein06	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein07	Temp Proj KKlein07	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein10	Temp Proj KKlein10	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein13	Temp Proj KKlein13	KLEIN, K.	NS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	TCS	150	KKlein16	Temp Proj KKlein16	KLEIN, K.	NS	0.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	96.0
HGX	TCS	150	NHGZZZZZ	Generation		NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	96.0
HGX	TCS	150	NHGZZZZZ	Generation		NS	89.0	22.0	22.0	139.0	79.0	139.0	139.0	161.0	52.0	32.0	72.0	132.0	8.0
	TCS Total						40.0	85.0	53.0	10.0	22.0	-6.0	2.0	8.0	10.0	62.0	6.0	8.0	1078.0
HGX	G_ELEAC	*Supply	NHGZZZZZ	Generation		*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	300.0
HGX	G_ELEAC	107	NHGZZZZZ	Generation		ND	47.0	47.0	31.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	79.0	71.0	-2080.0
HGX	G_ELEAC	150	H0000779	Kanoelehua D17 Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	352.0	128.0	0.0	604.0
HGX	G_ELEAC	150	H0001213	CT3 General Inspection 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	480.0
HGX	G_ELEAC	150	H0001216	CT1 Gen Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_ELEAC	150	KKlein01	Temp Proj KKlein01	KLEIN, K.	NE	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_ELEAC	150	KKlein02	Temp Proj KKlein02	KLEIN, K.	NE	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
HGX	G_ELEAC	150	KKlein04	Temp Proj KKlein04	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
HGX	G_ELEAC	150	KKlein05	Temp Proj KKlein05	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_ELEAC	150	NHGZZZZZ	Generation		NE	231.0	271.0	351.0	291.0	321.0	311.0	291.0	321.0	292.0	232.0	292.0	280.0	0.0
	G_ELEAC Total						198.0	254.0	198.0	176.0	194.0	182.0	170.0	194.0	171.0	455.0	323.0	183.0	3484.0
HGX	G_MECHN	*Supply	NHGZZZZZ	Generation		*Supply	-704.0	-640.0	-736.0	-640.0	-736.0	-704.0	-672.0	-736.0	-672.0	-704.0	-704.0	-672.0	2680.0
HGX	G_MECHN	107	NHGZZZZZ	Generation		ND	75.0	75.0	61.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	123.0	97.0	-8320.0
HGX	G_MECHN	150	H0000779	Kanoelehua D17 Overhaul	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.0	64.0	0.0	946.0
HGX	G_MECHN	150	H0001213	CT3 General Inspection 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.0
HGX	G_MECHN	150	H0001216	CT1 Gen Insp 2005	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_MECHN	150	KKlein01	Temp Proj KKlein01	KLEIN, K.	NE	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
HGX	G_MECHN	150	KKlein02	Temp Proj KKlein02	KLEIN, K.	NE	0.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
HGX	G_MECHN	150	KKlein04	Temp Proj KKlein04	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_MECHN	150	KKlein05	Temp Proj KKlein05	KLEIN, K.	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HGX	G_MECHN	150	NHGZZZZZ	Generation		NE	407.0	357.0	457.0	387.0	427.0	407.0	407.0	427.0	387.0	407.0	407.0	397.0	0.0
HGX	G_MECHN	150	NHGZZZZZ	Generation		NS	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	4974.0
	G_MECHN Total						28.0	42.0	-170.0	-120.0	-176.0	-164.0	-132.0	-176.0	-152.0	12.0	-52.0	-120.0	696.0
H9P	EXEC	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	-1160.0
H9P	EXEC	107	NHAPRESI	President		NC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	24.0	16.0	-2080.0
H9P	EXEC	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	16.0	16.0	40.0	40.0	40.0	40.0	112.0
H9P	EXEC	150	NHAPRESI	President		NE	200.0	184.0	216.0	184.0	208.0	200.0	184.0	200.0	160.0	168.0	152.0	152.0	240.0
	EXEC Total						40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	2208.0
H9P	I	*Supply	*Supply			*Supply	-176.0	-160.0	-184.0	-160.0	-184.0	-176.0	-168.0	-184.0	-168.0	-176.0	-176.0	-168.0	480.0
H9P	I	107	NHAPRESI	President		NC	16.0	16.0	8.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	32.0	24.0	-2080.0
H9P	I	150	H0000332	2001 Test Year Rate Case	ADM	NE	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	208.0
H9P	I	150	NHAPRESI	President		NE	160.0	144.0	176.0	144.0	168.0	160.0	152.0	168.0	152.0	160.0	144.0	144.0	96.0
	I Total						8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	1872.0
	Grand Total						1479.8	7018.2	6451.5	15685.8	7588.4	19568.7	20664.6	19622.2	6159.9	5250.9	5332.6	5769.9	98.0
																			122731.7

2006 Test Year Rate Case Adjustments

Employee Count
2006 Rate Case

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DA	4	4	4	4	4	4	4	4	4	4	4	4
DC	25	25	25	25	25	25	25	25	25	25	25	25
DH	32	32	32	32	32	32	34	34	34	34	34	34
DK	25	25	25	25	25	25	27	27	27	27	27	27
DR	9	9	9	9	9	9	9	9	9	9	9	9
DS	7	8	8	8	8	8	8	8	8	8	8	8
DW	16	16	16	16	16	16	16	16	16	16	16	16
GRAND TOTAL	118	119	119	119	119	119	123	123	123	123	123	123

Employee Manning 2006
RA: DA

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ENABLR	Jay Ignacio	1	1	1	1	1	1	1	1	1	1	1	1
TC	J. Deschamps	1	1	1	1	1	1	1	1	1	1	1	1
TC	Rich Wlosinski	1	1	1	1	1	1	1	1	1	1	1	1
	Staff Engineer- Hilo	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2
	TOTAL	4	4	4	4	4	4	4	4	4	4	4	4

Employee Manning 2006 Fcst
RA: DC

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FACSUP	M. Nagato	1	1	1	1	1	1	1	1	1	1	1	1
BU-OC	M. Yoshida	1	1	1	1	1	1	1	1	1	1	1	1
TCSUP	D. Okamura	1	1	1	1	1	1	1	1	1	1	1	1
	05 Operations Supt. Vacancy	0	0	0	0	0	0	0	0	0	0	0	0
	05 Operations Supt. Vacancy	0	0	0	0	0	0	0	0	0	0	0	0
	S. Hatenaka	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2
DTECHCREW	K. Yamashita	1	1	1	1	1	1	1	1	1	1	1	1
	05 Working Foreman	1	1	1	1	1	1	1	1	1	1	1	1
	05 Working Foreman	1	1	1	1	1	1	1	1	1	1	1	1
	05 Electrician	1	1	1	1	1	1	1	1	1	1	1	1
	A. Ohara	1	1	1	1	1	1	1	1	1	1	1	1
	A. Kanaeholo Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	R. Akimseu	1	1	1	1	1	1	1	1	1	1	1	1
	B. Horikawa	1	1	1	1	1	1	1	1	1	1	1	1
	A. Ranolo	1	1	1	1	1	1	1	1	1	1	1	1
	M. Rawlins, Jr. Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	E. Shozuya	1	1	1	1	1	1	1	1	1	1	1	1
	K. Garbo	1	1	1	1	1	1	1	1	1	1	1	1
	J. Sakai	1	1	1	1	1	1	1	1	1	1	1	1
	R. Shishido Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	G. Akana Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	04 Apprentice	1	1	1	1	1	1	1	1	1	1	1	1
	A. Gushiken	1	1	1	1	1	1	1	1	1	1	1	1
	D. Bumatay	1	1	1	1	1	1	1	1	1	1	1	1
	B. Ballesteros	1	1	1	1	1	1	1	1	1	1	1	1
	T. Hill	1	1	1	1	1	1	1	1	1	1	1	1
	J. Shimazu	1	1	1	1	1	1	1	1	1	1	1	1
		21	21	21	21	21	21	21	21	21	21	21	21
TOTAL		25	25	25	25	25	25	25	25	25	25	25	25

Employee Manning 2006
RA: DH

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FACSUP	J. Vierra	1	1	1	1	1	1	1	1	1	1	1	1
TCSUP	W. Moku	1	1	1	1	1	1	1	1	1	1	1	1
	K. Waltjen	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2
DCREW	G. Kelii	1	1	1	1	1	1	1	1	1	1	1	1
	S. Kang	1	1	1	1	1	1	1	1	1	1	1	1
	G. Napoleon	1	1	1	1	1	1	1	1	1	1	1	1
	Additional New Hire - 2004	1	1	1	1	1	1	1	1	1	1	1	1
	F. Terlap Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	J. Ohia	1	1	1	1	1	1	1	1	1	1	1	1
	J. Connick	1	1	1	1	1	1	1	1	1	1	1	1
	G. Figueira	1	1	1	1	1	1	1	1	1	1	1	1
	K. Iranon	1	1	1	1	1	1	1	1	1	1	1	1
	M. Iwahashi	1	1	1	1	1	1	1	1	1	1	1	1
	Apprentice 2005	1	1	1	1	1	1	1	1	1	1	1	1
	Apprentice 2005	1	1	1	1	1	1	1	1	1	1	1	1
	Apprentice 2005	1	1	1	1	1	1	1	1	1	1	1	1
	L. Longakit	1	1	1	1	1	1	1	1	1	1	1	1
	C. Kunimura	1	1	1	1	1	1	1	1	1	1	1	1
	K. Kelii	1	1	1	1	1	1	1	1	1	1	1	1
	L. Faulkner	1	1	1	1	1	1	1	1	1	1	1	1
	Ke. Kanakaole	1	1	1	1	1	1	1	1	1	1	1	1
	P. Grace	1	1	1	1	1	1	1	1	1	1	1	1
	W. Rubio	1	1	1	1	1	1	1	1	1	1	1	1
	N. Mattos	1	1	1	1	1	1	1	1	1	1	1	1
	J. Chai	1	1	1	1	1	1	1	1	1	1	1	1
	Trouble Inspector - 24 hr day	0	0	0	0	0	0	1	1	1	1	1	1
	Trouble Inspector - 24 hr day	0	0	0	0	0	0	1	1	1	1	1	1
	R. Nakano	1	1	1	1	1	1	1	1	1	1	1	1
	B. Lum	1	1	1	1	1	1	1	1	1	1	1	1
	A. Pacheco	1	1	1	1	1	1	1	1	1	1	1	1
	W. Iranon	1	1	1	1	1	1	1	1	1	1	1	1
	H. Kelly	1	1	1	1	1	1	1	1	1	1	1	1
	W. Waltjen	1	1	1	1	1	1	1	1	1	1	1	1
	R. Olayon	1	1	1	1	1	1	1	1	1	1	1	1
		29	29	29	29	29	29	31	31	31	31	31	31
TOTAL		32	32	32	32	32	32	34	34	34	34	34	34

Employee Manning 2006 FCST
RA: DK

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FACSUP	C. Nakayama	1	1	1	1	1	1	1	1	1	1	1	1
TCSUP	P. Lindsey	1	1	1	1	1	1	1	1	1	1	1	1
	C. Vana	1	1	1	1	1	1	1	1	1	1	1	1
	06 Administrator New Hire	1	1	1	1	1	1	1	1	1	1	1	1
	D. Block	1	1	1	1	1	1	1	1	1	1	1	1
		4	4	4	4	4	4	4	4	4	4	4	4
DCREW	Scott Hamilton	1	1	1	1	1	1	1	1	1	1	1	1
	A. Borgioli	1	1	1	1	1	1	1	1	1	1	1	1
	M. Ahn	1	1	1	1	1	1	1	1	1	1	1	1
	R. Ferreira Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	J. Gavalek	1	1	1	1	1	1	1	1	1	1	1	1
	C. Kanda	1	1	1	1	1	1	1	1	1	1	1	1
	R. Manasas	1	1	1	1	1	1	1	1	1	1	1	1
	C. Kanouff	1	1	1	1	1	1	1	1	1	1	1	1
	Trouble Inspector - 24 hr	0	0	0	0	0	0	1	1	1	1	1	1
	Trouble Inspector - 24 hr	0	0	0	0	0	0	1	1	1	1	1	1
	Trouble Inspector	1	1	1	1	1	1	1	1	1	1	1	1
	Trouble Inspector	1	1	1	1	1	1	1	1	1	1	1	1
	J. Perry	1	1	1	1	1	1	1	1	1	1	1	1
	D. Doctor	1	1	1	1	1	1	1	1	1	1	1	1
	E. Lorenzo	1	1	1	1	1	1	1	1	1	1	1	1
	M. Thomas	1	1	1	1	1	1	1	1	1	1	1	1
	M. Singson	1	1	1	1	1	1	1	1	1	1	1	1
	J. Hudman	1	1	1	1	1	1	1	1	1	1	1	1
	Apprentice - New Hire 2004	0	0	0	0	0	0	0	0	0	0	0	0
	M. Soo	1	1	1	1	1	1	1	1	1	1	1	1
	M. Kameoka	1	1	1	1	1	1	1	1	1	1	1	1
		18	18	18	18	18	18	20	20	20	20	20	20
DINSPE	W. Denis	1	1	1	1	1	1	1	1	1	1	1	1
DWAREH	C. Denis	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL		25	25	25	25	25	25	27	27	27	27	27	27

Employee Manning 2006
RA: OR

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCS	R. Kaneshiro	1	1	1	1	1	1	1	1	1	1	1	1
BU-TC	K. Iwamoto	1	1	1	1	1	1	1	1	1	1	1	1
	B. Awong	1	1	1	1	1	1	1	1	1	1	1	1
	Vacancy	1	1	1	1	1	1	1	1	1	1	1	1
	W. Pua Kaipo	1	1	1	1	1	1	1	1	1	1	1	1
	R. Hayashi	1	1	1	1	1	1	1	1	1	1	1	1
	J. Spencer	1	1	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6	6	6	6
DINSPE	W. Simonson	1	1	1	1	1	1	1	1	1	1	1	1
	Sr. Inspector	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2
TOTAL		9	9	9	9	9	9	9	9	9	9	9	9

Employee Manning 2006 Forecast
RA: DS

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCSUP	D. Lai	1	1	1	1	1	1	1	1	1	1	1	1
BUTC	K. Hoke	1	1	1	1	1	1	1	1	1	1	1	1
	Keahole Warehouse	0	1	1	1	1	1	1	1	1	1	1	1
	M.Otis	1	1	1	1	1	1	1	1	1	1	1	1
		2	3	3	3	3	3	3	3	3	3	3	3
DWAREH	M. Schodowski	1	1	1	1	1	1	1	1	1	1	1	1
	G. Chinen	1	1	1	1	1	1	1	1	1	1	1	1
	J. Kaikaina	1	1	1	1	1	1	1	1	1	1	1	1
	R. Krueger	1	1	1	1	1	1	1	1	1	1	1	1
		4	4	4	4	4	4	4	4	4	4	4	4
TOTAL		**7**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**

Employee Manning 2006
RA: DW

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCSUP	M. Ahn	1	1	1	1	1	1	1	1	1	1	1	1
DCREW	**Eugenio Vacancy**	1	1	1	1	1	1	1	1	1	1	1	1
	J. Balai	1	1	1	1	1	1	1	1	1	1	1	1
	D. Evangelista	1	1	1	1	1	1	1	1	1	1	1	1
	C. Pilayo	1	1	1	1	1	1	1	1	1	1	1	1
	B. Powell	1	1	1	1	1	1	1	1	1	1	1	1
	05 R. Jensen replacement	1	1	1	1	1	1	1	1	1	1	1	1
	M. Reynolds	1	1	1	1	1	1	1	1	1	1	1	1
	A. Ho	1	1	1	1	1	1	1	1	1	1	1	1
	P. Yates	1	1	1	1	1	1	1	1	1	1	1	1
	Trouble Inspector 2005	1	1	1	1	1	1	1	1	1	1	1	1
	H. Walleman	1	1	1	1	1	1	1	1	1	1	1	1
	D. Iga	1	1	1	1	1	1	1	1	1	1	1	1
	D. Brighter	1	1	1	1	1	1	1	1	1	1	1	1
		13	13	13	13	13	13	13	13	13	13	13	13
DINSPE	R. Jensen	1	1	1	1	1	1	1	1	1	1	1	1
DWAREH	R. Keller	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL		**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**

Hawaii Electric Light Company
Distribution Department

		2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
DIVISIONS:											
Administration	HDA	3	2	3	3	2	5	4	0	4	(1)
Technical	HDC	23	21	20	20	17	23	25	0	25	2
Hilo C&M	HDH	33	26	26	25	27	30	34	0	34	4
Kona C&M	HDK	18	17	20	18	20	22	27	0	27	5
Operations	HDR	8	8	8	7	9	9	9	0	9	0
Stores	HDS	7	7	7	6	6	6	7	1	8	2
Waimea C&M	HDW	19	14	14	12	13	14	16	0	16	2
		111	95	98	91	94	109	122	1	123	14

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Hawaii Electric Light Company

Administration Employee Count

											2005
		2000	2001	2002	2003	2004	2005	2006	2006	2006	2006
Position	RA	Total	Total	Total	Total	Total	Total	Budget	Bud Adj	Test Year	Diff
Administration -	HDA										
Manager		1	1	1	1	1	1	1	0	1	0
System Forester		1	1	1	1	1	1	1	0	1	0
Distribution Administrator		0	0	1	1	0	1	1	0	1	0
Staff Engineer		1	0	0	0	0	2	1	0	1	(1)
		3	2	3	3	2	5	4	0	4	(1)

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Hawaii Electric Light Company

Technical Division Employee Count

Position	RA	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
Technical -	HDC										
Superintendent, Technical		1	1	1	1	1	1	1	0	1	0
Assistant Superintendent, Technical - Elect		0	1	1	1	1	1	1	0	1	0
Assistant Superintendent, Technical - Subst		1	1	1	0	0	1	1	0	1	0
Working Foreman		3	3	4	4	4	5	5	0	5	0
Electrician		10	8	9	9	5	7	7	0	7	0
Apprentice Electrician		1	1	1	2	2	2	1	0	1	(1)
Technician - Relayman		3	2	1	1	1	1	1	0	1	0
Lineman		1	1	1	1	1	1	1	0	1	0
Senior Helper		0	1	0	0	0	0	1	0	1	1
Helper		1	1	0	0	1	4	5	0	5	1
Material Coordinator/Clerk		2	1	1	1	1	0	1	0	1	1
		23	21	20	20	17	23	25	0	25	2

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Hawaii Electric Light Company											
Hilo C&M Employee Count											
											2005
		2000	2001	2002	2003	2004	2005	2006	2006	2006	2006
Position	RA	Total	Total	Total	Total	Total	Total	Budget	Bud Adj	Test Year	Diff
Construction & Maintenance -	HDH										
Superintendent, C&M		1	1	1	1	1	1	1	0	1	0
Assistant Superintendent, C&M		2	2	2	2	2	2	2	0	2	0
Working Foreman		4	3	4	3	4	3	4	0	4	1
Lineman		19	16	14	13	13	12	13	0	13	1
Apprentice		0	0	0	2	3	3	3	0	3	0
Troubleman-Inspector		2	2	2	2	2	2	4	0	4	2
Serviceman		1	2	2	2	2	2	2	0	2	0
Senior Helpers		0	0	0	0	0	5	5	0	5	0
Helpers		4	0	1	0	0	0	0	0	0	0
		33	26	26	25	27	30	34	0	34	4

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Hawaii Electric Light Company
Kona C&M Employee Count

Position	RA	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
Construction & Maintenance -	HDK										
Superintendent, C&M		1	1	1	1	1	1	1	0	1	0
Assistant Superintendent, C&M		2	2	2	1	2	2	2	0	2	0
Administrative Assistant		0	0	0	0	0	0	0	1	1	1
Staff Engineer		0	0	0	0	0	0	1	0	1	1
Working Foreman		3	3	3	2	2	3	3	0	3	0
Lineman		9	9	8	8	8	5	5	(1)	4	(1)
Apprentice		0	0	0	1	4	3	3	0	3	0
Troubleman-Inspector		0	0	0	0	0	2	4	0	4	2
Serviceman		1	1	1	1	1	1	1	0	1	0
Senior Inspector		1	1	1	1	1	1	1	0	1	0
Senior Helpers		0	0	0	0	0	3	5	0	5	2
Helpers		0	0	4	2	0	0	0	0	0	0
Warehouse/Tool Room Attendant		1	0	0	1	1	1	1	0	1	0
		18	17	20	18	20	22	27	0	27	5

REFERENCE: HELCO-611 DOCKET NO. 05-0315 ; PAGE 5 OF 8

Hawaii Electric Light Company
Operations Employee Count

Position	RA	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
Operations -	HDR										
Asst. Tech Superintendent, Operations		0	0	0	0	1	1	1	0	1	0
Clerk Dispatcher		1	1	1	1	1	1	1	0	1	0
Shift Clerk Dispatcher		5	5	5	5	6	5	5	0	5	0
Mapper		1	1	1	0	0	0	0	0	0	0
Senior Inspector		0	0	0	0	0	1	1	0	1	0
Inspector		1	1	1	1	1	1	1	0	1	0
		8	8	8	7	9	9	9	0	9	0

REFERENCE HELCO-611 ; DOCKET NO. 05-0315 , PAGE 6 OF 8

Hawaii Electric Light Company
Stores Employee Count

Position	RA	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
Stores -	HDS										
Supervisor, Stores		1	1	1	1	1	1	1	0	1	0
Senior Warehouse Attendant		1	1	0	1	1	1	1	0	1	0
Warehouse Attendant		2	2	3	2	1	2	2	0	2	0
Toolroom Attendant Repairer		1	1	1	0	1	0	1	0	1	1
Materials Coordinator		1	1	1	1	1	1	1	0	1	0
Helper		1	0	0	0	0	0	0	0	0	0
Warehouse Toolroom Attendant Keahole		0	0	0	0	0	0	0	1	1	1
Store Keeper		0	1	1	1	1	1	1	0	1	0
		7	7	7	6	6	6	7	1	8	2

REFERENCE: HELCO-611, DOCKET NO. 05-0315; PAGE 7 OF 8

Hawaii Electric Light Company
Waimea Employee Count

Position	RA	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Budget	2006 Bud Adj	2006 Test Year	2005 2006 Diff
Waimea -	HDW										
Assistant Superintendent		1	1	1	1	1	1	1	0	1	0
Working Foreman		3	2	3	1	1	2	2	0	2	0
Lineman		9	8	6	6	6	3	5	0	5	2
Senior Inspector		1	1	1	0	1	1	1	0	1	0
Trouble Inspector		0	0	0	0	0	1	1	0	1	0
Serviceman		1	1	1	1	1	1	1	0	1	0
Apprentice		0	0	0	1	2	2	2	0	2	0
Senior Helper		0	0	0	0	0	2	2	0	2	0
Helper		3	0	1	1	0	0	0	0	0	0
Warehouse/Tool Room Attendant		1	1	1	1	1	1	1	0	1	0
		19	14	14	12	13	14	16	0	16	2

REFERENCE HELCO-611; DOCKET NO. 05-0315; PAGE 8 OF 8

Hawaii Electric Light Company Inc.
Rate Case Adjustments
Transmission and Distribution

