Hawaiian Electric Company, Inc. • PO Box 2750 • Honolulu, HI 96840

✓ BKK

May 17, 2005

William A. Bonnet
Vice President
Government and Community Affairs

FILED
2005 MAY 17 P 4:02
PUBLIC UTILITIES COMMISSION

Ms. Cheryl Kikuta
Utilities Administrator
Division of Consumer Advocacy
Department of Commerce and
Consumer Affairs
335 Merchant Street, Room 326
Honolulu, Hawaii 96813

Dear Ms. Kikuta:

Subject: Docket No. 04-0113
HECO 2005 Test Year Rate Case
May 10, 2005 Request for Information

In response to Mr. Steve Carver of Utilitech's informal request for information to HECO, attached are the following documents:

1. quantification of the refunding of Series 2005A revenue bonds on interest expense (Attachment 1); and

2. HECO's March – April 2005 actual headcount data similar to information provided in response (Attachment 2).

Please note that only one copy of the CD containing the MS Excel file for the Attachment 1 is being provided to the Consumer Advocate, Department of Defense and the Commission.

Sincerely,

Attachments

cc: Public Utilities Commission
Utilitech, Inc.
K. Davoodi
Larkin & Associates
M. Brubaker
Hill and Associates

	Per Direct Testimony HECO-2103					Including Refunding Series 2005A					Difference		
	Source: Direct Testimony HECO 2103 Page 1					*Source: Page 4, Attachment 5 of Update sent May 5, 2005*							
	(A)	(B)	(C) = (A)*(B)	(D) = WP-2103, p.3	(E) = (C)+(D)	(A)	(B)	(C) = (A)*(B)	(D) = WP-2103, p.3	(E) = (C)+(D)			
Long-Term Debt	Rate	Net Proceeds	Annual Interest	Annual Amortization	Annual Requirement	Rate	Net Proceeds	Annual Interest	Annual Amortization	Annual Requirement	Annual Interest	Annual Amortization	Annual Requirement
Special Purpose Revenue Bonds (Refunded Issue):													
Series 1993	5.45%	$ 50,000	$ 2,725	$ 89	$ 2,814	5.45%	$ 50,000	$ 2,725	$ 89	$ 2,814	-	-	-
Series 1995A	6.60%	40,000	2,640	82	2,722	6.60%	20,000	1,320	102	1,422	(1,320)	20	(1,300)
Series 1996A	6.20%	48,000	2,976	79	3,055	6.20%	48,000	2,976	79	3,055	-	-	-
Series 1996B	5 7/8%	14,000	823	19	842	5 7/8%	14,000	823	19	842	-	-	-
Series 1997A	5.65%	50,000	2,825	71	2,896	5.65%	50,000	2,825	71	2,896	-	-	-
Refunding Series 1998A (1987)	4.95%	42,580	2,108	254	2,362	4.95%	42,580	2,108	254	2,362	-	-	-
Refunding Series 1999B (1988)	5.75%	30,000	1,725	118	1,843	5.75%	30,000	1,725	118	1,843	-	-	-
Series 1999C	6.20%	35,000	2,170	63	2,233	6.20%	35,000	2,170	63	2,233	-	-	-
Refunding Series 1999D (1990A)	6.15%	16,000	984	49	1,033	6.15%	16,000	984	49	1,033	-	-	-
Refunding Series 2000 (1990B&C)	5.70%	46,000	2,622	181	2,803	5.70%	46,000	2,622	181	2,803	-	-	-
Series 2002A ***	5.10%	33,644	1,716	106	1,822	5.10%	33,644	1,716	106	1,822	-	-	-
Refunding Series 2003B (1992)	5.00%	40,000	2,000	195	2,195	5.00%	40,000	2,000	195	2,195	-	-	-
Refunding Series 2005A (1995A)						4.80%	20,000	960	81	1,041	960	81	1,041
Unamortized Costs, Revenue Bonds *		(20,184)					(20,881)						
Unamortized Costs, First Mtg Bonds **		(779)		103	103		(779)		103	103			
Test Year 2005 Average		$ 424,262	$ 25,313	$ 1,410	$ 26,723		$ 423,565	$ 24,953	$ 1,511	$ 26,464	$ (360)	$ 101	$ (259)
Effective Rate = Total(E)/Total(B)					6.30%					6.25%			

