

May 16, 2013

Public Utilities Commission of the State of Hawaii Kekuanaoa Building 465 South King Street, 1st Floor Honolulu, Hawaii 96813

Industry Type Electric

Period Ending

Initials

Subject: FILING OF ANNUAL REPORTS:

2012 HAWAIIAN ELECTRIC COMPANY, INC. PUC ANNUAL UTILITY REPORT

Commissioners:

Enclosed is a signed and notarized copy of Hawaiian Electric Company, Inc.'s (HECO) 2012 Public Utilities Commission Annual Report for Electric Utilities. Per the general instructions, the respondent shall also file with the Commission, a copy of its annual report prepared for distribution to its security holders and such other reports or schedules as requested. Please see attached copy of transmittal for those reports Hawaiian Electric Company, Inc. filed with the Commission on February 21, 2013.

Sincerely,

Cothlynn of yoshida

Cathlynn L. Yoshida Controller

**Enclosures** 

xc: Division of Consumer Advocacy



Cathlynn L. Yoshida Controller

February 21, 2013

FILE 1.

Public Utilities Commission of the State of Hawaii 465 South King Street Kekuanaoa Building, 1st Floor Honolulu, Hawaii 96813

Subject: Form 10-K Annual Report for 2012

**Dear Commissioners:** 

Enclosed for your files are four (4) copies of the Securities and Exchange Commission Form 10-K Annual Report for registrants Hawaiian Electric Industries, Inc. (HEI) and Hawaiian Electric Company, Inc. (HECO) for the year ended December 31, 2012.

In addition also enclosed are four (4) copies of Exhibit 99.2, which is HECO's Consolidated 2012 Financial Statements (with Report of Independent Registered Public Accounting Firm thereon).

Sincerely,

Cathlynn L. Yoshida

**Enclosures** 

xc: Division of Consumer Advocacy (2 copies)

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STATE OF HAWAIRS

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PUBLIC UTILITIES COMMISSION

# Annual Report of

Hawaiian Electric Company, Inc.

State exact corporate name of respondent

900 Richards Street, Honolulu, HI 96813

Address of Respondent's Principal Business Office

### To the

# Public Utilities Commission

State of Hawaii

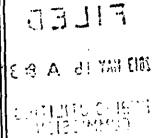
For the year ending

December 31, 2012

Approved Annual Report for Electric Utilities



Revised Form
Approved by Public Utilities Commission



# **GENERAL INSTRUCTION** FOR PREPARING REPORT

All electric utilities operating within the State of Hawaii shall make their annual report on this form in duplicate and file the original, duly verified in the office of this Commission, on or before March 31st of the following year; retaining duplicate copy for its files.

The form of annual report is prepared in conformity with Uniform System of Accounts for Public Utilities as prescribed by this Commission, and all accounting words and phrases are to be interpreted in accordance with the said classification.

The word "Respondent" wherever used in this report, means the person, corporation, licensee, agency, authority, or other legal entity or instrumentality in whose behalf the report is made.

Each annual report should in all particulars be complete in itself and references to returns of former years or to other reports should not be made to take the place of information as required herein.

Where information, required herein, is not given, state fully the reason for its omission.

The report should be made on typewriter, as all forms are designed therefor. All entries should be typed in black except those of contrary or opposite character which should be typed in red or enclosed in parenthesis. If it is necessary or advisable to insert additional statements for the purpose of further explanation of accounts or schedules, they should be typed on paper of durable quality and should conform with this in size of page and be securely appended hereto.

The report is designed to cover the calendar year. Each utility shall close its books at the end of each calendar year unless otherwise authorized by the Commission,

Respondent may, in lieu of filing this report, file a copy of the annual report submitted to the Federal Power Commission (Form 1). In addition to filing either report, respondent shall also file with the Commission, a copy of its annual report prepared for distribution to its security holders and such other reports or schedules as requested.

Page Nos. 3-4. ORGANIZATION AND CONTROL OF RESPONDENT. Answer all questions as indicated.

Page Nos. 5-6. Schedule A-COMPARATIVE BALANCE SHEET. The balance at the beginning and at the close of the year appearing in the respective accounts on the respondent's books, as well as the increase or decrease, should be reported on this schedule for each item; all entries on the balance sheet should be consistent with those shown on supporting schedules.

Page Nos. 7-8-9. Schedules A-1 to A-1.2 inclusive.—ANALYSIS OF UTILITY PLANT ACCOUNTS. The amounts applicable to the various account classifications shall be shown on this schedule. There shall be reported the balances in accounts 101, 102, 103, 104, 105, 106, 107 and 114, at the beginning of the year, total charges during the year, total credits during year, and the balances at the close of the year. The total of each classification and the total of all accounts should be in accord with the amounts shown on the Balance Sheet.