Description	Reason For Adjustment	Account Impacted	Activity	Labor: Hours	Labor: Direct Labor $ (FE150)	Labor: NOW Rate (FE421)	Labor: NOW $	Labor: Subtotal	NOTES	Non-Labor: Energy Delivery Rate (FE404)	Non-Labor: Energy Delivery $ (FE404)	FE403	Non-Labor: Subtotal	NOTES	Total $	RS
1 Accounts of new hire for Kaohulu Valves. Change to Stores Clearing as of February 1, 2005.	New Hire of labor class Overall charged to Stores Clearing.	163		2,016	50,402	4.39	3,027	65,769	Stores Clearing	-	-		-	Stores Clearing	65,769	HON
2 Revised timeline hiring date for 24 hour troubleshooter inspectors to (2) Hilo and (2) Kona from January to July 2005.	Revised hire date for 24 hour troubleshooter inspectors for labor class Crews.	593	789	(16)	(557)	4.39	(69)	(626)	ARG Operations	35.44	(503)		(503)	ARG Operations	(1,209)	HON
		595	797	(34)	(1,194)	4.39	(149)	(1,343)	ARG Operations	35.44	(1,239)		(1,239)	ARG Operations	(2,582)	HON
		593	339	(13)	(453)	4.39	(56)	(509)	A1	35.44	(474)		(474)	A1	(982)	HON
		571	355	(51)	(1,779)	4.39	(219)	(1,998)	B1	35.44	(1,858)		(1,858)	B1	(3,856)	HON
		593	488	(114)	(3,973)	4.39	(493)	(4,465)	C1	35.44	(4,156)		(4,156)	C1	(8,619)	HON
		593	473	(149)	(5,195)	4.39	(646)	(5,713)	D1	35.44	(5,320)		(5,320)	D1	(11,033)	HON
		593	476	(78)	(2,947)	4.39	(367)	(3,314)	D1	35.44	(2,769)		(2,769)	D1	(5,743)	HON
		593	482	(33)	(1,279)	4.39	(159)	(1,438)	E1	35.44	(1,658)		(1,658)	E1	(3,094)	HON
		593	484	(95)	(3,309)	4.39	(412)	(3,721)	D1	35.44	(3,462)		(3,462)	D1	(7,179)	HON
		593	802	(55)	(3,100)	4.39	(386)	(3,486)	F1	35.44	(3,243)		(3,243)	F1	(6,729)	HON
				(600)	(23,808)		(2,946)	(26,754)			(24,882)		(24,882)		(51,636)	
		593	789	(16)	(557)	4.39	(69)	(626)	ARG Operations	35.44	(503)		(503)	ARG Operations	(1,129)	HON
		595	797	(34)	(1,194)	4.39	(149)	(1,343)	ARG Operations	35.44	(1,239)		(1,239)	ARG Operations	(2,582)	HON
		593	339	(13)	(453)	4.39	(56)	(509)	A1	35.44	(1,530)		(1,530)	A1	(3,174)	HON
		571	355	(13)	(419)	4.39	(53)	(472)	B1	35.44	(437)		(437)	B1	(909)	HON
		593	488	(85)	(3,170)	4.39	(395)	(3,565)	C1	35.44	(3,316)		(3,316)	C1	(6,881)	HON
		593	473	(24)	(835)	4.39	(103)	(938)	D1	35.44	(875)		(875)	D1	(1,814)	HON
		593	476	(318)	(10,310)	4.39	(1,283)	(11,593)	D1	35.44	(10,789)		(10,789)	D1	(22,382)	HON
		593	484	(48)	(1,672)	4.39	(208)	(1,879)	D1	35.44	(1,749)		(1,749)	D1	(3,627)	HON
		593	802	(91)	(3,170)	4.39	(395)	(3,565)	F1	35.44	(3,316)		(3,316)	F1	(6,877)	HON
				(624)	(23,778)		(2,710)	(26,488)			(24,652)		(24,652)		(49,420)	
3 Change in new hire position in Kona from a fireman to an Administrator as of January 1, 2005. Change to Energy Delivery Clearing instead of O&M.	Change in new hire position from labor class Crews to TC in PA HON.	593	789	(16)	(557)	4.39	(69)	(626)	ARG Operations	35.44	(503)		(503)	ARG Operations	(1,129)	HON
		595	797	(36)	(1,254)	4.39	(156)	(1,409)	ARG Operations	35.44	(1,312)		(1,312)	ARG Operations	(2,721)	HON
		593	484	(73)	(2,543)	4.39	(316)	(2,859)	D3	35.44	(2,660)		(2,660)	D3	(5,517)	HON
		593	476	(500)	(17,425)	4.39	(2,166)	(19,592)	D3	35.44	(17,929)		(17,929)	D3	(37,521)	HON
				(917)	(21,779)		(2,707)	(24,486)			(22,403)		(22,403)		(46,887)	
		594.00		1,016	51,696	4.39	7,707	59,404	Energy Delivery Clearing	35.44	-		-	Energy Delivery Clearing	59,404	HON
4 Change in labor allocation for the Hilo and Kona Crews between O&M and Capital.	Troubleshooter inspectors are working more on O&M work. Past work timesheets show they are shifting up the O&M vs. Capital ratio.	593	339	3	104	4.39	15	117	A2	35.44	109		109	A2	227	HON
		571	355	25	871	4.39	129	1,000	B2	35.44	911		911	B2	1,889	HON
		593	488	53	1,846	4.39	274	2,121	C2	35.44	1,931		1,931	C2	4,005	HON
		593	473	145	4,978	4.39	737	5,715	D2	35.44	5,102		5,102	D2	10,817	HON
		593	482	21	731	4.39	108	839	E2	35.44	765		765	E2	1,587	HON
		593	484	46	1,602	4.39	237	1,839	D2	35.44	1,676		1,676	D2	3,476	HON
		593	802	(33)	(1,149)	4.39	(170)	(1,319)	F2	35.44	(1,378)		(1,378)	F2	(2,697)	HON
		593	473	98	3,413	4.39	421	3,835	D2	35.44	3,571		3,571	D2	7,406	HON
				361	12,225		1,551	13,776			12,789		12,789		26,565	
		593	339	102	3,553	4.39	438	3,991	A2	35.44	3,717		3,717	A2	7,708	HON
		571	355	44	1,533	4.39	189	1,722	B2	35.44	1,603		1,603	B2	3,325	HON
		593	488	218	7,608	4.39	942	8,550	C2	35.44	7,960		7,960	C2	16,510	HON
		593	473	887	31,346	4.39	3,866	35,212	D2	35.44	32,472		32,472	D2	67,683	HON
		593	484	117	4,075	4.39	503	4,578	D2	35.44	4,260		4,260	D2	8,842	HON
		593	802	219	7,663	4.39	937	8,600	F2	35.44	7,944		7,944	F2	16,474	HON
		593	473	58	2,020	4.39	249	2,270	D2	35.44	2,114		2,114	D2	4,383	HON
				1,667	58,347		6,925	65,272			60,571		60,571		125,843	

REFERENCE: HELCO-WP-601 DOCKET NO. 05-0315, PAGE 3 OF 5

Hawaii Electric Light Company Inc.
Rate Case Adjustments
Transmission and Distribution

Description	Reason For Adjustment	Account Number	Activity	Labor Hours	Labor Direct Labor $	Labor WPSM Rate	Labor WPSM $	Labor Burdened	Method	Non-Labor Energy Delivery Rate	Non-Labor Energy Delivery $	Non-Labor Energy	Non-Labor Burdened	Account Title	Total $	Ref
5 Reclassify misplaced indicator from MC to MZ for Rate Class. Change from Stores Clearing to O&M	Properly charge Donor labor days to O&M expenses for activity 402 in Hilo.	143	402	(60)	(30,873)	4.39	(3,457)	(31,873)	Stores Clearing	28.44	(30,200)		(30,200)	Stores Clearing	(60,730)	HOH
		500	402	60	30,873	4.39	3,457	31,873	03	28.44	30,200		30,200	03	60,730	HOH
				-	-		-	-			-		-		-	
6 Reclassify misplaced indicator from ME to MC for Stores Clearing.	Properly charge Donor labor days in Kona to Energy Delivery Clearing for activity 600, 642, 643, and 777	143	600	(211)	(7,249)	4.39	(947)	(8,196)	Customer Accounts	28.44	(7,000)		(7,000)	Customer Accounts	(15,249)	HOK
		184.00	600	211	7,249	4.39	947	8,196	Energy Delivery Clearing	28.44	-		-	Energy Delivery Clearing	8,196	HOK
				-	-		-	(8)			(7,000)		(7,000)		(7,000)	
7 Change from O&M to Energy Delivery Clearing								-								
		500	642	(60)	(1,672)	4.39	(263)	(1,672)	03	28.44	(1,706)		(1,706)	03	(3,427)	HOK
		184.00	642	60	1,672	4.39	263	1,672	Energy Delivery Clearing	28.44	-		-	Energy Delivery Clearing	1,672	HOK
				-	-		-	-			(1,706)		(1,706)		(1,706)	
								-								
		500	643	(340)	(12,177)	4.39	(1,488)	(13,677)	03	28.44	(12,840)		(12,840)	03	(25,017)	HOK
		184.00	643	340	12,177	4.39	1,488	13,677	Energy Delivery Clearing	28.44	-		-	Energy Delivery Clearing	13,677	HOK
				-	-		-	-			(12,840)		(12,840)		(12,840)	
								-								
		500	777	(340)	(8,249)	4.39	(1,003)	(9,249)	03	28.44	(8,748)		(8,748)	03	(16,137)	HOK
		184.00	777	340	8,249	4.39	1,003	9,249	Energy Delivery Clearing	28.44	-		-	Energy Delivery Clearing	9,249	HOK
				-	-		-	-			(8,748)		(8,748)		(8,748)	
								-								
8 Abandoned capital project costs written off to O&M expense.		505	357	-	-	4.39	-	-	01	28.44	-	171	171	01	171	HMO
		505	357	-	-	4.39	-	-	1	28.44	-	6,147	6,147	1	6,147	HMC
		505	357	-	-	4.39	-	-	16	28.44	-	1,497	1,497	16	1,497	HMK
		505	68	-	-	4.39	-	-	03	28.44	-	17,202	17,202	03	17,202	HMO
		505	68	-	-	4.39	-	-	2	28.44	-	91,867	91,867	2	91,867	HMC
		505	68	-	-	4.39	-	-	4	28.44	-	33,767	33,767	4	33,767	HMK
				-	-		-	-			-	151,651	150,651		150,651	
	Grand Total of all Adjustments			3,754	153,873		19,009	170,871			(34,248)	151,241	115,993		285,234	
	Rate of Return A1-A2: Transmission Operation							1,557					1,222		2,779	
	Rate of Return B1-B2: Transmission Maintenance							236					226		462	
	Rate of Return C1-C2: Distribution Operation							2,622					2,441		5,063	
	Rate of Return D1-D2: Distribution Maintenance							(3,689)					(3,352)		(6,952)	
	Rate of Return E1-E2: Distribution Maintenance							20,557					20,884		41,441	
	Rate of Return F1-F2: Distribution Operation							117					109		227	
	Rate of Return G1-G2: Distribution Operation							(34,357)					(5,914)		(40,271)	
	Rate of Return H: Transmission Operation							-					1,888		1,888	
	Rate of Return I: Transmission Operation							-					6,147		6,147	
	Rate of Return J: Distribution Operation							-					134,704		134,704	
	Rate of Stores Clearing							34,328					(29,298)		5,031	
	Rate of A&G Operations							(3,949)					(8,538)		(11,487)	
	Rate of Energy Delivery Clearing							10,517					-		10,517	
	Rate of Customer Accounts							(8,538)					(7,000)		(15,538)	
								170,871					115,993		285,234	

REFERENCE HELCO-WP-601, DOCKET NO. 05-0315; PAGE 4 OF 5

Prod Whse BU		EE:150													
		Year: 2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
		1	0	160	184	160	184	176	168	184	168	176	176	168	1904
	Holiday		0	8	0	8	8	8	8	8	8	8	24	16	104
	Vacation		0	10	10	10	10	10	10	10	10	10	10	10	110
	Sick		0	4	5	5	5	5	5	5	5	5	5	5	54
	Balance		0	138	169	137	161	153	145	161	145	153	137	137	1636
	OT		0	40	40	40	40	40	40	40	40	40	40	40	440
	Balance		0	178	209	177	201	193	185	201	185	193	177	177	2076
	NPW		0	22	15	23	23	23	23	23	23	23	39	31	268
	Balance		0	200	224	200	224	216	208	224	208	216	216	208	2344
98		npw	0	22	15	23	23	23	23	23	23	23	39	31	268
360	Maint of Subst Trans Equip- Corr														
272															
364	Make Emerg Trans OH Line Rprs-Storm														
720	Improve Business Process														
722	Design, deploy & Assess Org Dev														
723	Manage & Admin Incentive Recog Programs														
749	Maint Rel w/ Ind , Prof, & Trade														
753	Maintain Relations with Community														
777	Process Payroll		0	3	3	3	3	3	3	3	3	3	3	3	33
788	Conduct Employee Training														
789	Attend Training		0	2	2	3	3	3	3	3	3	3	3	3	31
797	Attend Safety Training		0	2	2	2	2	3	3	3	3	3	3	3	29
	Manage Employee Relations		0	7	7	8	8	8	8	8	8	8	8	8	93
455	Dev & Maint Dist Oper Insp & Maint Proced														
475	Maint Dist														
478	Maint Dist UG Line Transf - Corr														
481	Maint Dist Oh Line Transf - Corr														
492	Dist. Tools & Equip.		0	20	20	20	20	20	20	20	20	20	20	20	220
500	Make Emerg Dist Oh Line Rep - Ext Party														
507	Make Emerg Dist OH Line -Storm														
511	Make Emerg Dist OH Line Trfrs Rep-Storm														
605	Manage														
841	Interview & Qualify New Suppliers Cont.														0
842	Order Materials, Eq., Supplies and Services		0	0	0	0	0	0	0	0	0	0	0	0	0
843															
850	Process Material & Transactions		0	149	180	147	171	162	154	170	154	162	146	146	1741
852	Recover Investment & Materials - Direct Charge		0	0	0	0	0	0	0	0	0	0	0	0	0
853	Perform Inventory Control for Materials		0	2	2	2	2	2	2	2	2	2	2	2	22
877															
931	Care of Buildings and Grounds														
950	Provide & Mnge Risk Mgmt Svcs- Liability														0
	Manage Materials & Outside Services		0	171	202	169	193	184	176	192	176	184	168	168	1983
		TOTAL	0	200	224	200	224	216	208	224	208	216	216	208	2344
			0	0	0	0	0	0	0	0	0	0	0	0	0

Account

184.030

163.00

CA-IR-1, PART b.
DOCKET NO. 05-0315
HELCO T-6
PAGE 205 OF 243

Account DH-CREW EE:150
Year 2006
31

				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 actuals	2000 actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
				5456	4960	5704	4960	5704	5456	5208	5704	5208	5456	5456	5208	64480						
	Holiday			248	248	0	248	248	248	248	248	248	248	744	496	3472						
	Vacation			333	333	333	333	333	333	333	333	334	334	334	334	4000						
	Sick			152	152	152	152	153	153	153	153	153	153	153	153	1832						
	Balance			4723	4227	5219	4227	4970	4722	4474	4970	4473	4721	4225	4225	55178						
	OT			1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	14798						
	Balance			5956	5460	6452	5460	6203	5955	5707	6203	5706	5954	5458	5458	69972						
	O&M		0.34	2025	1856	2194	1856	2109	2025	1940	2109	1940	2024	1856	1856	23790						
			npw	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
			total	2758	2589	2679	2589	2843	2759	2674	2843	2675	2758	3087	2839	33094						
	Capital		0.66	3931	3604	4258	3604	4094	3930	3767	4094	3766	3930	3602	3602	46182						
				6689	6193	6937	6193	6937	6689	6441	6937	6441	6689	6689	6441	79276						
184.03	39		npw	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
	720	Improve Business Processes																8	18	2		4
184.06	722	Design, Deploy & Assess Org Develop Strat		60	60	60	60	60	60	60	60	60	60	60	60	720			186.5	358	712	599
	730																					2.5
	749	Maintain Relations with Industry, Profession		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
																0						
	750	Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0	0		10	3	1.5	
926	753	Maintain Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24		4	14	28.5	9.5	10
		Manage Corporate Relations		62	62	62	62	62	62	62	62	62	62	62	62	744						
	767	Dev, Mngs & Admin Recruit Pol, Prac & Proced																	1			
	777	Process Payroll		0	0	0	0	0	0	0	0	0	0	0	0	0		6	195.5	298.5	269	153
	785	Plan for & Deter Emp Trainingin & Dev Needs														0			42	15.5	3	
926	786	Manage & Administer Apprenticeship Program		5	5	5	5	5	5	5	5	5	5	5	5	60	0			9.5	5	61
926	787	Develop Employee Training		2	0	2	0	2	0	2	0	2	0	2	0	12	136	8	26	4	1	
926	788	Conduct Employee Training		5	5	5	5	5	5	5	5	5	5	5	5	60	178.5	39.5	2	4	15.5	68
926	789	Attend Training		55	55	55	55	55	55	55	55	56	56	56	56	664	1298.33	644	528.5	423.5	210.5	253.5
	795	Dev, Mngs & Admin Safety Prog & Trng																181	4	83	17	12
925	797	Attend Safety Training		89	89	89	89	89	89	89	89	89	89	90	90	1070	1187.5	1078.5	802.8	386.5	513	237.5
	805	Negotiate BU & Other Training		0	0	0	0	0	0	0	0	0	0	0	0	0	62.5	8		2	30.5	6.5
	806	Admin & Participate in Labor Grievances														0		3		5	1	
	807	Manage & Provide Employee Communications		0	0	0	0	0	0	0	0	0	0	0	0	0	71		6		8	
		Manage Employee Relations		156	154	154	154	156	154	156	154	157	155	158	156	1868						
	841	Interview & Qualify New Suppliers Cont		0	0	0	0	0	0	0	0	0	0	0	0	0						
588	842	Order Materials, Eq., Supplies and Services		40	40	40	40	40	40	40	40	40	40	40	40	480	22	54	345	488.5	449.5	363.5
																0						
598	843	Process Invoices & Other Payments		34	34	34	34	34	34	34	34	34	34	34	34	408			254.5	348	409.75	318.5
	844	Prepa Mats																			1	
163	850	Process Materials & Transactions		10	10	10	10	10	10	10	10	10	10	10	10	120	786	1218.5	720.5	218	96	989.75
	877	Comply wongoing																			5.5	31.5
	899	Maintain Applications																2				
		Manage Materials & Outside Services		84	84	84	84	84	84	84	84	84	84	84	84	1008						
573	917	Maintain System & Equip-Telecom		1	1	1	1	1	1	1	1	1	1	1	1	12	42	6.5		6	2	0
				1	1	1	1	1	1	1	1	1	1	1	1	12						
	248	Perf Water Treatment & Analysis														0		328	G Alameda Trsf. To Prod.			

185. 442 Temp facilities 610
571. 315 H0000784 80
590. 415 E40SH112 2.52

	260	Maint Steam																	15	3
	263	Maint Stn Common Struct & Sys-Prev														4		24		
	272	Maint Comm																	12	31
	274	Maint Comm																	2	
	275	Maint Int Comm																	6	
	278																			386
	280	Maint Renew Energy & Rel Eq - Corr																25		5.5
	307	Manage Tr																	0	
	315	Construct Trans Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0			144	147.5	29
566	325	Develop & Maintain Trans, Oper, Inspect & Maint Procedure	3	3	3	3	3	3	3	3	3	3	3	3	36	0	25	17.5		
															0				37	
	326	Compile & Update Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	72	12.5	8	3	
562	327	Read analyze test tr data recording equip	1	1	1	1	1	1	1	1	1	1	1	1	12		15.5	24	11	
563	328	Perform Transmission Oh Line Inspection Prev/Predictive	48	48	48	48	48	48	48	48	48	48	48	48	576	118	247	295	379.5	572.5	240
															0						
	329	Perf Trans UG Line Inspection- Prev/Pred														6	17	19.5	8	57.5
563	331	Operate Transmission Facilities OH line	5	5	5	5	5	5	5	5	5	5	5	5	60	256	12	27.5	59.5	56.5	61.05
															0						
564	332	Operate Trans Facilities- UG Line	1	1	1	1	1	1	1	1	1	1	1	1	12			17	12.5	40
562	333	Operate Transmission Facilities-Substation	8	8	8	8	8	8	8	8	8	8	8	8	96		3	4	29.5	98	49.5
571	341	Test, Treat, Restore Wooden Trans Pole	3	3	3	3	3	3	3	3	3	3	3	3	36	2		16.5	27	35	30
															0						
571	342	Maintain Transmission Oh Line Preventative OH line	28	28	28	28	28	28	28	28	28	28	28	28	336	967.5	278.5	456.5	338	141.5	204.5
															0						
571	344	Maintain Transmission Oh Line-Corrective	13	13	13	13	13	13	13	13	13	13	13	13	156	224	39	187	84.5	108	154.95
572	345	Maint Trans UG Line - Preventive	6	6	6	6	6	6	6	6	6	6	6	6	72			8	29.5	24	87.5
572	347	Maintain Transmission UG line- Corrective	7	7	7	7	7	7	7	7	7	7	7	7	84	0			25.5	46	88
570	348	Maintain Substation Trans Equip- Preventive	20	20	20	20	20	20	20	20	20	20	20	20	240	190	31	28	286.5	41	189.5
															0						
570	350	Maintain Substation Trans Equip-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	144	0	102	22.5	165	23	68
569	351	Maint Subst Trans Structure - Preve	3	3	3	3	3	3	3	3	3	3	3	3	36			2	16	37	
	353	Maint Subst Trans Structure - Corr																	66.5		
571	355	Perform Vegetation Mgmt - Trans	13	13	13	13	13	13	13	13	13	13	13	13	156		122	230	230.5	143.5	126.5
571	360	Make Emergency Trans OH Line Rep-EXT Part	5	5	5	5	5	5	5	5	5	5	5	5	60			5	52.75	59	18
571	364	Make Emergency Trans UG line Repairs-Storm	16	16	16	16	16	16	16	16	16	16	16	16	192	54.25	79	174.5	57.5	47	386.5
															0						
	365	Make Emerg Trans UG Line Rprs-Storm													0		5			12	8.5
	367	Make Emerg Subst Trans Struct Rep-Storm															37				
		Operate & Maintain Trans Facilities	192	192	192	192	192	192	192	192	192	192	192	192	2304						