ATTACHMENT 1
DOCKET NO. 04-0113
PAGE 1 OF 1

635 Employee Count by Department/Divisio. within VP Function as of 03/31/20

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 03/31/2005
District: P HAWAIIAN ELECTRIC COMPANY
VP Function: *
Department: *
Division: *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CORPORATE EXCELLENCE						
COMPENSATION AND BENEFITS						
	PFC	COMPENSATION	0	0	2	2
	PPW	DISABILITY MANAGEMENT	0	0	3	3
	PFB	EMPL BENEFITS & HLTH SVCS	0	0	9	9
		Subtotal for COMPENSATION AND BENEFITS	0	0	14	14
INDUSTRIAL RELATIONS						
	PPA	ADMINISTRATION	0	0	3	3
	PPI	LABOR REL & WAGE ADMIN	0	0	6	6
		Subtotal for INDUSTRIAL RELATIONS	0	0	9	9
SAFETY, SECURITY & FACILITIES						
	PHA	ADMINISTRATION	0	0	2	2
	PFS	CORPORATE SAFETY	4	0	7	11
	PHB	FACILITIES OPERATIONS	14	0	1	15
	PHF	FACILITIES PLANNING	0	0	5	5
	PHS	SECURITY	0	0	18	18
		Subtotal for SAFETY, SECURITY & FACILITIES	18	0	33	51
VP CORPORATE EXCELLENCE						
	P6V	VP CORPORATE EXCELLENCE	0	1	1	2
WORKFORCE STAFFING & DEVELOP						
	PFA	ADMINISTRATION	0	0	4	4
	PFD	CLIENT SERVICES & CONSULTING	0	0	10	10
	PFI	ORGANIZ DEV & CONTIN IMPRVMT	0	0	3	3
		Subtotal for WORKFORCE STAFFING & DEVELOP	0	0	17	17
		Total for CORPORATE EXCELLENCE	18	1	74	93
CORPORATE RELATIONS						

ATTACHMENT 2
DOCKET NO. 04-0113
PAGE 1 OF 18

635 Employee Count by Department/Division within VP Function as of 03/31/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 03/31/2005
District: P *HAWAIIAN ELECTRIC COMPANY* *Department:* *
VP Function: * *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CORPORATE COMMUNICATIONS						
	PQC	CORPORATE COMMUNICATIONS	1	0	8	9
VP CORPORATE RELATIONS						
	P1V	VP CORPORATE RELATIONS	0	1	1	2
		Total for CORPORATE RELATIONS	1	1	9	11
CUSTOMER SOLUTIONS						
CUSTOMER TECH APPLICATIONS						
	PSR	CUSTOMER TECH APPLICATIONS	1	0	8	9
ENERGY SERVICES						
	PSA	ADMINISTRATION	0	0	3	3
	PSD	CUSTOMER EFFICIENCY PROGRAM	1	0	7	8
	PSP	PRICING	0	0	5	5
		Subtotal for ENERGY SERVICES	1	0	15	16
FORECASTS & RESEARCH						
	PSM	FORECASTS & RESEARCH	0	0	10	10
INTEGRATED RESOURCE PLNG						
	PYP	INTEGRATED RESOURCE PLANNING	0	0	4	4
MARKETING SERVICES						
	PSN	MARKETING SERVICES	0	0	12	12
VP CUSTOMER SOLUTIONS						
	P1W	CUSTOMER SOLUTIONS	0	1	1	2
		Total for CUSTOMER SOLUTIONS	2	1	60	63
ENERGY DELIVERY						
CONSTRUCTION & MAINTENANCE						
	PDA	ADMINISTRATION	0	0	5	5

635 Employee Count by Department/Division within VP Function as of 03/31/20

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 03/31/2005
District: P — *HAWAIIAN ELECTRIC COMPANY* — *Department:* *
VP Function: * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA		BU	EXEC	MERIT	TOTAL
				CLASSIFICATION GROUPINGS			
		PDC	CONTROL SECTION	6	0	0	6
		PDK	EAST OVERHEAD-KOOLAU	25	0	0	25
		PDL	EAST OVERHEAD-WARD	43	0	0	43
		PDF	FIELD OPERATION	21	0	0	21
		PDS	OPERATIONS	0	0	13	13
		PDP	PLANNING	5	0	12	17
		PDD	TRAINING SECTION	7	0	2	9
		PDU	UNDERGROUND	24	0	0	24
		PDV	VEGETATION MANAGEMENT	0	0	2	2
		PDJ	WEST OVERHEAD	52	0	0	52
		Subtotal for CONSTRUCTION & MAINTENANCE		183	0	34	217
	ENGINEERING						
		PBA	ADMINISTRATION	4	0	3	7
		PBP	PROJECT MANAGEMENT	0	0	6	6
		PBT	STRUCTURAL	5	0	12	17
		PBY	SUBST,PROTECTION&TELECOM	3	0	17	20
		PBE	T&D ENGINEERING	3	0	20	23
		PBZ	T&D TECHNICAL SERVICES	2	0	7	9
		Subtotal for ENGINEERING		17	0	65	82
	SUPPORT SERVICES						
		PVA	ADMINISTRATION	0	0	5	5
		PVL	ELECTRICAL & WELDING SERVICES	12	0	1	13
		PVF	FLEET	21	0	3	24
		PVM	MATERIALS MANAGEMENT	24	0	4	28
		PVP	PURCHASING	3	0	8	11
		Subtotal for SUPPORT SERVICES		60	0	21	81
	SYSTEM OPERATION						
		PRA	ADMINISTRATION	3	0	1	4
		PRC	COMMUNICATIONS	6	0	2	8

635 Employee Count by Department/Division within VP Function as of 03/31/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters — *AsOfDate:* 03/31/2005; *District:* P — HAWAIIAN ELECTRIC COMPANY; *Department:* *; *VP Function:* *; *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA		BU	EXEC	MERIT	TOTAL
				CLASSIFICATION GROUPINGS			
		PRX	CONSTRUCTION MANAGEMENT	2	0	1	3
		PRI	INSTRUMENT & CONTROL	6	0	3	9
		PRD	OPERATING DISPATCH	9	0	12	21
		PRE	OPERATING ENGINEERING	5	0	6	11
		PRR	RELAY	6	0	3	9
		PRS	SUBSTATION	30	0	4	34
			Subtotal for SYSTEM OPERATION	67	0	32	99
	VP ENERGY DELIVERY						
		P2V	VP ENERGY DELIVERY	0	1	1	2
			Total for ENERGY DELIVERY	327	1	153	481
FINANCE							
	FINANCIAL VICE PRESIDENT						
		P4V	FINANCIAL VICE PRESIDENT	0	1	3	4
	GENERAL ACCOUNTING						
		PAA	ADMINISTRATION	0	2	3	5
		PAC	CORPORATE ACCOUNTING	0	0	5	5
		PAD	COST ACCOUNTING	6	0	4	10
		PAT	PROPERTY ACCOUNTING	2	0	3	5
			Subtotal for GENERAL ACCOUNTING	8	2	15	25
	INFO TECHNOLOGY & SVCS						
		PEA	ADMINISTRATION	0	0	2	2
		PEC	CUSTOMER CARE	1	0	21	22
		PED	DEVELOPMENT SERVICES	0	0	30	30
		PEI	INFRASTRUCTURE & OPERATIONS	7	0	15	22
		PEM	MAILING SERVICES	8	0	1	9
		PEP	PROJECT & BUSINESS MGMT	0	0	7	7
			Subtotal for INFO TECHNOLOGY & SVCS	16	0	76	92

635 Employee Count by Department/Division within VP Function as of 03/31/20

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate:	*03/31/2005*			
District:	*P*	*HAWAIIAN ELECTRIC COMPANY*	*Department:*	*
VP Function:	*		*Division:*	*

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
MANAGEMENT ACCTG & FIN SVCS						
	PKB	ADMINISTRATION	0	1	2	3
	PKC	BUDGETS	0	0	7	7
	PKM	ERP ADMINISTRATION	0	0	3	3
	PKF	FINANCIAL ANALYSIS	0	0	3	3
	PKT	TREASURY	0	0	5	5
		Subtotal for MANAGEMENT ACCTG & FIN SVCS	0	1	20	21
RISK MANAGEMENT						
	PKI	RISK MANAGEMENT	2	0	7	9
		Total for FINANCE	26	4	121	151
GENERAL COUNSEL						
LEGAL						
	PNL	LAND & RIGHTS OF WAY	0	0	5	5
	PNC	LEGAL	0	0	11	11
		Subtotal for LEGAL	0	0	16	16
VP GENERAL COUNSEL						
	P5V	VP-GENERAL COUNSEL	0	1	1	2
		Total for GENERAL COUNSEL	0	1	17	18
GOVT & COMMUNITY AFFAIRS						
EDUCATION & CONSUMER AFFAIRS						
	PQE	EDUCATION & CONSUMER AFFAIRS	1	0	5	6
REGULATORY AFFAIRS						
	PNP	REGULATORY AFFAIRS	0	0	6	6
VP GOVT & COMMUNITY AFFAIRS						
	P3V	VP GOVT & COMMUNITY AFFAIRS	0	1	5	6