	400	Perform Distribution Planning Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	204.5	261	310.5	241.5	288	21
	402	Develop & Maintain Distribution Standards and Specs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DB				
	403	Engr & Design													0						
	406	Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	2				2	1.5
593	415	Construct Distribution Facilities	27	27	27	27	27	27	27	27	27	27	27	27	324	338	57.5	414	440.5	198	401.5
594	416	Construct Distribution Facilities UG Line	5	0											5	0		0			
	420	Manage Distribution Construction Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Plan, Engineer, Design, & Construct Dist.	32	27	27	27	27	27	27	27	27	27	27	27	329						
593	445	Repl/Upgrade Exist Res Facil-OH Line	74	74	74	74	74	74	74	74	74	74	74	74	888		21.5	404.25	867	887.5	614
594	446	Repl/Upgrade Exist Res Facil-UG Line	3	3	3	3	3	3	3	3	3	3	3	3	36		5.5	17	11	11	44
593	447	Repl/Upgrade Exist Comm-Facil OH	4	4	4	4	4	4	4	4	4	4	4	4	48		18	55.5	49.5	35	54
594	448	Repl/Upgrade Exist Comm	4	4	4	4	4	4	4	4	4	4	4	4	48	26	20	8	40.5	11	76
588	455	Develop & Maintain Distrib Operate Insp & Maint Proced	5	5	5	5	5	5	5	5	5	5	5	5	60	50		97	27	56.5	37
588	456	Compile & Update Distribution Maps & Prints	2	2	2	2	2	2	2	2	2	2	2	2	24	874.5	235.5	5	19	19	95.5
588	457	Read, analyze & test distribution data recording equipment	8	8	8	8	8	8	8	8	8	8	8	8	96	6	1	15	25.5	53	254.53
583	458	Perform Distribution OH line Inspection - Pred/Preventative	130	130	130	130	130	130	130	130	130	130	130	130	1560	1278	1654	1453	2041.5	869.17	647.5
584	459	Perform Distribution UG line Inspection - Pred /Preventative	6	6	6	6	6	6	6	6	6	6	6	6	72	621.5	24	0	22.5	37.5	104
583	461	Operate Distribution Facilities-OH	41	41	41	41	41	41	41	41	41	41	41	41	492	17.5	130.5	69	137	490.55	228
584	462	Operate Distribution Facilities -UG	4	4	4	4	4	4	4	4	4	4	4	4	48	5		40.5	28	43.5	67
582	463	Operate Distribution Facilities- Substation	6	6	6	6	6	6	6	6	6	6	6	6	72	22.5		35.5	86	91.5	55.5
584	484	Coordinate & locate UG Facilities ((Toneouts)	5	5	5	5	5	5	5	5	5	5	5	5	60	157	53	3	44.5	65.5	71.5
	485	Test in-svc meter and rel equip													0		194.5	4			
592	470	Repair Distr Data Recording Equipment	3	3	3	3	3	3	3	3	3	3	3	3	36			8	17	34	
593	471	Test, Treat & Restore Wooden Distribution Pole	4	4	4	4	4	4	4	4	4	4	4	4	48	1	3	25	137	31.5	75
594	472	Test, Treat & replace distribution primary cable	40	40	40	40	40	40	40	40	40	40	40	40	480	139.5	386.5	272.5	275	487.5	101.5
593	473	Maintain Distribution oh lines-Prev	125	125	125	125	125	125	125	125	125	125	125	125	1500	751.75	1296	1097	1152	1334.32	1503.98
	474	Maint Distribution OH Lines - Pred															1.5				
593	475	Maintain Distribution Oh lines-Corr	260	98	433	87	348	266	180	341	179	265	94	98	2645	725.25	330.5	578	1061.5	1599.77	2829.35
594	476	Maintain Distribution UG lines-Prev	8	8	8	8	8	8	8	8	8	8	8	8	96	3	5	55.5	102.5	61	95.5
594	478	Maintain Distribution UG lines-Corr	40	40	40	40	40	40	40	40	40	40	40	40	480	339.5	295.5	339	752.5	348	265.5
595	479	Maintain Distribution Oh Line Transf- Prevent	10	10	10	10	10	10	10	10	10	10	10	10	120	254	15	50.5	138	108.8	178.5
595	481	Maintain Distribution Oh Line Transf-Correct	20	20	20	20	20	20	20	20	20	20	20	20	240	142	24.75	80.5	168	241.5	223
595	482	Maintain Distribution UG line transf. Preventative	15	15	15	15	15	15	15	15	15	15	15	15	180	107	6	13	221	14	38.3
595	484	Maintain Distribution UG line transf. Corrective	3	3	3	3	3	3	3	3	3	3	3	3	36	0	4	2	33	35	52.5
592	485	Maintain Substation Distribution Equipment Preventive	8	8	8	8	8	8	8	8	8	8	8	8	96	247.5	201.5	31	102.5	27	70.5
592	487	Maintain Substation Distribution Equipment-Corrective	8	8	8	8	8	8	8	8	8	8	8	8	96	282	19	57.5	117	38	168
591	488	Maint subst Dist Structure -Prev	4	4	4	4	4	4	4	4	4	4	4	4	48		16	4	28.5	48	68
591	490	Maint Subst Dist Structure - Corre	2	2	2	2	2	2	2	2	2	2	2	2	24			9	23.5	31.5	56.5
183	492	Maintain Distribution Tools & equip.	67	67	67	67	67	67	67	67	67	67	67	67	804	479	489.5	1352	731	798.48	981
593	494	Perform Vegetation Management- Distribution	95	95	95	95	95	95	95	95	95	95	95	95	1140	321.5	466.5	803.25	1171	1130.5	833.2

593 415 EY05H112
593 415 H0001262
594 416 EY05H112
594 416 ✓

284.76
38.00
1.26
14.94

Account																				
593.00	500 Make Emergency Dist Ch line Repairs- Caused by external party	80	80	80	80	80	80	80	80	80	80	80	80	960	184.5	265.75	418	805.5	536	834.4
594.00	501 Make Emergency up line repairs caused by external party	0	0	1										1	10					
595.00	505 Make Emergency Dist, up line transf, repairs- caused by external party	0	0	0	1	3	1							5	5		0			
593.00	507 Make Emergency Dist Ch line repairs- storm	113	113	113	113	113	113	113	113	113	113	113	113	1355	184	1288.5	658.5	481.5	970.5	2986.53
594.00	508 Make Emergency Dist, Up line repairs- storm	0	0	0	10	0	0	0	10	0	0	0	0	20	3	289.5	2	2	5.5	10
	509 Make Emergency Subst Dist													0	4					
	510 Make Emergency Subst Dist													0	2					
595.00	511 Make Emergency Dist, ch transf, repairs -storm	28	28	28	28	28	28	28	28	28	28	28	28	312	45.5	308	191.5	259	142.5	418.8
	512 Make Emergency Dist UG Line T/Pmr Rep-Storm													0						
	Operate & Maintain Distribution Facilities	1193	1031	1387	1531	1282	1209	1113	1284	1112	1198	1027	1029	13842		78	8			4
588.00	600 Respond to Customer Inquiries & Service	6	6	6	6	6	6	6	6	6	6	6	6	72	88.5	3432	709	252	73	70
586.00	601 Perform Meter Service Work	34	34	34	34	34	34	34	34	34	34	34	34	408	208	149	311.5	419	327.5	453
586.00	602 Perform Service Connection Work	172	172	172	172	172	172	172	172	172	172	172	172	2064	4063.5	1938.5	1387.5	1837.48	2073.25	1488
	603 Maint Meter Information Records															2				
	604 Maint Cust Account Information															4				
903.00	619 Perform Disconnect & Reconnect for Non-Pay	21	21	21	21	21	21	21	21	21	21	21	21	252	448.5	404.5	470.5	165.5	283	150
	Provide Customer Service - Regulated	233	233	233	233	233	233	233	233	233	233	233	233	2796						
	700 Develop & Admin Business Plans													0			8.5	5		
														0						
	931 Care for Buildings & grounds													0			4.5	14	5	
	932 Repair Buildings & Grounds													0		1		10	5	
	933 Provide & mgt Services - Security													0			1427.5			
	950 Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0.5	6.5	6.5	10	9.5
	953 Provide & Manage Risk Management Services Workers Comp	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			-4
	Manage & Control Risks & Loss	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Project Related O&M to be forecasted by Engr.	73	73	73	73	73	73	73	73	73	73	73	73	884					319.8	
	TOTAL	2758	2589	2870	2589	2943	2759	2624	2945	2875	2759	2587	2838	33304	10254.55	17242	17943.5	18768.73	18729.29	21859.62
		0	0	0	0	0	0	0	0	0	0	0	0	0						

March 1st rate case adj 4

allocation #9

(1)

DH-CREW EE:150
Year 2005
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Account			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 actuals	2000 actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
	Holiday		5458	4880	5704	4880	5704	5458	5208	5704	5208	5458	5458	5208	64480						
	Vacation		249	248	0	248	248	248	248	248	248	248	744	498	3472						
	Sick		333	333	333	333	333	333	333	334	334	334	334	334	4000						
	Balance		152	152	152	152	153	153	153	153	153	153	153	153	1832						
	OT		4722	4227	5219	4227	4870	4722	4474	4870	4475	4721	4225	4225	55178						
	Balance		1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	14798						
			5958	5480	6452	5480	6203	5955	5707	6203	5708	5954	5458	5458	69972						
	O&M	0.345	2055	1884	2226	1884	2140	2054	1888	2140	1888	2054	1883	1883	24141						
		new	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
		total	2788	2617	2711	2617	2874	2788	2623	2874	2704	2789	3114	2866	33445						
	Capital	0.655	3901	3578	4226	3578	4065	3901	3738	4063	3737	3900	3575	3575	45632						
			6689	6193	6937	6193	6937	6689	6441	6937	6441	6689	6689	6441	79277						
184.030	38	new	733	733	485	733	734	734	734	734	735	735	1231	983	9304						
184.060	720 Improve Business Processes																				
	722 Design, Deploy & Assess Org Develop Strat		60	60	60	60	60	60	60	60	60	60	60	60	720		4	16	2		4
	730																	108.5	358	712	599
	749 Maintain Relations with Industry, Profession		0	0	0	0	0	0	0	0	0	0	0	0	0	0					2.5
	750 Maintain Relations with Customers		0	0	0	0	0	0	0	0	0	0	0	0	0						
926.00	753 Maintain Relations with Community		2	2	2	2	2	2	2	2	2	2	2	2	24	0		10	3	1.5	
	Manage Corporate Relations		62	62	62	62	62	62	62	62	62	62	62	62	744		4	14	26.5	9.5	10
	767 Dev, Mngs & Admin Recruit Pol, Proc & Prevent																				
	777 Process Payroll		0	0	0	0	0	0	0	0	0	0	0	0	0			1			
	785 Plan for & Defer Empl Trainingin & Dev Needs																6	195.5	296.5	289	153
926.00	786 Manage & Administer Apprenticeship Program		5	5	5	5	5	5	5	5	5	5	5	5	60			42	15.5	3	
	787 Develop Employee Training		2	0	2	0	2	0	2	0	2	0	2	0	12	0			9.5	5	61
	788 Conduct Employee Training		5	5	5	5	5	5	5	5	5	5	5	5	60	138	8	28	4	1	
	789 Attend Training		55	55	55	55	55	55	55	55	55	55	55	55	660	178.5	39.5	2	4	15.5	50
	795 Dev, Mngs & Admin Safety Prog & Trng															1298.33	644	539.5	423.5	210.5	253.5
925.00	797 Attend Safety Training		60	60	60	60	60	60	60	60	60	60	60	60	720		181	4	63	17	12
	805 Negotiate BU & Other Training		0	0	0	0	0	0	0	0	0	0	0	0	0	1187.5	1078.5	822.5	346.5	513	237.5
	806 Admin & Participate in Labor Grievances															62.5	8		2	30.5	6.5
	807 Manage & Provide Employee Communications		0	0	0	0	0	0	0	0	0	0	0	0	0		3		5	1	
	Manage Employee Relations		126	124	126	124	126	124	126	124	127	126	126	126	1500	71		4		8	
586.00	841 Interview & Qualify New Suppliers Cont.		0	0	0	0	0	0	0	0	0	0	0	0	0						
	842 Order Materials, Eq., Supplies and Services		40	40	40	40	40	40	40	40	40	40	40	40	480	22	64	345	486.5	449.5	-383.5
598.00	843 Process Invoices & Other Payments		34	34	34	34	34	34	34	34	34	34	34	34	0 408			234.3	348	409.75	318.5
163.00	844 Prep& Mgt&																			1	
	850 Process Materials & Transactions		10	10	10	10	10	10	10	10	10	10	10	10	120	788	1216.5	720.5	219	95	989.75
	877 Comply w/ongoing																			6.5	31.5
	888 Maintain Applications																2				
	Manage Materials & Outside Services		84	84	84	84	84	84	84	84	84	84	84	84	1008						
573.00	917 Maintain Systems & Equip-Telecom		1	1	1	1	1	1	1	1	1	1	1	1	12	42	6.5		8	2	0
			1	1	1	1	1	1	1	1	1	1	1	1	12						
	248 Perf Water Treatment & Analysis														0		328 G Alternate Tvel. To Prod.				
	260 Maint Steam																			15	3
	263 Maint Stn Common Struct & Sys-Prev																4		24		
	272 Maint Comm																			12	31
	274 Maint Comm																			2	
	275 Maint Int Comm																			8	
	276																				366

ACCOUNT

	280 Maint Renew Energy & Rel Eq - Corr																			
	307 Manage Tr																	25		5.5
	315 Construct Trans Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0					0	
566.00 –	325 Develop & Maintain Trans. Oper, Inspect & Maint Procedure	3	3	3	3	3	3	3	3	3	3	3	3	36	0		25	144 17.5	147.5	29
	326 Compile & Update Trans	0	0	0	0	0	0	0	0	0	0	0	0	0					37	
562.00 –	327 Read analyze test tr data recording equip	1	1	1	1	1	1	1	1	1	1	1	1	12	72		12.5	8	3	
563.00 –	328 Perform Transmission OH Line Inspection Proof/Predictive	48	48	48	48	48	48	48	48	48	48	48	48	576	118	247	15.5 288	24 379.5	11 572.5	340
	329 Perf Trans UG Line Inspection- Proof/Pred													0						
563.00 –	331 Operate Transmission Facilities OH line	5	5	5	5	5	5	5	5	5	5	5	5	60	258	8 12	17 27.5	19.5 58.5	6 84.5	57.5 41.05
564.00 –	332 Operate Trans Facilities- UG Line	1	1	1	1	1	1	1	1	1	1	1	1	0 12				17	12.5	40
562.00 –	333 Operate Transmission Facilities-Substation	5	5	5	5	5	5	5	5	5	5	5	5	60		3	4	29.5	98	49.5
571.00 –	341 Test, Treat, Restore Wooden Trans Pole	3	3	3	3	3	3	3	3	3	3	3	3	36	2		18.5	27	35	30
571.00 –	342 Maintain Transmission OH Line Preventative OH line	28	28	28	28	28	28	28	28	28	28	28	28	0 336	987.5	278.5	456.5	338	141.5	204.5
571.00 –	344 Maintain Transmission OH Line-Corrective	13	13	13	13	13	13	13	13	13	13	13	13	0 162	234	39	187	84.5	109	154.95
572.00 –	345 Maint Trans UG Line - Preventive	6	6	6	6	6	6	6	6	6	6	6	6	72			6	29.5	24	67.5
572.00 –	347 Maintain Transmission UG line- Corrective	7	7	7	7	7	7	7	7	7	7	7	7	84	0			25.5	46	88
570.00 –	348 Maintain Substation Trans Equip- Preventive	20	20	20	20	20	20	20	20	20	20	20	20	240	190	31	29	288.5	41	199.5
570.00 –	350 Maintain Substation Trans Equip-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	0 144	0	102	22.5	145	23	68
569.00 –	351 Maint Subst Trans Structure - Preve	3	3	3	3	3	3	3	3	3	3	3	3	36			2	16	37	
	353 Maint Subst Trans Structure - Corr																	88.5		
571.00 –	355 Perform Vegetation Mgmt - Trans	15	15	15	15	15	15	15	15	15	15	15	15	181		127	200	230.5	403.5	196.5
571.00 –	360 Make Emergency Trans OH Line Rep-EXT Part	5	5	5	5	5	5	5	5	5	5	5	5	60			5	52.75	98	18
571.00 –	364 Make Emergency Trans UG line Repairs-Storm	16	16	16	16	16	16	16	16	16	16	16	16	192	54.25	75	174.5	57.5	47	388.5
	365 Make Emerg Trans UG Line Rpirs-Storm													0 0		5			12	8.5
	367 Make Emerg Subst Trans Struct Rep-Storm															57				
	Operate & Maintain Trans Facilities	194	194	194	194	194	194	194	194	194	198	198	198	2332						
	400 Perform Distribution Planning Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	204.5	281	310.5	241.5	298	21
	402 Develop & Maintain Distribution Standards and Specs	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	OR				
	403 Engr & Design																		2	1.5
	408 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	2					8
593.00 –	415 Construct Distribution Facilities	27	27	27	27	27	27	27	27	27	27	27	27	324	338	57.5	414	440.5	198	401.5
594.00 –	416 Construct Distribution Facilities UG Line	5	0											5 0	0		0			
	420 Manage Distribution Construction Projects	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0					
	Plan, Engineer, Design, & Construct Dist.	32	27	27	27	27	27	27	27	27	27	27	27	329						

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ACCOUNT																					
593.00 –	445 Repl/Upgrade Exist Rev Fact-OH Line	74	74	74	74	74	74	74	74	74	74	74	74	888		21.5	404.25	887	887.5	614
594.00	446 Repl/Upgrade Exist Rev Fact-UG Line	3	3	3	3	3	3	3	3	3	3	3	3	36		5.5	17	11	11	44
593.00	447 Repl/Upgrade Exist Comm Fact OH	4	4	4	4	4	4	4	4	4	4	4	4	48		19	35.5	49.5	35	54
594.00	448 Repl/Upgrade Exist Comm	4	4	4	4	4	4	4	4	4	4	4	4	48	28	20	8	40.5	11	78
588.00 –	455 Develop & Maintain Distrib Operate Insp & Maint Project	5	5	5	5	5	5	5	5	5	5	5	5	60	50		97	27	58.5	37
588.00 –	456 Compile & Update Distribution Maps & Prints	2	2	2	2	2	2	2	2	2	2	2	2	24	874.5	235.5	5	19	19	95.5
586.00 –	457 Read, analyze & test distribution data recording equipment	8	8	8	8	8	8	8	8	8	8	8	8	96	6	1	15	25.5	53	254.53
583.00 –	458 Perform Distribution OH line Inspection - Pred/Preventative	134	134	134	134	134	134	134	133	133	133	133	133	1613	1276	1854	1453	2041.5	888.17	947.5
584.00 –	459 Perform Distribution UG line Inspection - Pred /Preventative	6	6	6	6	6	6	6	6	6	6	6	6	72	821.5	24	0	22.5	37.5	104
583.00 –	461 Operate Distribution Facilities-OH	41	41	41	41	41	41	41	41	41	41	41	41	492	17.5	130.5	68	137	490.55	239
584.00 –	462 Operate Distribution Facilities -UG	4	4	4	4	4	4	4	4	4	4	4	4	48	5		40.5	26	43.5	67
592.00 –	463 Operate Distribution Facilities- Substation	6	6	6	6	6	6	6	6	6	6	6	6	72	32.5		35.5	98	91.5	53.5
584.00	464 Coordinate & locate UG Facilities ((Telecom)	5	5	5	5	5	5	5	5	5	5	5	5	60	157	53	3	44.5	65.5	71.5
	465 Test in-svc meter and rel equip													0						
592.00 –	470 Repair Distr Data Recording Equipment	3	3	3	3	3	3	3	3	3	3	3	3	36		194.5	4			
593.00 –	471 Test, Treat & Restore Wooden Distribution Pole	4	4	4	4	4	4	4	4	4	4	4	4	48	1	3	8	17	34	
594.00 –	472 Test, Treat & replace distribution primary cable	40	40	40	40	40	40	40	40	40	40	40	40	480	139.5	388.5	272.5	275	487.5	101.5
593.00 –	473 Maintain Distribution oh lines-Prev	133	133	133	133	133	133	133	133	133	133	134	134	1599	751.75	1299	1087	1152	1334.32	1503.98
	474 Maint Distribution OH Lines - Pred															13				
593.00 –	475 Maintain Distribution Oh lines-Corr	275	111	449	88	300	278	192	354	160	278	101	101	2785	725.25	330.5	578	1081.5	1589.77	2829.35
594.00 –	476 Maintain Distribution UG lines-Prev	8	8	8	8	8	8	8	8	8	8	8	8	96	3	5	55.5	102.5	61	95.5
594.00 –	478 Maintain Distribution UG lines-Corr	40	40	40	40	40	40	40	40	40	40	40	40	480	336.5	295.5	339	752.5	348	265.5
595.00 –	479 Maintain Distribution OH Line Transf- Prevent	10	10	10	10	10	10	10	10	10	10	10	10	120	254	15	50.5	138	109.5	178.5
595.00 –	481 Maintain Distribution OH Line Transf-Correct	20	20	20	20	20	20	20	20	20	20	20	20	240	142	24.75	80.5	188	241.5	225
595.00 –	482 Maintain Distribution UG line transf. Preventative	15	15	15	15	15	15	15	15	15	15	15	15	180	107	8	13	221	14	38.3
595.00 –	484 Maintain Distribution UG line transf. Corrective	3	3	3	3	3	3	3	3	3	3	3	3	36	0	4	2	33	35	52.5
592.00 –	485 Maintain Substation Distribution Equipment Preventive	8	8	8	8	8	8	8	8	8	8	8	8	96	247.5	201.5	31	102.5	27	70.5
592.00 –	487 Maintain Substation Distribution Equipment-Corrective	8	8	8	8	8	8	8	8	8	8	8	8	96	262	10	57.5	117	38	168
591.00 –	488 Maint subst Dist Structure -Prev	4	4	4	4	4	4	4	4	4	4	4	4	48		10	4	20.5	48	68
591.00 –	490 Maint Subst Dist Structure - Corr	2	2	2	2	2	2	2	2	2	2	2	2	24			9	23.5	21.5	58.5
163.00 –	492 Maintain Distribution Tools & equip.	68	68	68	68	68	68	68	68	68	68	68	68	825	479	439.5	1352	731	798.48	981
593.00	494 Perform Vegetation Management- Distribution	99	99	99	99	99	99	99	99	99	99	99	99	1188	321.5	468.5	833.25	1171	1130.6	833.3
593.00 –	500 Make Emergency Dist Oh line Repairs-Caused by external party	50	50	50	50	50	50	50	50	50	50	50	50	600	184.5	383.75	416	805.5	538	634.4
594.00 –	501 Make Emergency ug line repairs caused by external party	0	0	1										0	15					
595.00 –	505 Make Emergency Dist. ug line transf. repairs- caused by external party	0	0	0	1	3	1							5	5		0			
593.00 –	507 Make Emergency Dist Oh line repairs- storm	113	113	113	113	113	113	113	113	113	113	113	113	1356	164	1269.5	658.5	481.5	970.5	2988.53
594.00 –	508 Make Emergency Distr. Ug line repairs- storm	0	0	0	10	0	0	0	10	0	0	0	0	20	3	388.5	2	2	5.5	10
	509 Make Emergency Subst Dist													0	4					
	510 Make Emergency Subst Dist													0	2					
595.00 –	511 Make Emergency Distr. oh transf. repairs -storm	28	28	28	28	28	28	28	28	28	28	28	28	336	46.5	308	151.5	298	142.5	419.5
	512 Make Emergency Dist UG Line Trfmr Rep-Storm													0		76	8			4
	Operate & Maintain Distribution Facilities	1224	1088	1400	1085	1314	1230	1143	1319	1143	1226	1084	1084	14227						

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ACCOUNT																			
588.10 –	600 Respond to Customer Inquiries & Service	6	6	6	6	6	6	6	6	6	6	6	6	72	69.5	2432	709	252	73	70
586.10 –	601 Perform Meter Service Work	34	34	34	34	34	34	34	34	34	34	34	34	408	208	148	311.5	419	327.5	403
586.10 –	602 Perform Service Connection Work	169	169	169	169	169	169	169	169	169	169	169	170	2029	4053.5	959.5	1387.5	1837.49	2073.25	1486
	603 Maint Meter Information Records															2				
	604 Maint Cust Account Information															4				
903.10 –	619 Perform Disconnect & Reconnect for Non-Pay	21	21	21	21	21	21	21	21	21	21	21	21	252	449.5	404.5	470.5	185.5	260	150
	Provide Customer Service - Regulated	230	230	230	230	230	230	230	230	230	230	230	231	2761						
	700 Develop & Admin Business Plans													0			8.5	5		
														0						
	931 Care for Buildings & grounds													0			4.5	14	5	
	932 Repair Buildings & Grounds													0		1		10	5	
	933 Provide & mgt Services - Security													0			1427.5			
	950 Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0.5	8.5	8.5	10	9.5
	953 Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			4
	Workers Comp																			
	Manage & Control Risks & Loss	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Project Retired O&M to be forecasted by Engr.	72	72	72	72	72	72	72	72	72	72	72	72	864					316.5	
	TOTAL	2769	2817	2711	2817	2874	2786	2703	2874	2704	2769	3114	2988	33445	18254.58	17242	17542.5	16765.73	16729.29	21859.62
		0	0	0	0	0	0	0	0	0	0	0	0	0						

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24-Ti's Sht 7hlp.

(2)

DH-CREW EE 150 Year 2006 31

ACCOUNT			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 actuals	2000 actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
			19						91												
	Holiday		5104	4640	5336	4640	5336	5104	5208	5104	5208	5408	5408	5208	62400						
	Vacation		232	232	0	232	232	232	248	248	248	248	744	496	3392						
	Sick		333	330	330	333	330	330	333	333	334	334	334	334	3998						
	Balance		152	152	152	153	153	153	153	153	153	153	153	153	1832						
	OT		4397	3826	4354	3823	4621	4369	4474	4370	4473	4721	4225	4225	53188						
	Balance		1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	1233	14798						
			5820	5158	6087	5158	5854	5822	5707	6203	5706	5954	5458	5458	67984						
	O&M	0.345	1939	1780	2100	1779	2020	1940	1969	2140	1988	2054	1883	1883	23458						
		npw	717	714	482	717	715	715	734	734	735	735	1231	983	9212						
		total	2656	2494	2582	2496	2735	2656	2703	2874	2704	2789	3114	2866	32670						
	Capital	0.655	3681	3379	3887	3377	3834	3882	3738	4063	3737	3900	3575	3575	44530						
			6337	5873	6569	5873	6569	6537	6441	6937	6441	6689	6689	6441	77198						
184.030	98	npw	717	714	482	717	715	715	734	734	735	735	1231	983	9212						
184.060	720 Improve Business Processes																				
	722 Design, Deploy & Assess Org Develop Strat	60	60	60	60	60	60	60	60	60	60	60	60	720		0	18	2			4
	730																198.5	358	712		599
	749 Maintain Relations with Industry, Profession	0	0	0	0	0	0	0	0	0	0	0	0	0	0						2.5
926.00	750 Maintain Relations with Customers	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	753 Maintain Relations with Community	2	2	2	2	2	2	2	2	2	2	2	2	0	0			18	3	1.5	
	Manage Corporate Relations	62	62	62	62	62	62	62	62	62	62	62	62	24	24		4	14	20.5	8.5	10
	767 Dev, Mngs & Admin Recruit Pol, Proc & Proced													744							
	777 Process Payroll	0	0	0	0	0	0	0	0	0	0	0	0	0				1			
	785 Plan for & Deter Emp Training & Dev Needs													0		0	195.5	298.5	299		153
926.00	786 Manage & Administer Apprenticeship Programs	5	5	5	5	5	5	5	5	5	5	5	5	0			42	15.5	3		
	787 Develop Employee Training	2	0	2	0	2	0	2	0	2	0	2	0	60	0			9.5	5		61
	788 Conduct Employee Training	5	5	5	5	5	5	5	5	5	5	5	5	12	138	0	20	4	1		
	789 Attend Training	52	52	52	52	53	53	55	55	55	55	55	55	60	178.5	38.5	3	4	19.5		65
	795 Dev, Mngs & Admin Safety Prog & Trng													649	1288.33	844	535.5	423.5	210.5		235.5
925.00	797 Attend Safety Training	83	83	83	83	84	84	85	85	85	85	85	85			191	4	63	17		12
	805 Negotiate BU & Other Training	0	0	0	0	0	0	0	0	0	0	0	0	1000	1187.5	1078.5	602.5	388.5	513		237.5
	806 Admin & Participate in Labor Grievances													0	62.5	0		2	30.5		6.5
	807 Manage & Provide Employee Communications	0	0	0	0	0	0	0	0	0	0	0	0	0		3		8	1		
	Manage Employee Relations	147	145	147	145	149	147	156	154	157	155	156	156	1818	71		0		0		
588.00	841 Interview & Qualify New Suppliers Cont.	0	0	0	0	0	0	0	0	0	0	0	0	0							
	842 Order Materials, Eq., Supplies and Services	40	40	40	40	40	40	40	40	40	40	40	40	480	22	64	345	488.5	449.5		353.5
598.00	843 Process Invoices & Other Payments	34	34	34	34	34	34	34	34	34	34	34	34	0 408			254.5	349	408.75		318.5
	844 Prep& Mail																		1		
163.00	850 Process Materials & Transactions	10	10	10	10	10	10	10	10	10	10	10	10	120	788	1218.5	720.5	216	98		949.75
	877 Comply w/regulations																		6.5		31.5
	888 Maintain Agreements															2					
	Manage Materials & Outside Services	84	84	84	84	84	84	84	84	84	84	84	84	1008							
573.00	917 Maintain System & Equip-Telecom	1	1	1	1	1	1	1	1	1	1	1	1	12	42	6.5		6	2		0
		1	1	1	1	1	1	1	1	1	1	1	1	12							

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ACCOUNT																				
	248 Perf Water Treatment & Analysis													0		326 G Alameda Trsf To Prod.				
	280 Maint Steam																		15	3
	283 Maint Str Common Struct & Sys-Prev															4		24		
	272 Maint Comm																		12	31
	274 Maint Comm																		2	
	275 Maint Ins Comm																		6	
	276																			380
	280 Maint Renew Energy & Ref Eq - Corr																	25		5.5
	307 Manage Tr																		0	
	315 Construct Trans Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0				144	147.5	29
566.00	325 Develop & Maintain Trans. Oper, Inspect & Maint Procedure	3	3	3	3	3	3	3	3	3	3	3	3	36	0		25	17.5		
	326 Compile & Update Trans	0	0	0	0	0	0	0	0	0	0	0	0	0					37	
562.00	327 Read analyze test tr data recording equip	1	1	1	1	1	1	1	1	1	1	1	1	0	72		12.5	6	3	
563.00	328 Perform Transmission OH Line Inspection Prev/Predictive	48	48	48	48	48	48	48	48	48	48	48	48	12			15.6	24	11	
	329 Perf Trans UG Line Inspection- Prev/Pred													588	119	247	285	379.5	572.5	240
563.10	331 Operate Transmission Facilities OH Ins	5	5	5	5	5	5	5	5	5	5	5	5	0		6	17	19.5	6	57.5
564.00	332 Operate Trans Facilities- UG Line	1	1	1	1	1	1	1	1	1	1	1	1	60	256	13	37.5	59.5	59.5	91.05
562.00	333 Operate Transmission Facilities-Substation	6	6	6	6	6	6	6	6	6	6	6	6	0				17	12.5	40
571.00	341 Test, Treat, Restore Wooden Trans Pole	3	3	3	3	3	3	3	3	3	3	3	3	12		3	4	29.5	68	49.5
571.00	342 Maintain Transmission OH Line Preventative OH line	28	28	28	28	28	28	28	28	28	28	28	28	36	2		16.5	27	35	30
571.00	344 Maintain Transmission OH Line-Corrective	13	13	13	13	13	13	13	13	13	13	13	13	0	567.5	279.5	459.5	338	141.5	204.5
572.00	345 Maint Trans UG Line - Preventive	6	6	6	6	6	6	6	6	6	6	6	6	156	324	39	167	84.5	108	154.95
572.00	347 Maintain Transmission UG line- Corrective	7	7	7	7	7	7	7	7	7	7	7	7	72			8	29.5	24	87.5
570.00	348 Maintain Substation Trans Equip- Preventive	20	20	20	20	20	20	20	20	20	20	20	20	84	0			75.5	48	88
570.00	350 Maintain Substation Trans Equip-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	240	190	31	26	288.5	41	169.5
569.00	351 Maint Subst Trans Structure - Prev	3	3	3	3	3	3	3	3	3	3	3	3	0						
	353 Maint Subst Trans Structure - Corr													144	0	102	22.5	165	23	68
571.00	358 Perform Vegetation Mgmt - Trans	6	6	6	7	7	7	15	15	15	15	15	15	36			2	19	37	
571.00	360 Make Emergency Trans OH Line Rep-EXT Part	5	5	5	5	5	5	5	5	5	5	5	5	180		132	230	68.5		
571.00	364 Make Emergency Trans UG line Repairs-Storm	16	16	16	16	16	16	16	16	16	16	16	16	60			5	230.5	143.6	128.5
	365 Make Emerg Trans UG Line Rpirs-Storm													192	94.25	79	174.5	53.75	75	75
	367 Make Emerg Subst Trans Struct Rep-Storm													0						
	Operate & Maintain Trans Facilities	183	183	183	184	184	184	194	194	194	196	196	196	0		5		57.5	47	388.5
														2388		37			12	9.5
	400 Perform Distribution Planning Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	204.5	281	210.5	341.5	208	21
	402 Develop & Maintain Distribution Standards and Specs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DB				
	403 Engr & Design													0					2	1.5
	408 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	2					8
593.00	415 Construct Distribution Facilities	27	27	27	27	27	27	27	27	27	27	27	27	324	338	57.5	414	440.5	198	401.5
594.00	416 Construct Distribution Facilities UG Line	0	0											0	0		0			
	420 Manage Distribution Construction Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Plan, Engineer, Design, & Construct Dist.	27	27	27	27	27	27	27	27	27	27	27	27	0						
														324						

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ACCOUNT																					
593.00	445 Repl/Upgrade Exist line Facil-OH Line	74	74	74	74	74	74	74	74	74	74	74	74	888		21.5	404.25	667	887.5	814	
594.00	446 Repl/Upgrade Exist line Facil-UG Line	3	3	3	3	3	3	3	3	3	3	3	3	36		5.5	17	11	11	44	
593.00	447 Repl/Upgrade Exist Comm-Facil OH	4	4	4	4	4	4	4	4	4	4	4	4	48		19	55.5	49.5	35	64	
594.00	448 Repl/Upgrade Exist Comm	4	4	4	4	4	4	4	4	4	4	4	4	48	28	20	5	40.5	11	76	
588.00	455 Develop & Maintain Distrib Operate Prep & Maint Proced	5	5	5	5	5	5	5	5	5	5	5	5	60	60		97	27	58.5	37	
	456 Compile & Update Distribution Maps & Prints	2	2	2	2	2	2	2	2	2	2	2	2	24	874.5	235.5	5	19	19	95.5	
586.00	457 Read, analyze & test distribution data recording equipment	8	8	8	8	8	8	8	8	8	8	8	8	96	8	1	15	25.5	53	254.53	
588.00	458 Perform Distribution OH line Inspection - Pred/Preventative	115	115	115	115	115	115	134	135	135	135	135	135	1499	1276	1954	1453	2041.5	669.17	947.5	
594.00	459 Perform Distribution UG line Inspection - Pred /Preventative	6	6	6	6	6	6	6	6	6	6	6	6	72	621.5	24	6	22.5	37.5	104	
583.00	461 Operate Distribution Facilities-OH	41	41	41	41	41	41	41	41	41	41	41	41	492	17.5	130.5	69	137	490.55	226	
584.00	462 Operate Distribution Facilities -UG	4	4	4	4	4	4	4	4	4	4	4	4	48	8		40.5	28	43.5	67	
582.00	463 Operate Distribution Facilities- Substation	6	6	6	6	6	6	6	6	6	6	6	6	72	22.5		35.5	68	91.5	55.5	
584.00	464 Coordinate & locate UG Facilities (Telecoms)	5	5	5	5	5	5	5	5	5	5	5	5	60	157	53	3	44.5	85.5	71.5	
	465 Test In-svc meter and rel equip													0							
592.00	470 Repair Distr Data Recording Equipment	3	3	3	3	3	3	3	3	3	3	3	3	36		194.5	4				
593.00	471 Test, Treat & Restore Wooden Distribution Pole	4	4	4	4	4	4	4	4	4	4	4	4	48	1	3	8	17	34		
594.00	472 Test, Treat & replace distribution primary cable	40	40	40	40	40	40	40	40	40	40	40	40	480	138.5	389.5	35	137	31.5	75	
593.00	473 Maintain Distribution oh lines-Prev	109	109	109	109	109	109	133	133	133	133	134	134	1452	791.75	1299	1097	1152	1334.32	1503.66	
	474 Maint Distribution OH Lines - Pred															1.5					
593.00	475 Maintain Distribution Oh lines-Corr	265	110	425	95	342	202	192	354	160	276	101	101	2709	725.25	330.5	678	1081.5	1998.77	2629.35	
594.00	476 Maintain Distribution UG lines-Prev	8	8	8	8	8	8	8	8	8	8	8	8	96	3	9	95.5	102.5	61	95.5	
594.00	478 Maintain Distribution UG lines-Corr	40	40	40	40	40	40	40	40	40	40	40	40	480	339.5	283.5	339	782.5	349	265.5	
595.00	479 Maintain Distribution Oh Line Transf- Prevent	10	10	10	10	10	10	10	10	10	10	10	10	120	254	15	60.5	138	108.5	178.5	
595.00	481 Maintain Distribution Oh Line Transf-Correct.	20	20	20	20	20	20	20	20	20	20	20	20	240	142	34.75	60.5	188	241.5	223	
595.00	482 Maintain Distribution UG line transf Preventative	15	15	15	15	15	15	15	15	15	15	15	15	180	107	6	13	221	14	38.3	
595.00	484 Maintain Distribution UG line transf. Corrective	3	3	3	3	3	3	3	3	3	3	3	3	36	0	4	2	33	35	52.5	
592.00	485 Maintain Substation Distribution Equipment Preventative	8	8	8	8	8	8	8	8	8	8	8	8	96	247.5	201.5	31	102.5	37	70.5	
592.00	487 Maintain Substation Distribution Equipment-Corrective	8	8	8	8	8	8	8	8	8	8	8	8	96	293	19	57.5	117	38	109	
591.00	488 Maint subst Dist Structure -Prev	4	4	4	4	4	4	4	4	4	4	4	4	48		16	4	29.5	48	68	
591.00	490 Maint Subst Dist Structure - Corr	2	2	2	2	2	2	2	2	2	2	2	2	24			9	23.5	31.5	30.5	
163.00	492 Maintain Distribution Tools & equip.	60	60	60	60	60	60	69	69	69	69	69	69	774	479	489.5	1352	731	798.48	681	
593.10	494 Perform Vegetation Management- Distribution	82	82	83	83	83	84	88	88	88	88	88	88	1081	321.5	488.5	603.25	1171	1130.5	633.2	
593.00	500 Make Emergency Dist Oh line Repairs-Caused by external party	50	50	50	50	50	50	50	50	50	50	50	50	600	184.5	388.75	410	605.5	539	634.4	
594.00	501 Make Emergency ug line repairs caused by external party	0	0	1										1	10						
595.00	505 Make Emergency Dist. up line transf repairs- caused by external party	0	0	0	1	3	1							5	5		0				
593.00	507 Make Emergency Dist Oh line repairs- storm	113	113	113	113	113	113	113	113	113	113	113	113	1356	104	1269.5	650.5	481.5	670.5	2969.53	
594.00	508 Make Emergency Distr. Ug line repairs- storm	0	0	0	10	0	0	0	10	0	0	0	0	20	3	259.5	2	2	5.5	10	
	509 Make Emergency Subst Dist													0	4						
	510 Make Emergency Subst Dist													0	2						
595.00	511 Make Emergency Distr. oh transf. repairs -storm	26	26	26	26	26	26	26	26	26	26	26	26	312	45.5	308	191.5	259	142.5	419.6	
	512 Make Emergency Dist UG Line Trfmr Rep-Storm													0		76	9			4	
	Operate & Maintain Distribution Facilities	1144	991	1200	669	1328	1147	1143	1318	1142	1228	1084	1084	13543							

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ACCOUNT																			
588.00 -	600 Respond to Customer Inquiries & Service	8	8	8	8	8	8	8	8	8	8	8	8	72	69.5	2432	708	252	73	70
586.00 -	601 Perform Meter Service Work	34	34	34	34	34	34	34	34	34	34	34	34	408	208	149	311.5	419	327.5	403
586.00 -	602 Perform Service Connection Work	154	154	154	154	154	155	169	169	169	169	169	170	1940	4053.5	959.5	1397.5	1807.48	2073.25	1480
	603 Maint Meter Information Records															2				
	604 Maint Cust Account Information															4				
903.00 -	619 Perform Disconnect & Reconnect for Non-Pay	21	21	21	21	21	21	21	21	21	21	21	21	252	449.5	404.5	470.5	185.5	260	150
	Provide Customer Service - Regulated	215	215	215	215	215	216	230	230	230	230	230	231	2872						
	700 Develop & Admin Business Plans													0			9.5	5		
														0						
	931 Care for Buildings & grounds													0			4.5	14	5	
	932 Repair Buildings & Grounds													0		1		10	6	
	933 Provide & Inge Services - Security													0			1427.5			
	950 Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0.5	6.5	6.5	10	9.5
	953 Provide & Manage Risk Management Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			-8
	Workers Comp																			
	Manage & Control Risks & Loss	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Project Related O&M to be forecasted by Engr.	72	72	72	72	72	72	72	72	72	72	72	73	864					319.5	
	TOTAL	2636	2494	2582	2496	2735	2855	2703	2874	2704	2789	3114	2886	32888	18254.58	17242	17542.5	18765.73	18729.29	21656.62
		0	0	0	0	0	0	0	0	0	0	0	0	0						

Account Dk-CREW EE:150
Year 2006

				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals		2000 Actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
			21	3696	3360	3864	3360	3864	3696	3528	3864	3528	3696	3696	3528	43680							
		Holiday		168	168	0	168	168	168	168	168	168	168	504	336	2352							
		Vacation		213	213	213	213	213	213	213	213	214	214	214	214	2560							
		Sick		98	98	98	98	99	99	99	99	99	99	99	99	1184							
		Balance		3217	2881	3553	2881	3384	3216	3048	3384	3047	3215	2879	2879	37584							
		OT		916	916	916	916	917	917	917	917	917	917	917	917	11000							
		Balance		4133	3797	4469	3797	4301	4133	3965	4301	3964	4132	3796	3796	48584							
		O&M	0.3	1240	1139	1341	1139	1290	1240	1190	1290	1189	1240	1139	1139	14576							
			npw	479	479	311	479	480	480	480	480	481	481	817	649	6096							
			total	1719	1618	1652	1618	1770	1720	1670	1770	1670	1721	1956	1788	20672							
		Capital	0.7	2893	2658	3128	2658	3011	2893	2776	3011	2775	2892	2657	2657	34009							
				4612	4276	4780	4276	4781	4613	4446	4781	4445	4613	4613	4445	54681							
184.03	98	NC	npw	479	479	311	479	480	480	480	480	481	481	817	649	6096							
	98	NE EE108		0	0	0	0	0	0	0	0	0	0	0	0	0	HUGH SAPP						
	700	Develop & Admin Business Plans																					
	720	Improve Business process		0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	212.5	6 220.92	170.5	135	6	
	722	Design Deploy & Assess Org Strategies		0	0	0	0	0	0	0	0	0	0	0	0	0						5 6	19
	750	Maintain Relations with Customers																	7			5	
928	753	Maintain Relations		1	1	1	1	1	1	1	1	1	1	1	1	12	5		14	0	12	8	5
580	767	Dev, Mge & Admin Safety Prog & Trng		2	2	2	2	2	2	2	2	2	2	2	2	24						27	
588	777	Process Payroll		20	20	20	20	20	20	20	20	20	20	20	20	240	18.5		263.5	185	122.5	191	251
926	786	Manage & Administer Apprenticeship Program		3	3	3	3	3	3	3	3	3	3	3	3	36							32
	787	Develop Employee Training														0			5		8	1	
926	788	Conduct Employee Training		4	4	4	4	4	4	4	4	4	4	4	4	48						43	49
926	789	Attend Training		37	37	37	37	37	37	37	37	38	38	38	38	449	158		127.5	218	335.5	414.5	840.5
925	795	Dev, Mge & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12			5.83	10	25.5	12.5	2
925	797	Attend Safety Training		62	62	62	62	62	62	62	62	62	62	63	63	746	240		349.17	459	271	358.5	236.25
588	805	Negotiate BU & Other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	29		1	0		21	
588	806	Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24			35	17	15	22	20
926	807	Manage & Provide Employee Communications		4	4	4	4	4	4	4	4	4	4	4	4	48	55.33		24	0	21.5	41.5	
588	842	Order Matls & Equip		4	4	4	4	4	4	4	4	4	4	4	4	48	9		7	0		5	41
588	843	Process Invoice & Other		29	29	29	29	29	29	29	29	29	29	29	29	348	210		295	182.5	123.5	244	349
	844	Prep & Maintain		0	0	0	0	0	0	0	0											221	381.5
	877																						78
	899	Maintain Applications																	5				
		Manage Employee Relations		169	169	169	169	169	169	169	169	170	170	171	171	2034							
	272	Maint Combust Turbine														-				0	35.5		
	300	Perform Tran																				11.08	
571	315	Construct Trans Facilities		12	12	12	12	12	12	12	12	12	12	12	12	144	32		15	102	59.25	141.5	43.5
	320	Manage Trans. Construct Projects														0							
		Plan, Engineer, Design, Construct, Trans.		12	12	12	12	12	12	12	12	12	12	12	12	144							
																0							
	325	Develop & Maintain Trans. Oper, Inspect &														0				-		1	2.5
		Maint Procedure														0							
	326																						19.5
563	328	Perform Transmission On Line Inspection		27	27	27	27	27	27	27	27	27	27	27	27	324	50		51.83	197.42	110	162.25	271
		Prev/Predictive														0							
	329																						1.5
	331	Operate Transmission Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0			90				16.5
		OH line														0							
	332	Operate Tran																				5	
	333																						1
	340	Repair Trans Data Rec Eq																		10			

	340 Repair Trans Data Rec Eq																10			
	341 Test, Treat, Restore Wooden Trans Pole													0		3				
														0						
571	342 Maintain Transmission OH Line Preventative OH line	5	5	5	5	5	5	5	5	5	5	5	5	60	158	21.5	96	16	63	8.5
														0						
571	344 Maintain Transmission OH Line-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	144	27.67	62	69		150	59.5
	347 Maintain Transmission UG line- Corrective													0						
570	348 Maintain Substation Trans Equip- Preventive	2	2	2	2	2	2	2	2	2	2	2	2	24		6	15.5		16	
														0						
570	350 Maintain Substation Trans Equip-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60			3.67		63.5	8.5
	351 Maint Substation Trans Structure- Prev													0		4.5				
	353																			3
571	355 Trans Vegetation Management	6	6	6	6	6	6	6	6	6	6	6	6	72		58.5	37	39	28	74.25
571	360 Make Emergency Trans OH	3	3	3	3	3	3	3	3	3	3	3	3	36	15.3	23	10.45	2	32	21
	364 Make Emergency Trans UG line Repairs- Storm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0		129.75
														0						
														0						
	Operate & Maintain Trans Facilities	60	60	60	60	60	60	60	60	60	60	60	60	720						
	402 Develop & Maintain Distribution Standards and Specs													0		16	0	6		
														0						
	403 Engr & Design Dist Facilities																10		3	4
	404 Engr & Design Dist Facilities																		72	2
	406 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	244.5				8	13
593	415 Construct Dist Facilities	49	49	49	49	49	49	49	49	49	49	49	49	588	130	953	334	276.5	598.08	588.25
	416 Construct Distribution Facilities UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0	141 215	143		1		
														0						
	417																			4.5
	420 Manage Distribution Construction Projects													0						
														0						
	Plan, Engineer, Design, & Construct Dist.	49	49	49	49	49	49	49	49	49	49	49	49	588						
593	445 Replace/Upgrade Existing	15	15	15	15	15	15	15	15	15	15	15	15	180	151.08	69	48.5	189.67	178.25	153.5
594	446 Replace/Upgrade Existing	1	1	1	1	1	1	1	1	1	1	1	1	12	59	46.75	12	13	0	
593	447 Replace/Upgrade Exist Comm	6	6	6	6	6	6	6	6	6	6	6	6	72	14	41.5	12	6.5	22	83
594	448 Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	22	6	16	52	29	14
588	455 Develop & Maintain Distrib Operate Insp & Maint Proced	49	49	49	49	49	49	49	49	49	49	49	49	588	419.5	45	0	18	436.5	592.5
														0						
588	456 Compile & Update Distribution Maps & Prints	39	39	39	39	39	39	39	39	39	39	39	39	468	32	34		832	5	469.5
														0						
588	457 Read, analyze & test distribution data recording equipment	5	5	5	5	5	5	5	5	5	5	5	5	60	127.5	100	69	22	62	67
														0						
583	458 Perform Distribution OH line Inspection - Pred/Preventative	58	58	58	58	58	58	58	58	58	58	58	58	696	324.38	484.88	272.41	310.02	102.5	497.75
														0						