635 Employee Count by Department/Division within VP Function as of 03/31/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 03/31/2005
District: P — *HAWAIIAN ELECTRIC COMPANY*
VP Function: *
Department: *
Division: *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
Total for GOVT & COMMUNITY AFFAIRS			1	1	16	18
POWER SUPPLY						
ENVIRONMENTAL						
	PJA	ADMINISTRATION	1	0	3	4
	PJB	AIR QUALITY & NOISE	0	0	6	6
	PJC	CHEMISTRY	0	0	7	7
	PJW	WATER & HAZARDOUS MATERIAL	0	0	7	7
		Subtotal for ENVIRONMENTAL	1	0	23	24
POWER SUPPLY ENGINEERING						
	PYA	ADMINISTRATION	0	0	3	3
	PYG	POWER PLANT DRAFTING	2	0	0	2
	PYF	POWER PLANT ELECT ENGRG	0	0	10	10
	PYJ	POWER PLANT PROJECT MGT	0	0	5	5
	PYM	POWR PLANT MECH ENGRG	0	0	9	9
	PYE	PS TECHNICAL SERVICES	0	0	9	9
	PYC	SUPPORT STAFF	2	0	0	2
		Subtotal for POWER SUPPLY ENGINEERING	4	0	36	40
POWER SUPPLY OPER & MAINT						
	PIN	HONOLULU STATION MAINTENANCE	7	0	1	8
	PIH	HONOLULU STATION OPERATIONS	16	0	5	21
	PIL	KAHE STATION MAINTENANCE	25	0	2	27
	PIK	KAHE STATION OPERATIONS	49	0	8	57
	PIM	MAINTENANCE ADMINISTRATION	1	0	1	2
	PIB	O&M ADMINISTRATION	0	0	7	7
	PIO	OPERATIONS ADMINISTRATION	0	0	3	3
	PIP	PLANNING	1	0	16	17
	PIT	TRAVELING MAINTENANCE	63	0	4	67
	PIX	WAIAU STATION MAINTENANCE	24	0	2	26
	PIW	WAIAU STATION OPERATIONS	54	0	8	62

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Report Parameters

AsOfDate: 03/31/2005
District: P — *HAWAIIAN ELECTRIC COMPANY* — *Department:* *
VP Function: * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
		Subtotal for POWER SUPPLY OPER & MAINT	240	0	57	297
	POWER SUPPLY SERVICES					
	PIF	FUEL RESOURCES	1	0	2	3
	PYB	GENERATION PLANNING	0	0	9	9
	PIC	POWER PURCHASE	0	0	6	6
	PIA	SERVICES ADMINISTRATION	0	0	5	5
	PYT	TRANSMISSION PLANNING	0	0	8	8
		Subtotal for POWER SUPPLY SERVICES	1	0	30	31
	VP POWER SUPPLY					
	P7V	VP POWER SUPPLY	0	1	1	2
		Total for POWER SUPPLY	246	1	147	394
PRESIDENT - HECO						
	CORPORATE AUDIT & COMPLIANCE					
	PNX	ADMINISTRATION	0	0	3	3
	PNA	INTERNAL AUDIT	0	0	2	2
	PNS	SOX COMPLIANCE	0	0	3	3
		Subtotal for CORPORATE AUDIT & COMPLIANCE	0	0	8	8
	PRESIDENT'S OFFICE					
	P9P	PRESIDENT'S OFFICE	0	2	3	5
		Total for PRESIDENT - HECO	0	2	11	13
SPECIAL PROJECTS						
	VP SPECIAL PROJECTS					
	P2W	VP SPECIAL PROJECTS	0	1	3	4
		Total for SPECIAL PROJECTS	0	1	3	4
SR VP ENERGY SOLUTIONS						

635 Employee Count by Department/Division within VP Function as of 03/31/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 03/31/2005
District: P — *HAWAIIAN ELECTRIC COMPANY* — *Department:* *
VP Function: * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CUSTOMER INSTALLATION						
	PWA	ADMINISTRATION	5	0	5	10
	PWX	ENGINEERING & METER	10	0	3	13
	PWP	PLANNING & DESIGN	13	0	10	23
		Subtotal for CUSTOMER INSTALLATION	**28**	**0**	**18**	**46**
ENERGY PROJECTS						
	PNG	ENERGY PROJECTS	0	0	8	8
SR VP ENERGY SOLUTIONS						
	P9S	SR VP ENERGY SOLUTIONS	0	1	3	4
TECHNOLOGY						
	PNR	TECHNOLOGY	0	0	3	3
		Total for SR VP ENERGY SOLUTIONS	**28**	**1**	**32**	**61**
SR VP OPERATIONS						
CUSTOMER SERVICE						
	PCA	ADMINISTRATION	0	0	5	5
	PCD	CREDIT	0	0	4	4
	PCB	CUST ACCOUNTING & BILLING	4	0	2	6
	PCS	CUSTOMER ACCOUNT SERVICES	1	0	3	4
	PCH	CUSTOMER ASSISTANCE CENTER	27	0	2	29
	PCF	CUSTOMER FIELD SERVICES	0	0	5	5
	PCG	FIELD SERVICE & COLLECTIONS	23	0	2	25
	PCM	METER READING	30	0	1	31
	PCP	PAYMT PROCESS & SUPPORT CTR	14	0	1	15
		Subtotal for CUSTOMER SERVICE	**99**	**0**	**25**	**124**
SR VP OPERATIONS						
	P8V	SR VP OPERATIONS	0	1	1	2

635 Employee Count by Department/Division within VP Function as of 03/31/20

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate:	*03/31/2005*			
District:	*P*	*HAWAIIAN ELECTRIC COMPANY*	*Department:*	*
VP Function:	*		*Division:*	*

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	CLASSIFICATION GROUPINGS BU	EXEC	MERIT	TOTAL
Total for SR VP OPERATIONS			99	1	26	126
SR VP PUBLIC AFFAIRS						
GOVERNMENTAL RELATIONS						
	PNI	GOVERNMENTAL RELATIONS	0	0	3	3
SR VP PUBLIC AFFAIRS						
	P9V	SR VP PUBLIC AFFAIRS	0	1	1	2
Total for SR VP PUBLIC AFFAIRS			0	1	4	5
Total for HAWAIIAN ELECTRIC COMPANY			748	17	663	1428

635 Employee Count by Department/Division within VP Function as of 04/30/2005

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Report Parameters

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District: P HAWAIIAN ELECTRIC COMPANY *Department:* *
VP Function: * *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CORPORATE EXCELLENCE						
COMPENSATION AND BENEFITS						
	PFC	COMPENSATION	0	0	2	2
	PPW	DISABILITY MANAGEMENT	0	0	3	3
	PFB	EMPL BENEFITS & HLTH SVCS	0	0	9	9
		Subtotal for COMPENSATION AND BENEFITS	0	0	14	14
INDUSTRIAL RELATIONS						
	PPA	ADMINISTRATION	0	0	3	3
	PPI	LABOR REL & WAGE ADMIN	0	0	6	6
		Subtotal for INDUSTRIAL RELATIONS	0	0	9	9
SAFETY, SECURITY & FACILITIES						
	PHA	ADMINISTRATION	0	0	2	2
	PFS	CORPORATE SAFETY	4	0	7	11
	PHB	FACILITIES OPERATIONS	14	0	1	15
	PHF	FACILITIES PLANNING	0	0	5	5
	PHS	SECURITY	0	0	17	17
		Subtotal for SAFETY, SECURITY & FACILITIES	18	0	32	50
VP CORPORATE EXCELLENCE						
	P6V	VP CORPORATE EXCELLENCE	0	1	1	2
WORKFORCE STAFFING & DEVELOP						
	PFA	ADMINISTRATION	0	0	4	4
	PFD	CLIENT SERVICES & CONSULTING	0	0	10	10
	PFI	ORGANIZ DEV & CONTIN IMPRVMT	0	0	2	2
		Subtotal for WORKFORCE STAFFING & DEVELOP	0	0	16	16
		Total for CORPORATE EXCELLENCE	18	1	72	91
CORPORATE RELATIONS						