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1.42

584	459	Perform Distribution UG line Inspection - Pred /Preventative	24	24	24	24	24	24	24	24	24	24	24	24	288	169.93	280.25	161.92	250.5	91.5	295.5
															0						
582	460	Perform Dist Subst Struct	2	2	2	2	2	2	2	2	2	2	2	2	24	19					
583	461	Operate Distribution Facilities-OH	5	5	5	5	5	5	5	5	5	5	5	5	60		21.92	8	302.25	10.5	57.25
584	462	Operate Distribution Facilities -UG	3	3	3	3	3	3	3	3	3	3	3	3	36	102.41	55	8	114.5	4	32.5
582	463	Operate Distribution Facilities- Substation	3	3	3	3	3	3	3	3	3	3	3	3	36		10	7.5	9		36.5
584	464	Coordinate & locate UG Facilities ((Toneouts)	8	8	8	8	8	8	8	8	8	8	8	8	96	65	50	58	27	14	100
															0						
	470	Repair Distr Data Recording Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			4	4.5
593	471	Test, Treat & Restore Wooden Distribution Pole	1	0	0	0	0	0	1	1	0	0	0	0	3	1	1				
															0						
594	472	Test, Treat & replace distribution primary cable	80	80	80	80	80	80	80	80	80	80	80	80	960	405.75	450.92	258	548.08	955.5	475.17
															0						
593	473	Maintain Distribution oh lines-Prev	14	14	14	14	14	14	14	14	14	14	14	14	168	342.92	354.25	103.25	71.83	112.75	168.5
	474	Maintain Distribution Oh Lines													0	2					
593	475	Maintain Distribution Oh lines-Corr	183	183	183	183	183	183	183	183	183	183	183	183	2196	496.36	391.64	805.12	847.79	887.62	2199.84
594	476	Maintain Distribution UG lines-Prev	7	7	7	7	7	7	7	7	7	7	7	7	84	157.83	59.43	7	17	19.75	75.5
594	478	Maintain Distribution UG lines-Corr	150	150	150	150	150	150	150	150	150	150	150	150	1800	888.38	1081.61	585.5	1177.17	1415.83	1871.58
595	479	Maintain Distribution Oh Line Transf- Prevent	1	1	1	1	1	1	1	1	1	1	1	1	12	57	4	18	4.9	21	4
595	481	Maintain Distribution Oh Line Transf-Correct	4	4	4	4	4	4	4	4	4	4	4	4	48	32.18	57.5	31.5	58.5	49	18.5
595	482	Maintain Distribution UG line transf. Preventative	1	1	1	1	1	1	1	1	1	1	1	1	12	26.5	42.5	8	17	0	10.25
															0						
595	484	Maintain Distribution UG line transf. Corrective	4	4	4	4	4	4	4	4	4	4	4	4	48	52.5	5.33	17	4	54	30.5
															0						
592	485	Maintain Substation Distribution Equipment Preventive	4	4	4	4	4	4	4	4	4	4	4	4	48	83.5	30.5	30.5	79	16.17	53
															0						
592	487	Maintain Substation Distribution Equipment- Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60	5	30.5	29	68.5	62.67	49.5
															0						
	488	Maint Subst Dist Equip - Prev																11.5			
	490																				4
	492	Maintain Distribution Tools & equip.													0		24	4		4	107.25
	493	Maint Curb & Street Lightning Facilities															9				
593	494	Perform Vegetation Management- Distribution	30	30	30	30	30	30	30	30	30	30	30	30	360	801.37	456.7	305.5	358.5	217.15	268.75
593	500	Make Emergency Dist Oh line Repairs- Caused by external party	20	20	20	20	20	20	20	20	20	20	20	20	240	98.85	153.02	157.8	181.49	174.58	235.75
															0						
	501	Make Emergency ug line repairs caused by external party													0	3.5					
															0						
	505	Make Emergency Dist. ug line transf repairs- caused by external party													0	0					
															0						
															0						
593	507	Make Emergency Dist Oh line repairs- storm	63	63	63	63	63	63	63	63	63	63	63	63	756	32.97	5.33	561.64	472.25	444.25	1236.75
															0						
	508	Make Emergency Distr. Ug line repairs- storm													0	0	3.5	69.17		2.75	50.5
															0						
595	511	Make Emergency Distr. oh transf. repairs -storm							1	19	19	19			58	24	339.55	4	23.17	58	170.5
															0						
		Operate & Maintain Distribution Facilities	787	786	786	786	786	786	789	806	805	805	786	786	9493						

594 416 40001146

141.00

903	600 Respond to Customer Inquiries & Svc Requests	72	53	72	53	72	72	72	72	72	72	51	51	784	301.75	354.89	441.34	423.33	385.33	873
586	601 Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	91.27	68.58	117.12	89.84	67.5	57
586	602 Perform Service Connection Work	81	0	183	0	132	82	30	112	11	62	0	0	693	20.5	208.5	414.74	270.91	423.33	641.33
	603 Maintain Meter Info Records																1			
	618 Manage																		10	
903	619 Perform Disconnects & reconnects for non-pay	3	3	3	3	3	3	3	3	3	3	3	3	36	26	82.5	70	89.9	38	18
	Provide Customer Service - Regulated	161	61	263	61	212	162	110	192	91	142	59	59	1573						
573	917 Maintain System & Equip- Telecomm																13		7.5	
588	931 Care for buildings & Grounds	2	2	2	2	2	2	2	2	2	2	2	2	24		9	2	32	10	348
	932 Repair Building & Grounds																15	100	2	
598	950 Provide & Mnge Risk Mgmt Svcs- Liability															23.5	9	9	3	7.5
	953 Provide & Manage Risk Management Services Workers Comp													0						
	Manage & Control Risks & Loss	2	2	2	2	2	2	2	2	2	2	2	2	24						
	Project Related O&M to be forecasted by Engr.	0	0	0	0	0	0	0	0	0	0	0	0	0				97	58	
	TOTAL	1719	1818	1652	1618	1770	1720	1670	1770	1670	1721	1956	1788	~~20912~~	6580.73	8341.8	6886.05	8606.25	9441.54	14949.17
		0	0	0	0	0	0	0	0	0	0	0	0	0						

20913

Mech1 rate case adj 4

allocation.

DI-CREW EE:150
Year 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
	21	3698	3698	3698	3698	3698	3698	3528	3698	3528	3698	3698	3528	43680						
Holiday		168	168	0	168	168	168	168	168	168	168	168	336	2352						
Vacation		213	213	213	213	213	213	213	213	214	214	214	214	2560						
Sick		99	99	99	99	99	99	99	99	99	99	99	99	1184						
Balance		3217	2887	3553	2901	3384	3216	3042	3384	3047	3215	2879	2879	37584						
OT		916	916	916	916	917	917	917	917	917	917	917	917	11000						
Balance		4133	3787	4469	3787	4301	4133	3965	4301	3964	4132	3796	3796	48584						
O&M	0.33	1384	1253	1475	1253	1419	1384	1308	1419	1308	1384	1253	1253	16033						
	rpw	479	479	311	479	480	480	480	480	481	481	617	649	6098						
	total	1843	1732	1786	1732	1899	1844	1788	1899	1789	1845	2070	1902	22129						
Capital	0.67	2768	2544	2684	2544	2802	2768	2657	2802	2656	2768	2543	2543	32551						
		4613	4276	4470	4276	4701	4613	4445	4701	4445	4613	4613	4445	54680						

ACCOUNT

184.030

99 NC	rpw	479	479	311	479	480	480	480	480	481	481	617	649	6098						
99 NE EE100		0	0	0	0	0	0	0	0	0	0	0	0	0	HXOH SAPP					
700 Develop & Admin Business Plans																	0			
720 Improve Business process		0	0	0	0	0	0	0	0	0	0	0	0	0	24.5 212.5	220.02	170.5	135	6	
722 Design Deploy & Assess Chg Strategies		0	0	0	0	0	0	0	0	0	0	0	0	0					6	16
750 Maintain Relations with Customers																7			5	
753 Maintain Relations		1	1	1	1	1	1	1	1	1	1	1	1	12	5	14	0	12	8	5
767 Dev, Mgt & Admin Safety Prog & Trng		2	2	2	2	2	2	2	2	2	2	2	2	24					27	
777 Process Payroll		20	20	20	20	20	20	20	20	20	20	20	20	240	18.5	263.5	185	122.5	191	251
786 Manage & Administer Apprenticeship Program		3	3	3	3	3	3	3	3	3	3	3	3	36						32
787 Develop Employee Training														0		5		5	1	
788 Conduct Employee Training		4	4	4	4	4	4	4	4	4	4	4	4	48					43	48
789 Attend Training		37	37	37	37	37	37	37	37	38	38	38	38	448	198	127.5	219	235.5	414.5	840.5
795 Dev, Mgt & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12		5.83	10	25.5	12.5	2
797 Attend Safety Training		62	62	62	62	62	62	62	62	62	62	63	63	746	240	349.17	459	271	356.5	238.25
805 Negotiate BU & Other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	29	1	0		21	
806 Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24		35	17	15	22	20
807 Manage & Provide Employee Communications		4	4	4	4	4	4	4	4	4	4	4	4	48	55.33	24	0	21.5	41.5	
842 Order Mats & Equip		4	4	4	4	4	4	4	4	4	4	4	4	48	9	7	0		5	41
843 Process Invoice & Other		29	29	29	29	29	29	29	29	29	29	29	29	348	210	295	182.5	123.5	244	349
844 Prep & Maintain		0	0	0	0	0	0	0	0										221	391.5
877																				76
888 Maintain Applications																5				
Manage Employee Relations		169	169	169	169	169	169	169	169	170	170	171	171	2034						
372 Maint Combust Turbine																	0	35.5		
300 Perform Tran																			11.08	
315 Construct Trans Facilities		12	12	12	12	12	12	12	12	12	12	12	12	144	32	15	102	59.25	141.5	43.5
326 Manage Trans, Construct Projects														0						
Plan, Engineer, Design, Construct, Trans,		12	12	12	12	12	12	12	12	12	12	12	12	144						

571.00

926.00 –
580.00 –
588.00 –
926.00 –
926.00 –
926.00 –
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598.00 –
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598.00 –

Month1 hrs cms adj 4

Account																				
	325 Develop & Maintain Trans. Oper. Indirect & Maint Procedure																			
	326																			
563.00	328 Perform Transmission Ch Line Inspection Prevent/Predictive	30	30	30	30	30	30	30	30	30	30	30	30	360	70	91.83	197.42	110	162.25	271
	329																			
	331 Operate Transmission Facilities OH line	0	0	0	0	0	0	0	0	0	0	0	0			10				10
	332 Operate Trans																			
	333																			
	340 Repair Trans Data Proc Eq																		5	
	341 Test, Treat, Restore Wooden Trans Pole																10			7
571.00	342 Maintain Transmission Ch Line Preventative OH line	5	5	5	5	5	5	5	5	5	5	5	5	60	700	3 / 21.3	90	70	83	6.5
↓	344 Maintain Transmission Ch Line-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	144	27.87	42	65		130	39.5
570.00	348 Maintain Substation Trans Equip Preventive	2	2	2	2	2	2	2	2	2	2	2	2	24		0	15.5		10	
570.00	350 Maintain Substation Trans Equip-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60		4.5	3.67		63.5	9.5
571.00	351 Maint Substation Trans Structure- Prev																			
571.00	353																			
	355 Tree/Vegetation Management	0	0	0	0	10	10	10	10	10	10	10	10	110		95.5	37	30	28	74.25
	360 Make Emergency Trans Ch	3	3	3	3	3	3	3	3	3	3	3	3	36	15.2	23	10.45	2	32	31
	364 Make Emergency Trans U/G line Repairs-Storm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0		129.75
	Operate & Maintain Trans Facilities	71	71	71	71	72	72	72	72	72	72	72	72	864						
	402 Develop & Maintain Distribution Standards and Specs															70	0	0		
	403 Engr & Design Dist Facilities																			
	404 Engr & Design Dist Facilities																13		3	4
	408 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	244.5				72	2
593.00	415 Construct Dist Facilities	40	40	40	40	40	40	40	40	40	40	40	40	480	130	153	334	279.5	6	13
	416 Construct Distribution Facilities UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0	210	143		1	300.00	500.25
	417																			
	420 Manage Distribution Construction Projects																			4.5 RE
	Plan, Engineer, Develop, & Construct Dist.	40	40	40	40	40	40	40	40	40	40	40	40	480						
593.00	443 Replace/Upgrade Existing	15	15	15	15	15	15	15	15	15	15	15	15	180	151.00	90	46.5	169.67	170.25	153.5
594.00	446 Replace/Upgrade Existing	1	1	1	1	1	1	1	1	1	1	1	1	12	80	48.75	12	13	0	
593.00	447 Replace/Upgrade Exist Comm	6	6	6	6	6	6	6	6	6	6	6	6	72	14	41.5	12	6.5	22	13
594.00	448 Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	22	6	16	22	20	14
599.00	455 Develop & Maintain Distrib Operate Insp & Maint Proced	40	40	40	40	40	40	40	40	40	40	40	40	480	410.5	45	0	15	430.5	592.5 RC
599.00	456 Compile & Update Distribution Maps & Prints	30	30	30	30	30	30	30	30	30	30	30	30	360	32	34		832	5	400.5
599.00	457 Read, analyze & test distribution data recording equipment	5	5	5	5	5	5	5	5	5	5	5	5	60	127.5	102	80	22	62	67

Account																					
593.00	458 Perform Distribution OH line Inspection - Pred/Preventative	76	76	76	76	76	76	76	76	76	77	77	77	915	324.38	494.88	272.41	310.02	102.5	497.75
594.00	459 Perform Distribution UG line Inspection - Pred /Preventative	24	24	24	24	24	24	24	24	24	24	24	24	0 288	109.93	250.25	161.92	250.5	91.5	295.5
592.00	460 Perform Dist Subst Struct	2	2	2	2	2	2	2	2	2	2	2	2	0 24	19					
593.00	461 Operate Distribution Facilities-OH	5	5	5	5	5	5	5	5	5	5	5	5	60		21.92	8	302.25	10.5	57.25
594.00	462 Operate Distribution Facilities -UG	3	3	3	3	3	3	3	3	3	3	3	3	36	102.41	55	8	114.5	4	32.5
592.00	463 Operate Distribution Facilities- Substation	3	3	3	3	3	3	3	3	3	3	3	3	36		10	7.5	9		36.5
594.00	464 Coordinate & locate UG Facilities (Terminals)	8	8	8	8	8	8	8	8	8	8	8	8	96	65	50	56	27	14	100
	470 Repair Distr Data Recording Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0						
593.00	471 Test, Treat & Restore Wooden Distribution Pole	1	0	0	0	0	0	1	1	0	0	0	0	0 3	2 1	2 1			4	4.5
594.00	472 Test, Treat & replace distribution primary cable	80	80	80	80	80	80	80	80	80	80	80	80	0 960	405.75	450.92	258	548.08	155.5	475.17
593.00	473 Maintain Distribution oh lines-Prev	19	19	19	19	19	19	19	19	19	19	19	19	0 225	342.92	354.25	103.25	71.83	112.75	199.5
	474 Maintain Distribution Oh Lines													0	2					
593.00	475 Maintain Distribution Oh lines-Corr	271	179	381	178	324	269	210	302	180	245	173	173	2985	499.35	381.64	805.12	647.75	987.92	2199.84
594.00	476 Maintain Distribution UG lines-Prev	7	7	7	7	7	7	7	7	7	7	7	7	84	157.67	88.43	7	17	19.75	75.5
	478 Maintain Distribution UG lines-Corr	150	150	150	150	150	150	150	150	150	150	150	150	1800	688.39	1081.81	385.5	1177.17	1415.83	1871.58
595.00	479 Maintain Distribution Oh Line Transf- Prevent	1	1	1	1	1	1	1	1	1	1	1	1	12	57	4	10	4.9	21	4
595.00	481 Maintain Distribution Oh Line Transf-Correct	4	4	4	4	4	4	4	4	4	4	4	4	48	32.19	57.5	31.5	58.5	49	18.5
595.00	482 Maintain Distribution UG line transf. Preventative	1	1	1	1	1	1	1	1	1	1	1	1	0 12	38.6	42.5	6	17	0	10.25
595.00	484 Maintain Distribution UG line transf Corrective	4	4	4	4	4	4	4	4	4	4	4	4	0 48	52.5	5.33	17	4	54	30.5
592.00	485 Maintain Substation Distribution Equipment Preventive	4	4	4	4	4	4	4	4	4	4	4	4	0 48	83.5	30.5	30.5	79	16.17	53
592.00	487 Maintain Substation Distribution Equipment-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	0 60	5	30.5	29	68.5	62.67	49.5
	488 Maint Subst Dist Equip - Prev													0						
	490																11.5			
	492 Maintain Distribution Tools & equip																			4
	493 Maint Cust & Street Lighting Facilities													0		24	4		4	107.25
593.00	494 Perform Vegetation Management- Distribution	39	39	39	39	39	39	39	40	41	41	41	41	477	901.37	486.7	305.5	359.5	217.15	269.75
593.00	500 Make Emergency Dist Oh line Repairs-Caused by external party	20	20	20	20	20	20	20	20	20	20	20	20	0 240	98.85	153.02	157.8	191.49	174.58	235.75
	501 Make Emergency ug line repairs caused by external party													0 0	3.5					
	505 Make Emergency Dist. ug line transf. repairs- caused by external party													0 0 0	0					
593.00	507 Make Emergency Dist Oh line repairs- storm	63	63	63	63	63	63	63	63	63	63	63	63	0 756	32.97	5.33	861.64	472.25	444.25	1236.75
	508 Make Emergency Distr. Ug line repairs- storm													0 0	0	3.5	69.17		2.75	50.5
595.00	511 Make Emergency Distr. oh transf. repairs -storm							1	19	19	19			0 58	34	339.55	4	23.17	59	170.5
	Operate & Maintain Distribution Facilities	806	813	1016	813	959	864	847	968	946	952	811	811	10596						

590.00 416 H000 1146

594.00 416 H000 1146

1.42

141

CA-IR-1, PART b.
DOCKET NO. 05-0315
HELCO T-6
PAGE 224 OF 243

March1 rate case adj 4

Account																				
903.00 -	600 Respond to Customer Inquiries & Svc Requests	72	53	72	53	72	72	72	72	72	72	51	51	784	301.75	354.89	441.34	423.33	385.33	673
586.00 -	601 Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	91.27	68.58	117.12	88.84	67.5	57
586.00 -	602 Perform Service Connection Work	75	76	76	76	76	76	76	76	76	76	76	76	811	20.5	208.5	414.74	270.91	423.33	641.33
	603 Maintain Meter Info Records																1			
	618 Manage																		10	
903.00 -	619 Perform Disconnects & reconnects for non-pay	3	3	3	3	3	3	3	3	3	3	3	3	30	26	62.5	70	89.8	36	16
	Provide Customer Service - Regulated	155	137	156	137	156	156	156	156	156	156	135	135	1791						
573.00 -	917 Maintain System & Equip- Telecomm																13		7.5	
588.00 -	931 Care for buildings & Grounds	2	2	2	2	2	2	2	2	2	2	2	2	24		9	2	32	10	349
	932 Repair Building & Grounds																15	100	3	
	950 Provide & Mngr Risk Mgmt Svcs- Liability															23.5	9	9	3	7.5
	953 Provide & Manage Risk Management Services Workers Comp													0						
	Manage & Control Risks & Loss	2	2	2	2	2	2	2	2	2	2	2	2	24						
	Project Related O&M to be forecasted by Engr.	0	0	0	0	0	0	0	0	0	0	0	0	0				97	98	
	TOTAL	1843	1732	1788	1732	1858	1844	1788	1859	1789	1845	2070	1802	22129	6080.73	8341.8	6886.05	8608.25	8441.54	14949.17
		0	0	0	0	0	0	0	0	0	0	0	0	0						

Merchl rate case adj 5

Ginnerman TO
Administrator
(2)

Di-CREW EE:150
Year 2008

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
	21	3520	3200	3680	3200	3680	3520	3360	3680	3360	3520	3520	3520	41600						
Holiday		160	160	0	160	160	160	160	160	160	160	480	320	2240						
Vacation		204	204	204	204	205	205	205	205	205	205	205	205	2458						
Sick		99	99	99	99	99	99	99	99	99	99	99	99	1194						
Balance		3058	2738	3379	2739	3216	3056	2896	3216	2896	3056	2736	2736	35720						
OT		918	918	918	918	917	917	917	917	917	917	917	917	11000						
Balance		3974	3654	4294	3654	4133	3973	3813	4133	3813	3973	3653	3653	46720						
OAM	0.33	1311	1208	1417	1208	1364	1311	1259	1364	1259	1311	1208	1205	15416						
	hpw	462	462	302	462	484	484	484	484	484	484	784	624	5880						
	total	1773	1669	1719	1669	1828	1775	1722	1828	1722	1775	1989	1829	21296						
Capital	0.67	2663	2448	2577	2448	2709	2662	2555	2709	2555	2663	2448	2448	31304						
		4436	4118	4296	4118	4537	4437	4277	4537	4277	4437	4437	4277	52600						
98 NC	hpw	462	462	302	462	484	484	484	484	484	484	784	624	5880						
98 NE EE100		0	0	0	0	0	0	0	0	0	0	0	0	0	HUGH SAPP					
700 Develop & Admin Business Plans																				
720 Improve Business process		0	0	0	0	0	0	0	0	0	0	0	0	0			0			
722 Design Display & Assess Org Strategies		0	0	0	0	0	0	0	0	0	0	0	0	0	24.5 212.5	220.82	170.5	135	6	
750 Maintain Relations with Customers																			6	17
753 Maintain Relations		1	1	1	1	1	1	1	1	1	1	1	1	12		7			5	
767 Dev, Mgs & Admin Safety Prog & Trng		2	2	2	2	2	2	2	2	2	2	2	2	24	5	14	0	12	8	5
777 Process Payroll		20	20	20	20	20	20	20	20	20	20	20	20	240	18.5	283.5	195	122.5	27 / 191	251
785 Manage & Administer Apprenticeship Program		3	3	3	3	3	3	3	3	3	3	3	3	36						32
787 Develop Employee Training														0		5		6	1	
788 Conduct Employee Training		4	4	4	4	4	4	4	4	4	4	4	4	48					43	49
789 Attend Training		36	36	36	36	36	36	36	36	36	36	36	36	432	198	127.5	210	335.5	414.5	840.5
795 Dev, Mgs & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12		5.83	10	25.5	12.5	3
797 Attend Safety Training		60	60	60	60	60	60	60	60	60	60	60	60	720	240	348.17	459	271	359.5	238.25
805 Negotiate BU & Other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	28	1	0		21	
806 Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24		35	17	15	22	20
807 Manage & Provide Employee Communications		4	4	4	4	4	4	4	4	4	4	4	4	48	50.33	24	0	21.5	41.5	
842 Order Mats & Equip		4	4	4	4	4	4	4	4	4	4	4	4	48	9	7	0		5	41
843 Process Invoice & Other		29	29	29	29	29	29	29	29	29	29	29	29	348	210	295	182.5	123.5	244	349
844 Prep & Maintain		0	0	0	0	0	0	0	0										221	381.5
877																				79
899 Maintain Applications																5				
Manage Employee Relations		165	163	165	165	165	165	165	165	165	165	165	165	1983						
372 Maint Combust Turbine																	0	- 35.5		
300 Perform Tran																			11.08	
315 Construct Trans Facilities		12	12	12	12	12	12	12	12	12	12	12	12	144	32	15	102	59.25	141.5	43.5
320 Manage Trans, Construct Projects														0						
Plan, Engineer, Design, Construct, Trans.		12	12	12	12	12	12	12	12	12	12	12	12	144						