ATTACHMENT 2
DOCKET NO. 04-0113
PAGE 10 OF 18

635 Employee Count by Department/Division within VP Function as of 04/30/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 04/30/2005
District: P — *HAWAIIAN ELECTRIC COMPANY*
VP Function: *
Department: *
Division: *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CORPORATE COMMUNICATIONS						
	PQC	CORPORATE COMMUNICATIONS	1	0	9	10
VP CORPORATE RELATIONS						
	P1V	VP CORPORATE RELATIONS	0	1	1	2
		Total for CORPORATE RELATIONS	1	1	10	12
CUSTOMER SOLUTIONS						
CUSTOMER TECH APPLICATIONS						
	PSR	CUSTOMER TECH APPLICATIONS	1	0	8	9
ENERGY SERVICES						
	PSA	ADMINISTRATION	0	0	3	3
	PSD	CUSTOMER EFFICIENCY PROGRAM	1	0	7	8
	PSP	PRICING	0	0	5	5
		Subtotal for ENERGY SERVICES	1	0	15	16
FORECASTS & RESEARCH						
	PSM	FORECASTS & RESEARCH	0	0	10	10
INTEGRATED RESOURCE PLNG						
	PYP	INTEGRATED RESOURCE PLANNING	0	0	4	4
MARKETING SERVICES						
	PSN	MARKETING SERVICES	0	0	12	12
VP CUSTOMER SOLUTIONS						
	P1W	CUSTOMER SOLUTIONS	0	1	1	2
		Total for CUSTOMER SOLUTIONS	2	1	50	53
ENERGY DELIVERY						
CONSTRUCTION & MAINTENANCE						
	PDA	ADMINISTRATION	0	0	5	5

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District: P HAWAIIAN ELECTRIC COMPANY *Department:* *
VP Function: * *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA		CLASSIFICATION GROUPINGS BU	EXEC	MERIT	TOTAL
		PDC	CONTROL SECTION	6	0	0	6
		PDK	EAST OVERHEAD-KOOLAU	25	0	0	25
		PDL	EAST OVERHEAD-WARD	43	0	0	43
		PDF	FIELD OPERATION	20	0	0	20
		PDS	OPERATIONS	0	0	13	13
		PDP	PLANNING	5	0	12	17
		PDD	TRAINING SECTION	7	0	2	9
		PDU	UNDERGROUND	24	0	0	24
		PDV	VEGETATION MANAGEMENT	0	0	2	2
		PDJ	WEST OVERHEAD	52	0	0	52
			Subtotal for CONSTRUCTION & MAINTENANCE	**182**	**0**	**34**	**216**
ENGINEERING							
		PBA	ADMINISTRATION	4	0	3	7
		PBP	PROJECT MANAGEMENT	0	0	6	6
		PBT	STRUCTURAL	5	0	11	16
		PBY	SUBST,PROTECTION&TELECOM	3	0	18	21
		PBE	T&D ENGINEERING	3	0	20	23
		PBZ	T&D TECHNICAL SERVICES	2	0	7	9
			Subtotal for ENGINEERING	**17**	**0**	**65**	**82**
SUPPORT SERVICES							
		PVA	ADMINISTRATION	0	0	5	5
		PVL	ELECTRICAL & WELDING SERVICES	12	0	1	13
		PVF	FLEET	20	0	2	22
		PVM	MATERIALS MANAGEMENT	24	0	4	28
		PVP	PURCHASING	3	0	8	11
			Subtotal for SUPPORT SERVICES	**59**	**0**	**20**	**79**
SYSTEM OPERATION							
		PRA	ADMINISTRATION	3	0	3	6
		PRC	COMMUNICATIONS	6	0	2	8

635 Employee Count by Department/Division within VP Function as of 04/30/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters

AsOfDate: 04/30/2005
District: P — *HAWAIIAN ELECTRIC COMPANY*
VP Function: *
Department: *
Division: *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA		BU	EXEC	MERIT	TOTAL
				CLASSIFICATION GROUPINGS			
		PRX	CONSTRUCTION MANAGEMENT	2	0	1	3
		PRI	INSTRUMENT & CONTROL	6	0	3	9
		PRD	OPERATING DISPATCH	9	0	14	23
		PRE	OPERATING ENGINEERING	5	0	7	12
		PRR	RELAY	6	0	3	9
		PRS	SUBSTATION	29	0	6	35
			Subtotal for SYSTEM OPERATION	66	0	39	105
	VP ENERGY DELIVERY						
		P2V	VP ENERGY DELIVERY	0	1	1	2
			Total for ENERGY DELIVERY	324	1	159	484
FINANCE							
	FINANCIAL VICE PRESIDENT						
		P4V	FINANCIAL VICE PRESIDENT	0	1	2	3
	GENERAL ACCOUNTING						
		PAA	ADMINISTRATION	0	2	3	5
		PAC	CORPORATE ACCOUNTING	0	0	5	5
		PAD	COST ACCOUNTING	6	0	4	10
		PAT	PROPERTY ACCOUNTING	2	0	3	5
			Subtotal for GENERAL ACCOUNTING	8	2	15	25
	INFO TECHNOLOGY & SVCS						
		PEA	ADMINISTRATION	0	0	2	2
		PEC	CUSTOMER CARE	1	0	21	22
		PED	DEVELOPMENT SERVICES	0	0	30	30
		PEI	INFRASTRUCTURE & OPERATIONS	7	0	15	22
		PEM	MAILING SERVICES	10	0	1	11
		PEP	PROJECT & BUSINESS MGMT	0	0	6	6
			Subtotal for INFO TECHNOLOGY & SVCS	18	0	75	93