ACCOUNT

184.030

926.00 –
580.00 –
588.00 –
926.00 –
926.00 –
926.00 –
925.00 –
935.00 –
588.00 –
588.00 –
926.00 –
588.00 –
588.00 –

571.00

March1 rate case adj 3

Account																				
	325 Develop & Maintain Trans. Oper, Inspect & Maint Procedure													0					1	2.5
	326													0						
563.00	328 Perform Transmission OH Line Inspection Prev/Predictive	35	35	35	35	35	35	35	35	35	35	35	35	420	50	51.83	197.42	110	162.25	19.5
	329													0						27.1
	331 Operate Transmission Facilities OH line	0	0	0	0	0	0	0	0	0	0	0	0	0		10				1.5
	332 Operate Trans													0						16.5
	333																			
	340 Repair Trans Data Rec Eq																		5	
	341 Test, Treat, Restore Wooden Trans Pole																			1
571.00	343 Maintain Transmission Oh Line Preventative OH line	5	5	5	5	5	5	5	5	5	5	5	5	0		3	10			
	344 Maintain Transmission Oh Line-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	60	159	21.5	98	19	63	8.5
570.00	347 Maintain Transmission UG line- Corrective													144	27.67	82	69		195	39.5
	348 Maintain Substation Trans Equip- Preventive	2	2	2	2	2	2	2	2	2	2	2	2	24		8	15.5		10	
570.00	350 Maintain Substation Trans Equip-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60			3.67		63.5	8.5
	351 Maint Substation Trans Structure- Prev													0		4.5				
571.00	353																			3
571.00	360 Make Emergency Trans Oh	3	3	3	3	3	3	3	3	3	3	3	3	36	15.5	58.5	37	39	29	74.25
	364 Make Emergency Trans UG line Repairs-Storm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	10.45	2	32	21
														0		25	0	0		129.75
														0						
	Operate & Maintain Trans Facilities	71	71	71	71	72	72	72	72	72	72	72	72	852						
	402 Develop & Maintain Distribution Standards and Specs													0		18	0	8		
	403 Engr & Design Dist Facilities													0						
	404 Engr & Design Dist Facilities																10		3	4
	408 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	344.5				72	2
593.00	415 Construct Dist Facilities	49	49	49	49	49	49	49	49	49	49	49	49	588	130	153	334	278.5	8	13
	416 Construct Distribution Facilities UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0	275	143		1	598.08	580.25
	417													0						
	420 Manage Distribution Construction Projects													0						4.5
														0						
	Plan, Engineer, Design, & Construct Dist.	49	49	49	49	49	49	49	49	49	49	49	49	588						
593.10	445 Replace/Upgrade Existing	15	15	15	15	15	15	15	15	15	15	15	15	180	151.08	68	49.5	199.67	179.25	153.5
594.00	446 Replace/Upgrade Existing	1	1	1	1	1	1	1	1	1	1	1	1	12	39	48.75	12	13	0	
593.00	447 Replace/Upgrade Exist Comm	6	6	6	6	6	6	6	6	6	6	6	6	72	14	41.5	12	6.5	22	63
594.00	448 Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	22	6	10	52	28	14
589.00	455 Develop & Maintain Distrib Operate Insp & Maint Proced	49	49	49	49	49	49	49	49	49	49	49	49	588	418.5	45	0	19	438.5	592.5
														0						
589.10	458 Compile & Update Distribution Maps & Prints	36	36	36	36	36	36	36	36	36	36	36	36	432	32	34		632	5	489.5
														0						

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589.00	457 Read, analyze & test distribution data recording equipment	5	5	5	5	5	5	5	5	5	5	5	5	60	127.5	100	68	22	92	97
583.00	458 Perform Distribution OH line inspection - Pred/Preventative	76	76	76	76	76	76	76	76	76	77	77	77	918	324.38	484.88	272.41	310.02	102.5	497.75
584.00	459 Perform Distribution UG line inspection - Pred /Preventative	24	24	24	24	24	24	24	24	24	24	24	24	288	169.93	280.25	181.92	250.5	91.5	285.5
582.00	460 Perform Dist Subst Struct	2	2	2	2	2	2	2	2	2	2	2	2	24	18					
583.00	461 Operate Distribution Facilities-OH	5	5	5	5	5	5	5	5	5	5	5	5	60		21.92	8	302.25	10.5	57.25
584.00	462 Operate Distribution Facilities -UG	3	3	3	3	3	3	3	3	3	3	3	3	36	102.41	55	8	114.5	4	32.5
582.00	463 Operate Distribution Facilities- Substation	3	3	3	3	3	3	3	3	3	3	3	3	36		10	7.5	9		36.5
584.00	464 Coordinate & locate UG Facilities (Tonesuty)	8	8	8	8	8	8	8	8	8	8	8	8	96	65	50	58	27	14	100
593.00	470 Repair Distr Data Recording Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2			4	4.5
	471 Test, Treat & Restore Wooden Distribution Pole	1	0	0	0	0	0	1	1	0	0	0	0	3	1	1				
594.00	472 Test, Treat & replace distribution primary cable	80	80	80	80	80	80	80	80	80	80	80	80	960	405.75	450.92	258	548.08	953.5	475.17
593.00	473 Maintain Distribution oh lines-Prev	19	19	19	19	19	19	19	19	19	19	19	19	228	342.92	354.25	103.25	71.83	112.75	188.5
	474 Maintain Distribution Oh Lines														2					
593.00	475 Maintain Distribution Oh lines-Corr	228	142	333	141	278	225	189	257	152	204	137	137	2403	498.38	391.64	605.12	647.79	887.82	2199.84
594.00	478 Maintain Distribution UG lines-Prev	7	7	7	7	7	7	7	7	7	7	7	7	84	157.63	59.43	7	17	19.75	75.5
595.00	479 Maintain Distribution UG lines-Corr	150	150	150	150	150	150	150	150	150	150	150	150	1800	588.38	1081.81	885.5	1777.17	1419.63	1871.58
595.00	479 Maintain Distribution Oh Line Transf- Prevent	1	1	1	1	1	1	1	1	1	1	1	1	12	57	4	18	4.9	21	4
	481 Maintain Distribution Oh Line Transf-Correct	4	4	4	4	4	4	4	4	4	4	4	4	48	32.18	57.5	31.5	58.5	49	18.5
595.00	482 Maintain Distribution UG line transf. Preventative	1	1	1	1	1	1	1	1	1	1	1	1	12	35.5	42.5	9	17	0	10.25
595.00	484 Maintain Distribution UG line transf. Corrective	4	4	4	4	4	4	4	4	4	4	4	4	48	52.5	5.33	17	4	54	30.5
592.00	485 Maintain Substation Distribution Equipment Preventive	4	4	4	4	4	4	4	4	4	4	4	4	48	63.5	30.5	30.5	79	18.17	53
592.00	487 Maintain Substation Distribution Equipment- Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60	5	30.5	28	68.5	62.67	49.5
	488 Maint Subst Dist Eq4p - Prev																11.5			
	490																			4
	492 Maintain Distribution Tools & equip.															24	4		4	107.25
	493 Maint Cust & Street Lighting Facilities																			
593.00	494 Perform Vegetation Management- Distribution	33	33	33	33	34	34	34	34	34	34	34	34	404	601.37	488.7	305.5	359.5	217.13	209.75
593.10	500 Make Emergency Dist Oh line Repairs- Caused by external party	20	20	20	20	20	20	20	20	20	20	20	20	240	98.85	153.02	157.5	191.49	174.58	235.75
	501 Make Emergency ug line repairs caused by external party														3.5					
	505 Make Emergency Dist. ug line transf. repairs- caused by external party														0					
593.10	507 Make Emergency Dist Oh line repairs- storm	63	63	63	63	63	63	63	63	63	63	63	63	756	32.97	9.33	361.64	472.25	444.25	1238.75
	508 Make Emergency Distr. Ug line repairs- storm														0	3.5	89.17		2.75	90.5
595.00	511 Make Emergency Distr oh transf. repairs -storm						1	19	19	19				58	24	339.55	4	23.17	58	170.5
	Operate & Maintain Distribution Facilities	857	770	962	770	908	855	801	807	801	854	768	768	10021						
903.00	600 Respond to Customer Inquiries & Svc Requests	72	53	72	53	72	72	72	72	72	72	51	51	784	301.75	354.69	441.34	423.33	385.33	673
586.00	601 Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	91.27	69.68	117.12	69.84	67.5	57
586.00	602 Perform Service Connection Work	76	76	76	76	76	76	76	76	76	76	76	76	911	20.5	208.5	414.74	270.91	423.33	641.33
	603 Maintain Meter Info Records																1			
	618 Manage																		10	
903.00	619 Perform Disconnects & reconnects for non-pay	3	3	3	3	3	3	3	3	3	3	3	3	36	26	62.5	70	89.8	38	16
	Provide Customer Service - Regulated	135	137	156	137	156	156	156	156	156	156	135	135	1791						

590.00 416 H000 1146 1.42

594.00 416 H000 1146 141

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513.10
568.10

917 Maintain System & Equip- Telecomm																13		7.6	
931 Care for buildings & Grounds	2	2	2	2	2	2	2	2	2	2	2	2	24		9	2	32	10	346
932 Repair Building & Grounds																15	100	2	
950 Provide & Mngo Risk Mgmt Svcs- Liability															23.5	9	9	3	7.5
953 Provide & Manage Risk Management Services Workers Comp													0						
Manage & Control Risks & Loss	2	2	2	2	2	2	2	2	2	2	2	2	24						
Project Related O&M to be forecasted by Engr.	0	0	0	0	0	0	0	0	0	0	0	0	0				97	59	
TOTAL	1773	1658	1718	1668	1825	1775	1722	1828	1722	1775	1869	1828	21298	8880.73	8341.8	8888.05	8808.25	9441.54	14949.17
	0	0	0	0	0	0	0	0	0	0	0	0	0						

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OK-CREW EE 150 Year 2005

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			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT	1999 Actuals	2000 Actuals	2001 actuals	2002 actuals	2003 actuals	2004 actuals
		21	3168	3080	3312	3080	3312	3168	3360	3360	3360	3520	3520	3360	38520						
	Holiday		144	144	0	144	144	144	160	160	160	160	160	320	2160						
	Vacation		204	200	204	200	205	201	205	205	205	205	205	205	2444						
	Sick		98	98	98	98	98	98	98	98	98	98	98	98	1184						
	Balance		2722	2438	3010	2438	2884	2724	2885	3216	3386	3038	2738	2738	33732						
	OT		916	916	916	916	917	917	917	917	917	917	917	917	11000						
	Balance		3638	3354	3926	3354	3781	3641	3813	4133	3813	3873	3653	3653	44732						
	O&M	0.33	1201	1107	1296	1107	1248	1202	1258	1364	1258	1311	1205	1205	14762						
		rpwr	448	442	302	442	448	444	494	494	494	494	794	924	5788						
		total	1647	1549	1598	1549	1696	1646	1772	1858	1772	1775	1999	1829	20550						
	Capital	0.67	3437	3247	3630	3247	3533	3439	3505	3708	3506	3662	3448	3448	39970						
			4084	3796	4228	3796	4229	4085	4277	4567	4277	4437	4437	4277	50520						
189.030	99 NC	rpwr	448	442	302	442	448	444	494	494	494	494	794	924	5788						
	99 NE EE100		0	0	0	0	0	0	0	0	0	0	0	0	0	HUGH SAPP					
	700 Develop & Admin Business Plans																6				
	720 Improve Business process		0	0	0	0	0	0	0	0	0	0	0	0	0	34.5 212.5	220.93	170.5	135	6	
	722 Design Deploy & Assess Org Strategies		0	0	0	0	0	0	0	0	0	0	0	0	0					9	19
	750 Maintain Relations with Customers																7			5	
926.00	753 Maintain Relations		1	1	1	1	1	1	1	1	1	1	1	1	12	5	14	0	12	9	5
580.00	767 Dev, Mgs & Admin Safety Prog & Trng		2	2	2	2	2	2	2	2	2	2	2	2	24					27	
588.00	777 Process Payroll		20	20	20	20	20	20	20	20	20	20	20	20	240	18.5	283.5	185	122.5	191	251
926.00	786 Manage & Administer Apprenticeship Program		3	3	3	3	3	3	3	3	3	3	3	3	36						32
	787 Develop Employee Training														0		5		8	1	
926.00	788 Conduct Employee Training		4	4	4	4	4	4	4	4	4	4	4	4	48					43	48
926.00	789 Attend Training		33	33	33	33	34	34	36	36	36	36	36	36	410	159	127.9	218	335.5	414.5	840.5
925.00	795 Dev, Mgs & Admin Safety Prog & Trng		1	1	1	1	1	1	1	1	1	1	1	1	12		5.83	10	25.5	12.5	2
925.00	797 Attend Safety Training		53	53	53	53	54	54	55	55	55	55	55	55	670	240	349.17	458	271	359.5	238.25
588.00	805 Negotiate CBJ & Other Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	29	1	0		21	
588.00	806 Admin & Participate in Labor Grievances		2	2	2	2	2	2	2	2	2	2	2	2	24		35	17	15	22	20
926.00	807 Manage & Provide Employee Communications		4	4	4	4	4	4	4	4	4	4	4	4	48	55.33	24	0	21.5	41.5	
588.00	842 Order Mats & Equip		4	4	4	4	4	4	4	4	4	4	4	4	48	9	7	0		5	41
588.00	843 Process Invoice & Other		29	29	29	29	29	29	29	29	29	29	29	29	348	210	285	192.5	123.5	244	349
588.00	844 Prep & Maintain		0	0	0	0	0	0	0	0										221	381.5
	877																				78
	899 Maintain Applications																5				
	Manage Employee Relations		156	156	156	156	158	158	165	165	165	165	165	165	1932						
	272 Maint Combust Turbine																	0	35.5	--	
	300 Perform Trans																			11.08	
571.00	315 Construct Trans Facilities		12	12	12	12	12	12	12	12	12	12	12	12	144	32	15	102	59.25	141.5	43.5
	320 Manage Trans. Construct Projects														0						
	Plan, Engineer, Design, Construct, Trans.		12	12	12	12	12	12	12	12	12	12	12	12	144						

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	325 Develop & Maintain Trans. Oper, Inspect & Maint Procedure													0						
	326													0					1	3.5
563.00	328 Perform Transmission Oh Line Inspection Prev/Predictive	28	28	28	28	28	28	28	28	28	28	28	28	0						19.5
	329													0	80	51.83	197.42	110	182.25	271
	331 Operate Transmission Facilities OH line	0	0	0	0	0	0	0	0	0	0	0	0	0		90				1.5
	332 Operate Tran													0						10.5
	333																		5	
	340 Repair Trans Data Rec Eq																			1
	341 Test, Treat, Restore Wooden Trans Pole																10			
571.00	342 Maintain Transmission Oh Line Preventative OH line	5	5	5	5	5	5	5	5	5	5	5	5	0		3				
	344 Maintain Transmission Oh Line-Corrective	12	12	12	12	12	12	12	12	12	12	12	12	0	150	21.5	88	10	61	6.5
570.00	347 Maintain Transmission UG line- Corrective													0	27.67	62	80		150	99.5
	348 Maintain Substation Trans Equip- Preventive	2	2	2	2	2	2	2	2	2	2	2	2	24		0	15.5		18	
570.00	350 Maintain Substation Trans Equip-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	0			3.67		83.5	8.5
	351 Maint Substation Trans Structure- Prev													0		4.5				
571.00	353																			3
571.00	360 Tower Vegetation Management	7	7	7	7	8	8	10	10	10	10	10	10	104		30.3	37	38	28	74.25
	360 Make Emergency Trans Oh	3	3	3	3	3	3	3	3	3	3	3	3	36	15.3	23	10.45	2	32	21
	364 Make Emergency Trans UG line Repairs-Storm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0		129.75
	Operate & Maintain Trans Facilities	63	62	62	62	63	63	73	73	73	73	73	73	0						
	402 Develop & Maintain Distribution Standards and Specs													0		10	0	6		
	403 Engr & Design Dist Facilities													0			10		3	4
	404 Engr & Design Dist Facilities																		72	2
	408 Manage Distribution Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	244.5				9	13
593.00	415 Construct Dist Facilities	40	40	40	40	40	40	40	40	40	40	40	40	0	130	953	334	276.5	558.08	588.25
	416 Construct Distribution Facilities UG Line	0	0	0	0	0	0	0	0	0	0	0	0	0	215	143		1		
	417													0						
	420 Manage Distribution Construction Projects													0						4.5 BE
	Plan, Engineer, Design, & Construct Dist.	40	40	40	40	40	40	40	40	40	40	40	40	0						

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593.00	445 Replace/Upgrade Existing	15	15	15	15	15	15	15	15	15	15	15	15	180	151.08	49	49.5	199.67	179.25	153.5
594.00	446 Replace/Upgrade Existing	1	1	1	1	1	1	1	1	1	1	1	1	12	30	46.75	12	15	0	
593.00	447 Replace/Upgrade Exist Comm	6	6	6	6	6	6	6	6	6	6	6	6	72	14	41.5	12	6.5	22	93
594.00	448 Replace/Upgrade Exist Comm	2	2	2	2	2	2	2	2	2	2	2	2	24	22	9	10	52	28	14
586.00	455 Develop & Maintain Distrib Operate Insp & Maint Process	49	49	49	49	49	49	49	49	49	49	49	49	588	419.5	45	0	18	436.5	592.5
588.00	456 Compile & Update Distribution Maps & Prints	39	39	39	39	39	39	39	39	39	39	39	39	468	32	34		632	5	409.5
586.00	457 Read, analyze & test distribution data recording equipment	5	5	5	5	5	5	5	5	5	5	5	5	60	127.5	100	60	22	62	67
583.00	458 Perform Distribution OH line Inspection - Post/Preventative	69	91	67	61	91	61	76	76	76	77	77	77	824	334.39	494.68	272.41	310.02	102.5	497.75
584.00	459 Perform Distribution UG line Inspection - Post /Preventative	24	24	24	24	24	24	24	24	24	24	24	24	288	188.93	250.25	181.92	230.5	61.5	295.5
582.00	460 Perform Dist Subst Struct	2	2	2	2	2	2	2	2	2	2	2	2	24	19					
583.00	461 Operate Distribution Facilities-OH	5	5	5	5	5	5	5	5	5	5	5	5	60		21.92	0	102.25	10.5	57.25
584.00	462 Operate Distribution Facilities -UG	3	3	3	3	3	3	3	3	3	3	3	3	36	102.41	15	0	114.5	4	32.5
582.00	463 Operate Distribution Facilities- Substation	3	3	3	3	3	3	3	3	3	3	3	3	36		10	7.5	9		36.5
584.00	464 Coordinate & locate UG Facilities (Tonesuite)	8	8	8	8	8	8	8	8	8	8	8	8	96	65	90	56	27	14	100
	470 Repair Data Data Recording Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0						
593.00	471 Test, Treat & Restore Wooden Distribution Pole	1	0	0	0	0	0	1	1	0	0	0	0	3	2	2			4	4.5
594.00	472 Test, Treat & replace distribution primary cable	80	80	90	80	82	80	80	80	81	85	80	80	980	405.75	450.92	239	948.08	955.5	475.17
593.00	473 Maintain Distribution oh lines-Prev	14	14	15	15	15	15	19	19	19	19	19	19	202	342.92	354.25	103.25	71.83	112.75	169.5
	474 Maintain Distribution OH Lines													0	2					
593.00	475 Maintain Distribution Oh lines-Corr	179	104	272	102	220	174	169	257	152	204	137	137	2107	498.38	391.64	805.12	647.78	687.82	2199.84
594.00	476 Maintain Distribution UG lines-Prev	7	7	7	7	7	7	7	7	7	7	7	7	84	157.83	39.43	7	17	19.75	75.5
594.00	478 Maintain Distribution UG lines-Corr	150	150	150	150	150	150	150	150	150	150	150	150	1800	998.38	1081.61	985.5	1177.17	1415.63	1871.58
595.00	479 Maintain Distribution OH Line Transf- Prevent	1	1	1	1	1	1	1	1	1	1	1	1	12	57	4	10	4.9	21	4
595.00	481 Maintain Distribution OH Line Transf-Correct	4	4	4	4	4	4	4	4	4	4	4	4	48	32.18	57.5	31.5	39.5	49	19.5
595.00	482 Maintain Distribution UG line transf. Preventative	1	1	1	1	1	1	1	1	1	1	1	1	12	38.5	42.5	6	17	0	10.25
595.00	484 Maintain Distribution UG line transf. Corrective	4	4	4	4	4	4	4	4	4	4	4	4	48	52.5	5.33	17	4	64	30.5
592.00	485 Maintain Substation Distribution Equipment Preventive	4	4	4	4	4	4	4	4	4	4	4	4	48	83.5	30.5	30.5	79	18.17	93
592.00	487 Maintain Substation Distribution Equipment-Corrective	5	5	5	5	5	5	5	5	5	5	5	5	60	5	30.5	20	66.5	83.67	49.5
	488 Maint Subst Dist Equip - Prev													0			11.5			
	490																			4
	492 Maintain Distribution Tools & equip.													0		24	4		4	107.25
	493 Maint Cust & Street Lighting Facilities															9				
593.00	494 Perform Vegetation Management- Distribution	25	25	25	25	28	28	34	34	34	34	34	34	358	601.37	488.7	305.5	359.5	217.19	269.75
593.00	500 Make Emergency Dist Oh line Repairs-Caused by external party	20	20	20	20	20	20	20	20	20	20	20	20	240	98.85	153.02	157.8	181.49	174.58	235.75
	501 Make Emergency up line repairs caused by external party													0	3.5					
	505 Make Emergency Dist. up line transf. repairs- caused by external party													0	0					
593.00	507 Make Emergency Dist Oh line repairs- storm	63	63	63	63	63	63	63	63	63	63	63	63	756	32.67	5.33	861.84	472.25	444.25	1238.75
	509 Make Emergency Dist. Ug line repairs- storm													0	0	3.5	98.17		2.75	90.5
595.00	511 Make Emergency Dist. oh transf. repairs -storm							1	19	19	19			58	24	339.58	4	23.17	86	170.5
	Operate & Maintain Distribution Facilities	786	769	874	784	823	777	891	907	891	894	768	768	9962						

Mardvl info case adj 2

ACCOUNT																				
903.10	600 Respond to Customer Inquiries & Svc Requests	72	53	72	53	72	72	72	72	72	72	91	91	794	301.75	354.89	441.34	423.33	385.33	573
586.00	601 Perform Meter Service Work	5	5	5	5	5	5	5	5	5	5	5	5	60	91.27	69.39	117.12	89.84	67.5	57
586.00	602 Perform Service Connection Work	80	80	81	81	81	81	78	78	78	78	78	78	820	20.5	309.6	414.74	270.91	423.33	841.33
	603 Maintain Meter Info Records																1			
	618 Manage																		10	
903.00	619 Perform Disconnects & reconnects for non-pay	3	3	3	3	3	3	3	3	3	3	3	3	38	+20	82.5	70	89.8	36	16
	Provide Customer Service - Regulated	140	121	141	122	141	141	136	136	136	136	136	136	1706						
573.00	917 Maintain System & Equip- Telecomm																13		7.5	
588.10	931 Care for buildings & Grounds	2	2	2	2	2	2	2	2	2	2	2	2	24		9	2	32	10	348
	932 Repair Building & Grounds																15	100	2	
	950 Provide & Mngs Risk Mgmt Svcs- Liability															23.5	6	9	3	7.5
	953 Provide & Manage Risk Management Services Workers Comp													0						
	Manage & Control Risks & Loss	2	2	2	2	2	2	2	2	2	2	2	2	24						
	Project Related O&M to be forecasted by Engr.	0	0	0	0	0	0	0	0	0	0	0	0	0				97	58	
	TOTAL	1647	1549	1586	1549	1686	1649	1722	1829	1722	1775	1989	1829	20550	6680.73	8341.8	6660.05	8606.25	9441.54	14949.17
		0	0	0	0	0	0	0	0	0	0	0	0	0						

590.00 416 H0001146

594.00 416 H0001146

1.42

141.