635 Employee Count by Department/Division within VP Function as of 04/30/2005

Includes Regular, Part-time, Temporary, Leaves, and Probationary Employees

Report Parameters — *AsOfDate:* 04/30/2005 — *District:* P — *HAWAIIAN ELECTRIC COMPANY* — *Department:* * — *VP Function:* * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA		CLASSIFICATION GROUPINGS BU	EXEC	MERIT	TOTAL
		MANAGEMENT ACCTG & FIN SVCS					
		PKB	ADMINISTRATION	0	1	2	3
		PKC	BUDGETS	0	0	7	7
		PKM	ERP ADMINISTRATION	0	0	3	3
		PKF	FINANCIAL ANALYSIS	0	0	3	3
		PKT	TREASURY	0	0	5	5
			Subtotal for MANAGEMENT ACCTG & FIN SVCS	0	1	20	21
		RISK MANAGEMENT					
		PKI	RISK MANAGEMENT	2	0	7	9
			Total for FINANCE	28	4	119	151
		GENERAL COUNSEL					
		LEGAL					
		PNL	LAND & RIGHTS OF WAY	0	0	5	5
		PNC	LEGAL	0	0	11	11
			Subtotal for LEGAL	0	0	16	16
		VP GENERAL COUNSEL					
		P5V	VP-GENERAL COUNSEL	0	1	1	2
			Total for GENERAL COUNSEL	0	1	17	18
		GOVT & COMMUNITY AFFAIRS					
		EDUCATION & CONSUMER AFFAIRS					
		PQE	EDUCATION & CONSUMER AFFAIRS	1	0	5	6
		REGULATORY AFFAIRS					
		PNP	REGULATORY AFFAIRS	0	0	6	6
		VP GOVT & COMMUNITY AFFAIRS					
		P3V	VP GOVT & COMMUNITY AFFAIRS	0	1	5	6

635 Employee Count by Department/Division within VP Function as of 04/30/2005

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Report Parameters

AsOfDate: 04/30/2005
District: P — *HAWAIIAN ELECTRIC COMPANY* — *Department:* *
VP Function: * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
Total for GOVT & COMMUNITY AFFAIRS			1	1	16	18
POWER SUPPLY						
ENVIRONMENTAL						
	PJA	ADMINISTRATION	1	0	3	4
	PJB	AIR QUALITY & NOISE	0	0	6	6
	PJC	CHEMISTRY	0	0	7	7
	PJW	WATER & HAZARDOUS MATERIAL	0	0	7	7
		Subtotal for ENVIRONMENTAL	1	0	23	24
POWER SUPPLY ENGINEERING						
	PYA	ADMINISTRATION	0	0	3	3
	PYG	POWER PLANT DRAFTING	2	0	0	2
	PYF	POWER PLANT ELECT ENGRG	0	0	12	12
	PYJ	POWER PLANT PROJECT MGT	0	0	5	5
	PYM	POWR PLANT MECH ENGRG	0	0	11	11
	PYE	PS TECHNICAL SERVICES	0	0	9	9
	PYC	SUPPORT STAFF	2	0	0	2
		Subtotal for POWER SUPPLY ENGINEERING	4	0	40	44
POWER SUPPLY OPER & MAINT						
	PIN	HONOLULU STATION MAINTENANCE	7	0	1	8
	PIH	HONOLULU STATION OPERATIONS	16	0	5	21
	PIL	KAHE STATION MAINTENANCE	25	0	2	27
	PIK	KAHE STATION OPERATIONS	48	0	7	55
	PIM	MAINTENANCE ADMINISTRATION	1	0	1	2
	PIB	O&M ADMINISTRATION	0	0	8	8
	PIO	OPERATIONS ADMINISTRATION	0	0	3	3
	PIP	PLANNING	1	0	16	17
	PIT	TRAVELING MAINTENANCE	62	0	4	66
	PIX	WAIAU STATION MAINTENANCE	24	0	2	26
	PIW	WAIAU STATION OPERATIONS	54	0	8	62