Trouble Structers 0.

[illegible] +
[illegible] +
[illegible] ÷ nstruction
[illegible] =
O&M [illegible] =

Activity	2004 Recorded
329	57.5
331	61.05
332	40
33	44.5
341	30
342	68
344	54.5
345	87.5
347	88
348	28
350	40
364	42
365	5.5
445	71.5
446	39
447	51
448	76
455	37
456	81.5
457	254.53
459	104
461	112
462	47.5
463	49.5
464	54.5
471	68
472	11.5
473	332.88
475	799.57 *
476	60
478	83.5
479	120
481	144.5
482	38.3
484	47.5
485	62.5
487	65
488	83
490	35.5
492	483.5 *
507	427
508	10
511	45
512	202.5
601	882
602	42
619	2
753	0
777	0
931	0
932	0
	5470.33 1823.443

494 *
[illegible] *
[illegible] *

Distribution Department
Trouble Shooters
Hilo Construction

Activity	2004 Recorded	2005 Recorded
	3	3
329	57.5	63
331	61.05	67.5
332	40	32.5
333	44.5	32
341	30	41.38
342	88	83
344	54.5	91
345	87.5	72.5
347	88	475.5
348	28	34
350	40	14
384	42	0
385	5.5	0
445	71.5	152.28
446	39	37
447	51	20
448	78	71
455	37	27.5
456	81.5	68.5
457	254.53	58
459	104	102.5
461	112	123.5
462	47.5	29.5
463	49.5	29.5
464	54.5	14
471	68	28.5
472	11.5	25
473	332.88	500.66 *
475	799.57	470.44
476	60	62.5
478	83.5	68.53
479	120	100.73
481	144.5	138
482	38.3	40.28
484	47.5	25
485	62.5	39
487	65	37.5
488	63	20
490	35.5	51.5
492	483.5	259.5
507	427	30
508	10	3
511	43	23
512	202.5	0
601	682	563
602	42	701.25 *
619	2	8
753	0	0
777	0	0
931	0	0
932	0	0
355	0	212
494	0	646.62
458	~~0~~ 350	777.08 *
328	~~0~~ 212	385 *
	5470.33	6975.73
	1823.443	2325.243
	3646.88	4650.483
	4960.4	5339.61
	0.735199	0.870941

328	385	.10
355	212	.05
458	777	.20
475	470	.12
492	259	.06
494	646.62	.16
602	701.25	.18
473	500.66	.13
	3951.53	1.00

Distribution Department
Trouble Shooters
Hilo Construction

Activity	2004 Recorded	2005 Recorded
329	57.5	83.0
331	61.05	67.5
332	40	37.5
333	44.5	32.0
341	30	41.38
342	88	83.0
344	54.5	91.0
345	87.5	72.5
347	88	45.5
348	28	34.0
350	40	14.0
364	42	—
365	5.5	—
445	71.5	152.28
446	38	37.0
447	51	20.0
448	76	71.0
455	37	27.5
456	81.5	68.5
457	254.53	58.0
459	104	102.5
461	112	123.5
462	47.5	29.5
463	49.5	29.5
464	54.5	14.0
471	88	28.5
472	11.5	25.0
473	332.88	500.66
475	799.57	470.44
476	60	62.5
478	83.5	68.53
479	120	100.73
481	144.5	138.00
482	38.3	40.28
484	47.5	25.00
485	62.5	39.00
487	85	37.5
488	63	20.0
490	35.5	51.5
492	483.5	259.5
507	427	30.0
508	10	3.0
511	45	23.0
512	202.5	—
601	882	563.0
602	42	701.25
619	2	9.0
753	0	—
777	0	—
931	0	—
932	0	—
494	0	
458	0	777.06
328	0	385
	5470.33	
	1823.443	

789 - 2
797 - 0

2005

355 212
494 646.62

Distribution Department
Labor Hour percentage

			1999	%	2000	%	2001	%	2002	%	2003	%	2004	%	2005	%		
HDC	TECHCREW	NI/NR	11917.67	0.348	10523.33	0.31	9705	0.31	8738.5	0.30	10701.25	0.33	10927.67	0.37				
		NE	21281.07	0.618	22384.83	0.66	21185.91	0.67	19945.18	0.67	21269.44	0.65	18274.75	0.62				
		NC	984.5	0.029	954	0.03	613	0.02	711	0.02	641.00	0.02	348.00	0.01				
		BE	232.5	0.007	70	0	250.17	0.01	189.5	0.01	275.00	0.01	81.50	0.00				
			34395.74	1	33932.16	1	31754.08	1.00	29584.18	1.00	32886.69	1.00	29631.92	1.00				
HDH	CREW	NI/NR	45881.23	0.692	49028.25	0.73	34251	0.65	32539.29	0.63	36129.37	0.69	33657.27	0.61	34247.46	.44	RATE CASE .66	
		NE	18967.58	0.287	16462	0.24	15486.5	0.30	17131.73	0.33	16423.49	0.30	19282.57	0.35	20914.1	.34	.34	
		NC	1276.5	0.019	1569.5	0.02	2742.5	0.05	2117.5	0.04	2208.75	0.04	2594.25	0.05	911.00	0.02		
		BE	96.5	0.001	3	0	0	0.00	0	0.00	99.05	0.00	0.00	0.00	70.00	0.00		
			65991.81	1	67062.75	1	52480	1.00	51788.52	1.00	54858.66	1.00	55514.09	1.00	60205.18	1.00	1.00	1.0
HDK	CREW	NI	17504.35	0.654	17238.06	0.67	20138.76	0.73	27300.39	0.76	24228.95	0.72	21490.32	0.59	18745.76	0.59	.70	.6
		NE	8694.94	0.325	7305.13	0.28	6684.63	0.24	8137.75	0.23	7550.04	0.22	12838.17	0.35	11724.92	0.37	.30	.4
		NC	556.5	0.021	1134.17	0.04	825.5	0.02	469	0.01	1864.50	0.06	2108.50	0.06	1290.25	0.04		
		BE		0		0	10	0.00	0	0.00	18.00	0.00	4.50	0.00	1400.00	0.00		
			26755.79	1	25677.36	1	27458.89	1.00	35907.13	1.00	33661.49	1.00	36439.49	1.00	31770.83	1.00	1.00	1.0
HDK	INSP	NI	1089.5	0.604	1512.32	0.85	1706.34	0.94	1658.01	0.90	1719.58	0.87	1533.14	0.79				
		NE	714.67	0.396	258.5	0.15	99.75	0.06	184.25	0.10	267.59	0.13	410.42	0.21				
		NC	1	6E-04	4	0	1	0.00	3	0.00	0.00	0.00	0.00	0.00				
		BE	0	0		0		0.00		0.00	0.00	0.00	0.00	0.00				
			1805.17	1	1775.82	1	1807.09	1.00	1843.26	1.00	1987.15	1.00	1943.56	1.00				
HDR	Used to be BUTC 2004/BUOC	NI	7.5	6E-04	0	0	8.25	0.00	0	0.00	1.00	0.00	0.00	0.00				
		NS	8859.5	0.743	3860.91	0.33	3780.58	0.30	3728.9	0.30	3265.00	0.27	3470.19	0.27				
		NC	2895.25	0.243	7803.79	0.67	8644.13	0.70	8856.97	0.70	8822.03	0.73	9210.98	0.73				
		BE	160	0.013	0	0	0	0.00	0	0.00	0.00	0.00	0.00	0.00				
			11922.25	1	11664.7	1	12430.96	1.00	12582.77	1.00	12088.03	1.00	12687.17	1.00				
HDR	INSP	NI	1087	0.369	400	0.21	675.25	0.40	383.25	0.19	881.25	0.47	890.00	0.46				
		NE	1857	0.631	1498.5	0.79	1029.5	0.60	1515.25	0.81	1012.00	0.53	1051.00	0.54				
		NC		0		0	0	0.00	3	0.00	0.00	0.00	0.00	0.00				
		BE		0		0		0.00		0.00	0.00	0.00	0.00	0.00				
			2944	1	1898.5	1	1704.75	1.00	1881.5	1.00	1893.25	1.00	1941.00	1.00				
HDW	CREW	NI	14912.59	0.679	22114.67	0.71	15522.18	0.61	14411.83	0.56	16119.01	0.65	17723.31	0.64				
		NE	6909.67	0.314	8585.41	0.28	8080.74	0.32	8325.75	0.32	7255.54	0.29	9594.46	0.35				
		NC	145	0.007	388	0.01	1680.5	0.07	3111.17	0.12	1295.50	0.05	185.50	0.01				
		BE	5.5	3E-04		0	0	0.00	9	0.00		0.00	2.00	0.00				
			21972.96	1	31088.26		25283.4	1.00	25857.75	1.00	24670.05	1.00	27505.27	1.00				
HDW	INSP	NI		0		0	1359.17	0.65	1323	0.61	858.00	0.43	493.00	0.73				
		NE		0		0	706.83	0.34	808	0.37	859.50	0.56	182.00	0.27				
		NC		0		0	34.5	0.01	31.5	0.01	9.00	0.01	0.00	0.00				
		BE		0		0		0.00		0.00	0.00	0.00	0.00	0.00				
			0	0	0		2090.5	1.00	2162.5	1.00	1526.50	1.00	675.00	1.00				

Transmit and Distribute Blocks
Direct Labor Report

Account		RA	Activity	Location	Expense Element	2006 Test Year	Reference
560.00	Direct Labor	HGA	376	HAH	150	71,148	CA-IR-1, part b, attachment 2, page 5 of 34
561.00	" "	HGH	376	HAH	150	186,500	CA-IR-1, part b, attachment 2, page 12 of 34
590.00	" "	HGA	354	HAH	150	14,295	CA-IR-2, part b, attachment 5 of 34
590.00	" "	HGA	354	HAK	150	7,120	CA-IR-2, part b, attachment 5 of 34

ACCT.	O&M	Engineer	HWW	406					82	82	-
	O&M	Engineer	HWW	407	408	HDO	NS	H000ABAN HWW408HDONSH000ABAN407	2,866	2,866	-
	O&M	Engineer	HWW	407					2,866	2,866	-
	O&M	Engineer	HWW	421	408	HDO	NS	H000ABAN HWW408HDONSH000ABAN421	199	199	-
	O&M	Engineer	HWW	421					199	199	-
	O&M	Engineer	HWW	422	408	HDO	NS	H000ABAN HWW408HDONSH000ABAN422	244	244	-
	O&M	Engineer	HWW	422					244	244	-
	O&M	Engineer	HWW	423	408	HDO	NS	H000ABAN HWW408HDONSH000ABAN423	135	135	-
	O&M	Engineer	HWW	423					135	135	-
	O&M	Engineer	HWW	501	931	HDO	NE	NHWZZZZZ AG MAINT A/C	-	(500)	500
	O&M	Engineer	HWW	501					-	(500)	500
	O&M	Engineer	HWW						5,047	4,547	500
	O&M	Engineer	HWX	150	211	CNS	NE	NHWZZZZZ HWX211CNSNENHWZZZZZ150	3,664	3,664	-
	O&M	Engineer	HWX	150	211	CNS	NE	NHWZZZZZ HWX211CNSNENHWZZZZZ150SCI	-	-	-
571.00	O&M	Engineer	HWX	150	302	HAH	NE	NHWZZZZZ W_Eng Labor - PCS Facility Lease	10,032	(15,418)	25,450
	O&M	Engineer	HWX	150	403	HAK	NE	NHDZZZZZ HWX403HAKNENHDZZZZZ150	77	77	-
	O&M	Engineer	HWX	150	403	HAK	NE	NHDZZZZZ HWX403HAKNENHDZZZZZ150ENG	-	-	-
	O&M	Engineer	HWX	150	408	HAH	NE	NHWZZZZZ HWX408HAHNENHWZZZZZ150	171	171	-
	O&M	Engineer	HWX	150	408	HAH	NE	NHWZZZZZ HWX408HAHNENHWZZZZZ150EN(	-	-	-
	O&M	Engineer	HWX	150	408	HDO	NS	H000ABAN HWX408HDONSH000ABAN150	1,468	1,468	-
	O&M	Engineer	HWX	150	408	HDO	NS	H000ABAN HWX408HDONSH000ABAN150ENG	-	-	-
	O&M	Engineer	HWX	150	408	HDO	NS	H000ABAN HWX408HDONSH000ABAN150ENG	-	-	-
	O&M	Engineer	HWX	150	408	HDO	NS	H000ABAN HWX408HDONSH000ABAN150SCD	-	-	-
	O&M	Engineer	HWX	150	408	HDO	NS	H000ABAN HWX408HDONSH000ABAN150SCD	-	-	-
	O&M	Engineer	HWX	150	600	HAH	NE	H0000941 Helco Trainee (WX-FS)	-	-	-
	O&M	Engineer	HWX	150	600	HAH	NE	H0000941 Helco Trainee (WX-W_SCD)	-	-	-
	O&M	Engineer	HWX	150	735	HEL	NE	NHWZZZZZ HWX735HELNENHWZZZZZ150	2,022	2,022	-
	O&M	Engineer	HWX	150	735	HEL	NE	NHWZZZZZ HWX735HELNENHWZZZZZ150ENG	-	-	-
	O&M	Engineer	HWX	150	788	HEL	NE	NHWZZZZZ HWX788HELNENHWZZZZZ150	498	498	-
	O&M	Engineer	HWX	150	788	HEL	NE	NHWZZZZZ HWX788HELNENHWZZZZZ150ENG	-	-	-
	O&M	Engineer	HWX	150	789	HDO	NS	H0000547 Project Ellipse - Power Users (D Oka	-	-	-
	O&M	Engineer	HWX	150	844	HEL	NE	NHWZZZZZ HWX844HELNENHWZZZZZ150	196	196	-
	O&M	Engineer	HWX	150	844	HEL	NE	NHWZZZZZ HWX844HELNENHWZZZZZ150ENG	-	-	-
	O&M	Engineer	HWX	150	844	HEL	NE	NHWZZZZZ HWX844HELNENHWZZZZZ150FS	-	-	-
	O&M	Engineer	HWX	150	891	HDO	NS	H0000547 Project Ellipse - Power Users (R Kan	-	-	-
	O&M	Engineer	HWX	150	891	HDO	NS	H0000547 Project Ellipse - WM Engr (Dave Oka	-	-	-
	O&M	Engineer	HWX	150	933	HEL	NE	NHNZZZZZ HWX933HELNENHNZZZZZ150	6,023	6,023	-

ACCT.

	O&M	Engineer	HWC	150	211	CNS NE	NHWZZZZZ	HWC211CNSNENHWZZZZZ150	1,041	1,041	-
	O&M	Engineer	HWC	150	211	CNS NE	NHWZZZZZ	HWC211CNSNENHWZZZZZ150SCI	-	-	-
	O&M	Engineer	HWC	150	403	HAK NE	NHDZZZZZ	HWC403HAKNENHDZZZZZ150	39	39	-
	O&M	Engineer	HWC	150	403	HAK NE	NHDZZZZZ	HWC403HAKNENHDZZZZZ150PA-(	-	-	-
588.00	O&M	Engineer	HWC	150	408	HAH NE	NHWZZZZZ	CWIP TRANS - DIST	22,463	(27,173)	49,635
588.00	O&M	Engineer	HWC	150	408	HAH NE	NHWZZZZZ	CWIP Transfers	-	(17,311)	17,311
	O&M	Engineer	HWC	150	408	HAH NE	NHWZZZZZ	HWC408HAHNENHWZZZZZ150	70	70	-
	O&M	Engineer	HWC	150	408	HAH NE	NHWZZZZZ	HWC408HAHNENHWZZZZZ150JCF	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150	16,107	16,107	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150CD-(	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150CP-(	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150CP-I	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150DP-I	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150JCP-	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150PA-(	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150PA-I	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150SCP	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150SCP	-	-	-
	O&M	Engineer	HWC	150	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN150SCP	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-CP)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-DP)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-JCP)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-PA)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-SCP)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-TCS)	-	-	-
	O&M	Engineer	HWC	150	600	HAH NE	H0000941	Helco Trainee (WC-W_CD)	-	-	-
	O&M	Engineer	HWC	150	836	HTO NS	H0000984	HWC836HTONSH0000984150;	263	263	-
	O&M	Engineer	HWC	150	836	HTO NS	H0000984	HWC836HTONSH0000984150CP-CI	-	-	-
	O&M	Engineer	HWC	150					39,984	(26,963)	66,946
	O&M	Engineer	HWC	155	211	CNS NE	NHWZZZZZ	HWC211CNSNENHWZZZZZ155	173	173	-
	O&M	Engineer	HWC	155	403	HAK NE	NHDZZZZZ	HWC403HAKNENHDZZZZZ155	(1)	(1)	-
	O&M	Engineer	HWC	155	408	HAH NE	NHWZZZZZ	HWC408HAHNENHWZZZZZ155	9	9	-
	O&M	Engineer	HWC	155	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN155	1,208	1,208	-
	O&M	Engineer	HWC	155	836	HTO NS	H0000984	HWC836HTONSH0000984155	34	34	-
	O&M	Engineer	HWC	155					1,423	1,423	-
	O&M	Engineer	HWC	301	408	HDO NS	H000ABAN	HWC408HDONSH000ABAN301	30	30	-
	O&M	Engineer	HWC	301					30	30	-

ACCT

	O&M	Engineer	HWI	423	890	HEL	NE	NHWZZZZZ	1,780	(1,498)	3,278
	O&M	Engineer	HWI	423	891	HEL	NE	NHWZZZZZ	-	-	-
	O&M	Engineer	HWI	423	891	HEL	NE	NHWZZZZZ HWI891HELNENHWZZZZZ423	25	25	-
	O&M	Engineer	HWI	423	896	HEL	NE	NHWZZZZZ	1,884	(1,790)	3,674
	O&M	Engineer	HWI	423	896	HEL	NE	NHWZZZZZ HWI896HELNENHWZZZZZ423	2,611	2,611	-
	O&M	Engineer	HWI	423	897	HEL	NE	NHWZZZZZ	882	(831)	1,713
	O&M	Engineer	HWI	423	899	HEL	NE	NHWZZZZZ	885	(849)	1,735
	O&M	Engineer	HWI	423	899	HEL	NE	NHWZZZZZ HWI899HELNENHWZZZZZ423	318	318	-
	O&M	Engineer	HWI	423	901	HEL	NE	NHWZZZZZ	1,327	(1,265)	2,591
	O&M	Engineer	HWI	423	901	HEL	NE	NHWZZZZZ HWI901HELNENHWZZZZZ423	4,474	4,474	-
	O&M	Engineer	HWI	423	905	HEL	NE	NHWZZZZZ	496	(483)	979
	O&M	Engineer	HWI	423	905	HEL	NE	NHWZZZZZ HWI905HELNENHWZZZZZ423	171	171	-
	O&M	Engineer	HWI	423					21,001	(1,852)	22,853
	O&M	Engineer	HWI	501	720	HEL	NE	NHWZZZZZ HWI720HELNENHWZZZZZ501	170	170	-
	O&M	Engineer	HWI	501	730	HEL	NE	NHWZZZZZ HWI730HELNENHWZZZZZ501	1,291	1,291	-
	O&M	Engineer	HWI	501	789	HEL	NE	NHWZZZZZ HWI789HELNENHWZZZZZ501	9,441	9,441	-
	O&M	Engineer	HWI	501	890	HEL	NE	NHWZZZZZ training	8,200	(8,200)	16,400
	O&M	Engineer	HWI	501	897	HEL	NE	NHWZZZZZ HWI897HELNENHWZZZZZ501	14,244	14,244	-
	O&M	Engineer	HWI	501	931	HEL	NE	NHWZZZZZ HWI931HELNENHWZZZZZ501	1,203	1,203	-
	O&M	Engineer	HWI	501					34,549	18,149	16,400
	O&M	Engineer	HWI	520	890	HEL	NE	NHWZZZZZ travel - mainland	437	(2,624)	3,061
	O&M	Engineer	HWI	520					437	(2,624)	3,061
	O&M	Engineer	HWI	522	890	HEL	NE	NHWZZZZZ travel - honolulu	1,609	(1,609)	3,219
	O&M	Engineer	HWI	522					1,609	(1,609)	3,219
	O&M	Engineer	HWI	550	896	HEL	NE	NHWZZZZZ HWI896HELNENHWZZZZZ550	20,129	20,129	-
	O&M	Engineer	HWI	550					20,129	20,129	-
	O&M	Engineer	HWI						435,184	(52,717)	487,901
	O&M	Engineer	HWK	150	307	HAH	NE	H000ABAN HWK307HAHNEH000ABAN150	17	17	-
	O&M	Engineer	HWK	150	307	HAH	NE	H000ABAN HWK307HAHNEH000ABAN150PA-C	-	-	-
	O&M	Engineer	HWK	150	307	HAK	NE	H000ABAN HWK307HAKNEH000ABAN150	270	270	-
	O&M	Engineer	HWK	150	307	HAK	NE	H000ABAN HWK307HAKNEH000ABAN150DP-E	-	-	-
	O&M	Engineer	HWK	150	403	HAK	NE	NHDZZZZZ HWK403HAKNENHDZZZZZ150	928	928	-
	O&M	Engineer	HWK	150	403	HAK	NE	NHDZZZZZ HWK403HAKNENHDZZZZZ150DP-E	-	-	-
	O&M	Engineer	HWK	150	403	HAK	NE	NHDZZZZZ HWK403HAKNENHDZZZZZ150PA-C	-	-	-
588.00	O&M	Engineer	HWK	150	408	HAK	NE	NHWZZZZZ O&M Transfers	1,094	(4,897)	5,991
	O&M	Engineer	HWK	150	408	HDO	NS	H000ABAN HWK408HDONSH000ABAN150	8,748	8,748	-
	O&M	Engineer	HWK	150	408	HDO	NS	H000ABAN HWK408HDONSH000ABAN150CP	-	-	-

Hawaii Electric Light Company Inc.
Customer Service Department
Waimea Customer Service Division
Outside Services Forecast - 2006

Description	$
Telephone, cell phones	1,200
Armored car service	7,500
Waterman, plant rental,	1,176
Miscellanous services (copy machine lease, handheld device repair, etc.)	5,304
Total	15,180

	Account	RA	Activity	Location	Indicator	Expense Element	
Charged to:	903	HCW	600	HAW	NE	601	6,504
	903	HCW	618	HAW	NE	601	7,500
	588	HCW	931	HDO	NE	601	1,176
							15,180

ACCT.
588.00

O&M	Engineer	HWS	150	408	HAH NE	NHWZZZZZ	CWIP Transfers	12,741	(7,713)	20,454
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150	2,924	2,924	-
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150MAP	-	-	-
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150RH-(	-	-	-
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150RH-I	-	-	-
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150TT-(	-	-	-
O&M	Engineer	HWS	150	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN150TT-E	-	-	-
O&M	Engineer	HWS	150	475	HAH NE	NHDZZZZZ	HWS475HAHNENHDZZZZZ150	42	42	-
O&M	Engineer	HWS	150	475	HAH NE	NHDZZZZZ	HWS475HAHNENHDZZZZZ150RH-I	-	-	-
O&M	Engineer	HWS	150	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ150	4,888	4,888	-
O&M	Engineer	HWS	150	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ150ENG	-	-	-
O&M	Engineer	HWS	150	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ150RH-E	-	-	-
O&M	Engineer	HWS	150	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ150TCS	-	-	-
O&M	Engineer	HWS	150	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ150TT-E	-	-	-
O&M	Engineer	HWS	150	928	HEL NE	NHWZZZZZ	Create Easement Maps & Descriptio	11,981	(1,254)	13,235
O&M	Engineer	HWS	150					34,855	1,167	33,689
O&M	Engineer	HWS	155	307	HAH NE	H000ABAN	HWS307HAHNEH000ABAN155	93	93	-
O&M	Engineer	HWS	155	307	HAH NS	H000ABAN	HWS307HAHNSH000ABAN155	477	477	-
O&M	Engineer	HWS	155	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN155	242	242	-
O&M	Engineer	HWS	155	475	HAH NE	NHDZZZZZ	HWS475HAHNENHDZZZZZ155	(1)	(1)	-
O&M	Engineer	HWS	155	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ155	227	227	-
O&M	Engineer	HWS	155					1,038	1,038	-
O&M	Engineer	HWS	404	307	HAH NE	H000ABAN	HWS307HAHNEH000ABAN404	2,181	2,181	-
O&M	Engineer	HWS	404	307	HAH NS	H000ABAN	HWS307HAHNSH000ABAN404	229	229	-
O&M	Engineer	HWS	404	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN404	515	515	-
O&M	Engineer	HWS	404	475	HAH NE	NHDZZZZZ	HWS475HAHNENHDZZZZZ404	100	100	-
O&M	Engineer	HWS	404	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ404	3,568	3,568	-
O&M	Engineer	HWS	404					6,593	6,593	-
O&M	Engineer	HWS	406	307	HAH NE	H000ABAN	HWS307HAHNEH000ABAN406	276	276	-
O&M	Engineer	HWS	406	307	HAH NS	H000ABAN	HWS307HAHNSH000ABAN406	1,899	1,899	-
O&M	Engineer	HWS	406	408	HAH NE	NHWZZZZZ		848	(1,378)	2,226
O&M	Engineer	HWS	406	408	HDO NS	H000ABAN	HWS408HDONSH000ABAN406	539	539	-
O&M	Engineer	HWS	406	475	HAH NE	NHDZZZZZ	HWS475HAHNENHDZZZZZ406	9	9	-
O&M	Engineer	HWS	406	928	HEL NE	NHNZZZZZ	HWS928HELNENHNZZZZZ406	307	307	-
O&M	Engineer	HWS	406	928	HEL NE	NHWZZZZZ		848	(636)	1,484
O&M	Engineer	HWS	406					4,726	1,016	3,710
O&M	Engineer	HWS	407	307	HAH NE	H000ABAN	HWS307HAHNEH000ABAN407	356	356	-

Trouble-Inspector
Call-Outs for 2005

TC#	Date	Callout time	Start	End time	Penalty Code	Excess hr rate	TI	Shift	District	Circuit	Reason/Findings
500013	1/1/2005	23:56			2	14	JMC	PM	Hilo	Komohana 13	Auto accident, broken pole
500024	1/3/2005	3:08			4	16	MS	AM	Kona	Keauhou 11	NP, failed xfmr
500027	1/3/2005		15:00	3:30	1	8.5	MK	PM	Waimea	Waipunahina 11	NP, xfmr fuse
500031	1/3/2005		5:58	15:00	3	3.5	JMC	AM	Hilo	Kapoho 13	NP, tree
500083	1/5/2005		15:00	1:00	1	3.5	MK	PM	Waimea	Paauilo	NP, fuse
500084	1/6/2005	2:10	2:10	16:30	4	17.68	MK	PM	Kona	Kailua 15	NP, blown fuse
500186	1/10/2005		15:00	2:00	1	5.5	JMC	PM	Hilo	Hawn Bch 11	NP, tree
500188	1/10/2005		15:00	1:00	1	2.5	HW	PM	Kona	Kapua 12	Fire
500214	1/12/2005	1:48	2:00	7:00	3	10	HW	PM	Kona	Kapua 12	Fire
500303	1/14/2005	23:32			2	14.75	JMC	PM	Hilo	Kan 12	Auto accident, broken pole
500311	1/15/2005	6:40			3	3.5	MS	AM	Kona	Kuakini 12	NP, burnt c/o
500354	1/19/2005	0:13			2	4	GF	PM	Hilo	Kawailani 11	Auto accident, pole okay
500418	1/23/2005	2:55			2	8	MS	PM	Kona	Kahaluu 12	Auto accident, lines down
500436	1/24/2005		15:00	7:00	1	16.5	KHK	PM	Hilo	South Point 11	Volt complaint
500467	1/26/2005	1:35			2	4	GF	PM	Hilo	Kawailani 11	Auto accident, broken cross-arm
500479	1/26/2005		1:30	7:00	3	13	HW	PM	Kona	Capt Cook 11	Lines down
500493	1/28/2005		2:30	15:00	4	17	KHK	AM	Hilo	Kapoho 12	Lines down, tree
500509	1/30/2005	0:25	0:25	7:00	2	13.17	NJM	PM	Hilo	Panaewa 11	Auto accident, broken pole
500526	2/1/2005		5:00	16:30	3	3.5	KHK	AM	Hilo	Kapoho 11	Lines sparking
500544	2/2/2005	0:03	0:03	7:03	2	14	NJM	PM	Hilo	Kan 1101	Auto accident, lines down
500574	2/4/2005	1:53	1:53	7:00	2	10.23	NJM	PM	Hilo	Royal Hawn	NP, blown fuse
500683	2/11/2005	1:21	1:30	4:30	2	6	MK	PM	Waimea	Kawaihae 11	Auto accident, not HELCO
500713	2/14/2005	1:42	1:42	4:12	2	5	JMC	PM	Hilo	Komohana 13	Auto accident, pole okay
500714	2/14/2005		1:50	4:20	2	5	MK	AM	Waimea	Lalamilo 11	Auto accident, not HELCO
500784	2/18/2005	0:01	0:01	2:01	2	4	NJM	PM	Hilo	Kapoho 13	Fire
500826	2/22/2005		15:00	2:00	1	5.5	HW	PM	Kona	Keahole Airport 12	Flickering lights
500860	2/26/2005	2:26	2:30	23:00	2	9	MK	PM	Kona	Kapua 12	Auto accident, broken pole
500861	2/26/2005		4:30	18:00	3	4.5	KHK	AM	Hilo	Komohana 13	Accident, not HELCO
500914	3/2/2005	6:23	6:30	17:30	3	3.5	MK	AM	Kona	Capt Cook 12	Lines down
500951	3/5/2005	0:53			2	4	WR	PM	Hilo	Shipman 12	NP, balloon in lines
500993	3/8/2005	2:48	2:48	4:48	2	4	JMC	PM	Hilo	Komohana 12	NP, blown fuse
501055	3/10/2005	0:37	0:37	4:37	2	8	JMC	PM	Hilo	Kawailani 11	Flickering lights
501056	3/11/2005	3:14	3:15	5:45	2	5	MK	PM	Kona	Kuakini 12	Auto accident, pole okay
501107	3/15/2005	5:53	6:00	2:30	3	3.5	MK	AM	Waimea	Hawi 2	NP, trees in lines
501160	3/15/2005	23:00	23:00	1:00	1	3.5	JMC	PM	Hilo	South Point 11	Lines down
501200	3/18/2005	6:15	6:15	19:15	3	3.5	MK	AM	Kona	Paauilo 1	NP, trees in lines
501298	3/24/2005		15:00	1:30	1	4.5	MK	PM	Kona	Kailua 15	Lines arcing
501487	4/5/2005	23:00	23:00	6:30	1	14.5	JMC	PM	Hilo	Komohana 13	Auto accident, pole
501489	4/5/2005		15:00	1:00	1	3.5	MK	PM	Kona	Kuakini 11	Partial Power
501524	4/9/2005	3:05			2	8	CK	PM	Waimea	Honokaa 14	Auto accident, pole cracked
501537	4/10/2005	1:35	1:35	7:00	2	10.5	NJM	PM	Hilo	Hawn Beaches 11	NP, lines down

Penalty Codes
1. OT Past Evening Shift
2. Callout after Evening Shift
3. Callout after 3am and scheduled for Day Shift
4. Callout before 3am and scheduled for Day Shift

Trouble-Inspector
Call-Outs for 2005

TC#	Date	Callout time	Start	End time	Penalty Code	Excess hr rate	TI	Shift	District	Circuit	Reason/Findings
501595	4/13/2005		15:00	3:00	1	7.5	HW	PM	Kona	Capt Cook 11	Partial Power, cable fault
501598	4/14/2005	2:08			2	*4*	BL	PM	Hilo	Kan 11	Auto accident, pole okay
501618	4/14/2005		15:00	11:00	1	15.5	HW	PM	Kona	Kahaluu 15	NP, xfmr
501637	4/15/2005	23:00	23:00	2:00	1	7.5	JMC	PM	Hilo	Kaumana 11	NP
501638	4/15/2005		15:00	1:00	1	3.5	HW	PM	Waimea	Anae 13	NP
501638	4/15/2005		0:00	15:00	4	22	MK	AM	Waimea	Anae 13	NP, cable fault
501650	4/18/2005	0:45	0:45	15:00	4	20.5	MK	PM	Kona	Keauhou 13	Lines down
501651	4/18/2005	5:18			*3*	*3.5*	HW	AM	Waimea	Anae 12	NP, cable fault
501735	4/23/2005	0:45	0:45	7:00	2	12.5	JMC	AM	Hilo	Laupahoehoe	NP, broken conductor
501739	4/24/2005	0:16			2	*13.5*	NJM	PM	Hilo	Puueo 11	Auto accident, broken pole
501741	4/24/2005	6:19	6:30	15:30	3	3.5	MK	AM	Kona	Huehue 11	NP, blown fuse
501808	4/29/2005	3:40	3:40	7:00	2	6.66	JMC	PM	Hilo	Puueo 11	Auto accident, blown fuse
501816	4/25/2005		15:00	3:30	1	8.5	MK	PM	Kona	Kahaluu 15	NP, xfmr
501824	4/29/2005	23:28	23:28	1:58	2	5.5	JMC	PM	Hilo	Kan 14	Auto accident, blown fuse
501860	5/3/2005	6:17			3	3.5	HW	AM	Waimea	Waikoloa 12	NP, cable fault
501900	5/6/2005	0:15			2	*13.5*	CK	PM	Kona	Capt Cook 12	NP, lines down
502000	5/14/2005	4:04	4:04	7:00	3	5.5	JMC	AM	Hilo	Kurtistown 12	NP, blown fuse
502014	5/15/2005	23:30	23:30	4:30	2	9.75	JMC	PM	Hilo	Komohana 12	NP, blown fuse
502081	5/21/2005	5:17	5:15	16:30	3	3.5	MK	AM	Kona	Kuakini 11	Auto accident, pole okay
502089	5/21/2005		15:00	3:30	1	8.5	HW	PM	Kona	Kailua 12	NP, cable fault
502139	5/25/2005		15:00	1:30	1	4.5	MK	PM	Kona	Puuwaawaa 12	NP, fuse
502155	5/26/2005		15:00	1:00	1	3.5	MK	PM	Kona	Keauhou 13	NP, tree
502181	5/29/2005	5:26	5:30	15:00	3	3.5	HW	AM	Kona	Huehue 11	NP, trees in lines
502279	6/3/2005	23:30	0:45	2:30	2	4	HW	PM	Kona	Kuakini 11	NP, trees in lines
502306	6/6/2005		15:00	4:00	1	9.5	JMC	PM	Hilo	Kanoelehua 11	Auto accident
502341	6/8/2005		4:45	17:15	3	4	HW	AM	Waimea	Hataula	NP, tree
502366	6/8/2005		15:00	3:00	1	7.5	MK	PM	Waimea	Honokaa 14	NP, fuse
502393	6/11/2005	0:55	0:55	3:55	2	6	JMC	PM	Hilo	Panaewa 11	NP
502471	6/16/2005		5:25	15:00	3	3.5	JMC	AM	Hilo	Komohana 13	NP
502473	6/16/2005	6:34	6:37	16:30	3	3.5	CK	AM	Kona	Capt Cook 12	NP, trees in lines
502488	6/17/2005	6:29	6:29	7:00	3	3.5	CK	AM	Kona	Waipunahina	NP, customer breaker
502515	6/19/2005	6:23	6:23	7:00	3	3.5	CK	AM	Kona	Kuakini 11	Auto accident, not HELCO
502538	6/21/2005	2:52	2:52	4:52	2	4	JMC	PM	Hilo	Ainaloa 12	Lines arcing, vegetation in lines
502576	6/22/2005	23:00	23:00	2:00	1	5.5	JMC	PM	Hilo	Ainaloa 12	Lines down
502617	6/25/2005		6:20	19:00	3	3.5	JMC	AM	Hilo	Hawn Bch 11	NP, defective tsf
502673	8/29/2005	3:15			2	7	PG	PM	Hilo	Ainaloa 11	Auto accident, broken pole
502686	6/27/2005		15:00	3:30	1	8.5	HW	PM	Kona	Keafia 12	Auto accident
502730	7/2/2005	2:59	3:00	15:00	4	16	MK	AM	Kona	Various	NP, lines down
502801	7/8/2005		6:15	15:30	3	3.5	MK	AM	Kona	Keafia 11	NP
502882	7/12/2005	23:21			2	6	WI	PM	Hilo	Shipman 12	NP, trees in lines
502883	7/12/2005	23:56	0:00	2:00	2	4	HW	PM	Waimea	Mafiu Ridge 11	Lines sagging, not HELCO

Penalty Codes
1. OT Past Evening Shift
2. Callout after Evening Shift
3. Callout after 3am and scheduled for Day Shift
4. Callout before 3am and scheduled for Day Shift

highlight italics indicates accumulated code 4 ...

Trouble-Inspector
Call-Outs for 2005

TC#	Date	Callout time	Start	End time	Penalty Code	Excess hr rate	TI	Shift	District	Circuit	Reason/Findings
502940	7/15/2005		15:00	1:30	1	4.5	MK	PM	Waimea	Lalamilo 11	Flickering lights
502951	7/18/2005	2:25	2:25	5:55	2	7	JMC	PM	Hilo	Kauhale 11	Fire
502964	7/18/2005		15:00	4:30	1	10.5	KHK	PM	Hilo	Puueo 1402	Lines down, tree
503041	7/24/2005	1:01	1:01	3:01	2	4	JMC	AM	Hilo	Mt. View 11	Lines arcing, vegetation in lines
503071	7/26/2005	5:10			3	3.5	CK	AM	Kona	Honokaa 14	NP, lines down
503119	7/27/2005		15:00	1:30	1	4.5	MK	PM	Waimea	Hawi 1	Volt complaint
503120	7/28/2005	2:08	2:08	7:00	2	10	JMC	PM	Hilo	Kan 12	Auto accident, NP
503131	7/29/2005		5:38	15:00	3	3.5	KHK	AM	Hilo	Puueo 1402	Partial Power, vines
503138	7/29/2005		15:00	3:00	1	7.5	JMC	PM	Hilo	Kauhale 1	NP, defective tsf
503144	7/30/2005		15:00	2:00	1	5.5	JMC	PM	Hilo	Papaikou 1	NP
503155	8/1/2005	0:46	0:46	2:46	2	4	JMC	PM	Hilo	Kaumana 11	Auto accident, pole okay
503228	8/4/2005		15:00	3:30	1	8.5	KHK	PM	Hilo	Hakalau 1	NP
503282	8/8/2005		15:00	3:30	1	8.5	HW	PM	Kona	Kapua 12	NP
503426	8/18/2005	1:27	1:27		2	4	GN	PM	Hilo	Panaewa 11	NP, blown fuse
503572	8/30/2005	1:09	1:09	7:00	2	11.7	KHK	PM	Hilo	Hakalau	Volt complaint, xfmr
503634	9/3/2005	1:13			2	6	AP	PM	Hilo	Komohana 12	NP, broken lug at xfmr
503647	9/3/2005	23:31			2	2.75	AP	PM	Hilo	Komohana 13	NP, customer breaker
503657	9/5/2005	5:40			3	3.5	CK	AM	Kona	Kahaluu 12	NP, cable fault
503679	9/6/2005		15:00	3:00	1	7.5	MK	PM	Waimea		Flickering lights
503701	9/8/2005	0:40	0:40	2:40	2	4	JMC	PM	Hilo	Puueo 1402	Lines arcing, vegetation in lines
503736	9/10/2005	4:40	4:45	16:00	3	4	HW	AM	Waimea	Huehue 11	Brush fire, not HELCO lines
503746	9/11/2005	6:27	6:30	7:00	3	3.5	MK	AM	Kona	Kealia 12	NP, blown fuse
503824	9/15/2005		5:00	16:00	3	3.5	KHK	AM	Hilo	Puueo 11	NP
503888	9/18/2005	0:42	0:42	2:42	2	4	JMC	PM	Hilo	Kan 14	Auto accident, pole cracked
504008	9/24/2005		2:45	5:00	2	4.5	KHK	AM	Hilo	Puueo 1402	Accident, pole
504084	9/30/2005	0:13			2	8	KKK	PM	Hilo	Ainaloa 12	NP, trees in lines
504133	10/1/2005		15:00	2:30	1	6.5	MK	PM	Waimea	Waika	NP, tree
504134	10/2/2005	3:32	3:32	7:00	2	7	JMC	PM	Hilo	Puueo 11	Auto accident, cracked pole
504143	10/2/2005	23:52			2	4	JMC	PM	Hilo	Kan 12	Auto accident, pole okay
504145	10/3/2005	4:01	4:00	7:00	3	5.5	MK	PM	Kona	Kamuela 12	NP, blown fuse
504146	10/30/2005	6:29			3	3.5	HW	AM	Waimea	Kuakini 11	Partial power, blown fuse
504218	10/7/2005	3:11			2	5	KHK	PM	Hilo	Kaumana 11	NP, trees in lines
504219	10/7/2005	6:05	6:00	7:00	3	3.5	MK	AM	Kona		NP, customer breaker
504235	10/8/2005	1:30	2:00	5:30	2	5	MK	AM	Kona	Kuakini 11	Volt complaint, cust side
504273	10/11/2005	5:10			3	3.5	HW	AM	Waimea	Kealia 12	NP, blown fuse
504356	10/16/2005	1:08	1:08	7:00	2	11.73	JMC	PM	Hilo	Kapoho 13	Auto accident, broken pole
504387	10/17/2005		15:00	7:30	1	16.5	KHK	PM	Hilo	Puueo 11	Accident, pole
504465	10/22/2005	23:51	0:00	5:00	2	10	HW	PM	Kona	Keahole Airport 13	NP, cable fault
504475	10/17/2005		15:00	3:00	1	7.5	MK	PM	Waimea	Waipunahina 11	NP
504515	10/25/2005		15:00	2:00	1	5.5	KHK	PM	Hilo	Ainaloa 12	NP, blown L/A
504545	10/28/2005	4:48	4:48	7:00	2	3.9	JMC	PM	Hilo	Line 8400	Transmission trip, unknown

Penalty Codes
1. OT Past Evening Shift
2. Callout after Evening Shift
3. Callout after 3am and scheduled for Day Shift
4. Callout before 3am and scheduled for Day Shift

Trouble-Inspector
Call-Outs for 2005

TC#	Date	Callout time	Start	End time	Penalty Code	Excess hr rate	TI	Shift	District	Circuit	Reason/Findings
504560	10/30/2005	3:03	3:03	5:00	2	4	JMC	PM	Hilo	Kurtistown 12	Auto accident, pole okay
504567	10/31/2005	2:01	2:01	4:00	2	4	JMC	PM	Hilo	Kan	Auto accident, not HELCO
504639	11/3/2005	2:13			2	8.5	KHK	PM	Hilo	Kauhale	Auto accident, broken pole
504687	11/6/2005	1:22			2	4	KKK	PM	Hilo	Ainaloa 11	Box sparking, not HELCO
504704	11/7/2005		15:00	1:30	1	4.5	JMC	PM	Hilo	Laupahoehoe 1	Flickering lights
504727	11/8/2005		15:00	3:30	1	8.5	MK	PM	Waimea	Waikoloa 11	NP
504772	11/12/2005	1:00	1:00	7:00	4	20	JMC	AM	Hilo		NP
504854	11/18/2005	2:00	2:00	5:30	2	5	HW	PM	Waimea	Honokaa 12	Partial power, bad crimp
504928	11/25/2005	2:02	2:00	15:00	4	18	MK	PM	Kona	Huehue 11	NP, cable fault
505038	12/3/2005	4:27	4:45	15:00	3	4	CK	AM	Kona	Keauhou 11	NP, trees in lines
505052	12/5/2005	0:35	0:35	7:00	4	20.83	JMC	PM	Hilo		Lines down/arcing
505085	12/7/2005		4:00	6:00	2	4	JMC	PM	Hilo	Kapoho 13	NP, blown fuse
505497	12/30/2005	1:18	1:30	7:00	2	11	MK	PM	Kona	Kuakini 12	NP, cable fault
505510	12/30/2005	23:19			2	3.66	JMC	PM	Hilo	Panaewa 12	Auto accident, not HELCO
505511	12/31/2005	1:35			2	11	JMC	PM	Hilo	Kapoho 12	NP, lines down
						988.79					

Penalty Codes
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4. Callout before 3am and scheduled for Day Shift

Trouble-Inspector
Call-Outs for 2005

TC#	Date	Callout time	Start	End time	Penalty Code	Excess hr rate	TI	Shift	District	Circuit	Reason/Findings

Excess hr rate calculations:

Between 2300 and 0000 at 1.5x
Between 0600 and 0700 at 1.5x, except as noted above
1st 4 hrs at 1.5x, thereafter at 2x
Callout 2 hr minimum

Examples

PM T/I works until 0300

2300-0000	1.5 x 1 hr	1.5
0000-0300	2 x 3hrs	6
Total		6.5

PM T/I called out at 2330 and works until 0700

2330-0000	1.5 x 0.5 hr	0.75
0000-0700	2 x 7 hrs	14
Total		18:00

AM T/I called out at 0400 and works through normal Day Shift

0400-0600	2 x 2hrs	4
0600-0700	1.5 x 1 hr	1.5
Total		5.5

AM T/I called out at 0600 and works through normal Day Shift

0500-0600 2hr min	2 x 1hr	2
0600-0700	1.5 x 1 hr	1.5
Day	Normal	0
Total		3.5

AM T/I called out at 0200 and works through normal Day Shift

0200-0700	2 x 5 hrs	10
Day	all 2x	8
Total		18

Penalty Codes
1. OT Past Evening Shift
2. Callout after Evening Shift
3. Callout after 3am and scheduled for Day Shift
4. Callout before 3am and scheduled for Day Shift

highlight italics indicates approximated costs and hrs