635 Employee Count by Department/Division within VP Function as of 04/30/2005

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Report Parameters

AsOfDate: 04/30/2005
District: P — HAWAIIAN ELECTRIC COMPANY — *Department:* *
VP Function: * — *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
		Subtotal for POWER SUPPLY OPER & MAINT	238	0	57	295
POWER SUPPLY SERVICES						
	PIF	FUEL RESOURCES	1	0	2	3
	PYB	GENERATION PLANNING	0	0	8	8
	PIC	POWER PURCHASE	0	0	6	6
	PIA	SERVICES ADMINISTRATION	0	0	5	5
	PYT	TRANSMISSION PLANNING	0	0	8	8
		Subtotal for POWER SUPPLY SERVICES	1	0	29	30
VP POWER SUPPLY						
	P7V	VP POWER SUPPLY	0	1	1	2
		Total for POWER SUPPLY	244	1	150	395
PRESIDENT - HECO						
CORPORATE AUDIT & COMPLIANCE						
	PNX	ADMINISTRATION	0	0	3	3
	PNA	INTERNAL AUDIT	0	0	2	2
	PNS	SOX COMPLIANCE	0	0	3	3
		Subtotal for CORPORATE AUDIT & COMPLIANCE	0	0	8	8
PRESIDENT'S OFFICE						
	P9P	PRESIDENT'S OFFICE	0	2	3	5
		Total for PRESIDENT - HECO	0	2	11	13
SPECIAL PROJECTS						
VP SPECIAL PROJECTS						
	P2W	VP SPECIAL PROJECTS	0	1	2	3
		Total for SPECIAL PROJECTS	0	1	2	3
SR VP ENERGY SOLUTIONS						

635 Employee Count by Department/Division within VP Function as of 04/30/2005

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Report Parameters

AsOfDate: 04/30/2005
District: P HAWAIIAN ELECTRIC COMPANY *Department:* *
VP Function: * *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	BU	EXEC	MERIT	TOTAL
			CLASSIFICATION GROUPINGS			
CUSTOMER INSTALLATION						
	PWA	ADMINISTRATION	5	0	6	11
	PWX	ENGINEERING & METER	10	0	3	13
	PWP	PLANNING & DESIGN	12	0	10	22
		Subtotal for CUSTOMER INSTALLATION	27	0	19	46
ENERGY PROJECTS						
	PNG	ENERGY PROJECTS	0	0	9	9
SR VP ENERGY SOLUTIONS						
	P9S	SR VP ENERGY SOLUTIONS	0	1	3	4
TECHNOLOGY						
	PNR	TECHNOLOGY	0	0	3	3
		Total for SR VP ENERGY SOLUTIONS	27	1	34	62
SR VP OPERATIONS						
CUSTOMER SERVICE						
	PCA	ADMINISTRATION	0	0	5	5
	PCD	CREDIT	0	0	5	5
	PCB	CUST ACCOUNTING & BILLING	4	0	2	6
	PCS	CUSTOMER ACCOUNT SERVICES	1	0	3	4
	PCH	CUSTOMER ASSISTANCE CENTER	26	0	2	28
	PCF	CUSTOMER FIELD SERVICES	0	0	5	5
	PCG	FIELD SERVICE & COLLECTIONS	23	0	3	26
	PCM	METER READING	31	0	1	32
	PCP	PAYMT PROCESS & SUPPORT CTR	15	0	1	16
		Subtotal for CUSTOMER SERVICE	100	0	27	127
SR VP OPERATIONS						
	P8V	SR VP OPERATIONS	0	1	1	2

635 Employee Count by Department/Division within VP Function as of 04/30/2005

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Report Parameters

AsOfDate: 04/30/2005
District: P HAWAIIAN ELECTRIC COMPANY *Department:* *
VP Function: * *Division:* *

HAWAIIAN ELECTRIC COMPANY:

FUNCTION	DEPT	RA	CLASSIFICATION GROUPINGS BU	EXEC	MERIT	TOTAL
Total for SR VP OPERATIONS			100	1	28	129
SR VP PUBLIC AFFAIRS						
GOVERNMENTAL RELATIONS						
	PNI	GOVERNMENTAL RELATIONS	0	0	3	3
SR VP PUBLIC AFFAIRS						
	P9V	SR VP PUBLIC AFFAIRS	0	1	1	2
Total for SR VP PUBLIC AFFAIRS			0	1	4	5
Total for HAWAIIAN ELECTRIC COMPANY			745	17	672	1434