- Page No. 10. Schedule A-2—ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT. The accrued depreciation applicable to the various account classifications shall be shown on this schedule. There shall be reported the balances at the beginning of the year, credits and debits during the year and the balance at the end of the year, which should be in accord with the amount shown on the Balance Sheet.
- Page Nos. 11-12-13. Schedules A-2.1 to A-2.3 inclusive. ANALYSIS OF ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT, State complete analysis as indicated.
- Page No. 14. Schedule A-3—ACCUMULATED PROVISIONS FOR AMORTIZATION OF UTILITY PLANT. The total amount of reserves at the beginning of the year, credits and debits during year and balance at the end of year for each classification of accounts should be reported on the schedule. Totals should be in accord with amounts shown on Balance Sheet.
- Page No. 14-A. Schedule A-4—NON-UTILITY PLANT. Complete schedules as indicated.
- Page No. 15. Schedules A-5 to A-6 inclusive. Indicate on these schedules a complete analysis for all corresponding items as appearing on the Balance Sheet.
- Page No. 16. Schedules A-7 to A-9 inclusive. State complete analysis as indicated.
- Page No. 17. Schedules A-10 to A-12 inclusive, State complete analysis as indicated.
- Page No. 18. Schedule A-13—UNAMORTIZED DEBT DISCOUNT AND EXPENSE. State complete analysis as indicated for each class and series of long-term debt.
- Page No. 19. Schedule A-14—EXTRAORDINARY PROPERTY LOSSES. State complete analysis of property abandoned, date of abandonment, date of Commission Authorization and period over which amortization is being made.
  - Schedule A-15-MISCELLANEOUS DEFERRED DEBITS. Complete as indicated.
  - Schedule A-16—DEFERRED REGULATORY COMMISSION EXPENSES. State complete analysis as indicated,
- Page No. 20. Schedules A-17 to A-19 inclusive. State complete analysis as indicated.
- Page No. 21. Schedule A-20—CAPITAL STOCK EXPENSE. If any change occurred during the year, give particulars of the change. State the reason for any chargeoff of capital stock expense and specify the amount and account charged,
- Page No. 22. Schedule A-21—ANALYSIS OF APPROPRIATED RETAINED EARNINGS. State complete analysis as indicated.
- Page No. 23. Schedule A-22—ANALYSIS OF UNAPPROPRIATED RETAINED EARNINGS. State complete analysis as indicated.
- Page No. 24. Schedule A-23—LONG-TERM DEBT. State complete analysis as indicated for Bonds. Advances from Associated Companies and Other Long-Term Debt, which should be in accord with the amounts shown on the Balance Sheet.

- Page No. 25. Schedule A-24—ACCRUED TAXES. There shall be reported the accrued tax amounts at the beginning of the year, taxes charged during the year and the balance at the end of year, which should be in accord with the amount shown on the Balance Sheet.
- Page No. 26. Schedules A-25 to A-27 inclusive. State complete analysis as indicated.
- Page No. 27. Schedule A-28—UNAMORTIZED PREMIUM ON DEBT. State complete analysis as indicated on premiums applicable to each class and series of long-term debt.
- Page No. 28. Schedules A-29 to A-31 inclusive. State complete analysis as indicated.
- Page No. 29. Schedule B-ANALYSIS OF INCOME ACCOUNT. State complete analysis as indicated.
- Page No. 30. Schedule B-1-ANALYSIS OF GROSS OPERATING REVENUES. State complete analysis as indicated.
- Page Nos. 31-34. Schedule B-2—ANALYSIS OF OPERATION AND MAINTENANCE EXPENSE ACCOUNTS. State complete analysis as indicated.
- Page No. 35. Schedule B-3-ANALYSIS OF TOTAL CORPORATION TAXES. State complete analysis as indicated.
- Page No. 36. Schedule C-STATISTICAL INFORMATION. State complete analysis as indicated.
- Page Nos. 37-38. Schedule D-MISCELLANEOUS DATA. Answer each question fully as indicated.
- Page No. 39. Schedule E—CONTINGENT ASSETS AND LIABILITIES. Give a complete statement of significant contingent assets and liabilities at the close of the year.
- Page No. 40. VERIFICATION. Complete as indicated.

### ORGANIZATION AND CONTROL OF RESPONDENT State full and exact name of respondent making this report: Hawaiian Electric Company, Inc. October 13, 1891 Date of Incorporation Expiration Date of Franchise Nature of Business Electric Public Utility 900 Richards Street, Honolulu, HI 96813 Location of Main Business Office Island and Districts in Which Service is Supplied: Oahu, All Districts Directors Meetings Name Addresa Term Shares Owned Attended Expires Dur. Year Common Preferred Annual Election Honolulu, HI 0 Constance H. Lau (Chairman of the Board) Honolulu, HI Annual Election Richard M. Rosenblum (President and Chief Executive Officer) Don E. Carroll Annual Election Honolulu, HI Thomas B. Fargo Portland, OR Annual Election Annual Election Peggy Y. Fowler Honolulu, HI 0 Honolulu, HI Annual Election 0 Timothy E. Johns Annual Election \*\* Honolulu, Hl 0 Micah A. Kane \* Honolulu, HI Annual Election Bert A. Kobayashi, Jr. Annual Election Kelvin H. Taketa Honolulu, HI \* In 2012, there were eight regular and two special meetings of the HECO Board. \*\*Mr. Kane was appointed in May 2012; there were six regular meetings following his appointment All HECO directors attended at least 75% of the combined total number of meetings of the Board and Board committee on which they served. **Principal Officers** Title Name Date Shares Owned Appointed Соптов Preferred May, 2006 Chairman of the Board Constance H. Lau 0 0 President and Chief Executive Officer anuary, 2009 Richard M. Rosenblum ō 0 March, 2009 0 0 Executive Vice President Robert A. Alm Senior Vice President and Chief Information Officer Stephen M. McMenamin September, 2009 ō 0 Senior Vice President and Chief ō September,2009 0 Tayne S. Y. Sekimura Financial Officer Senior Vice President, Corporate Services Patricia U. Wong September, 2009 $\overline{0}$ 0

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Chair tatal Am	ount of all Outstanding	Ceast at along of years	\$	120	081,180			
	_	•			061,160			05 500 040
Common	14,665,264	Shares; par value	\$	6 2/3		Amount	\$	97,788,040
Preferred	1,114,657	Shares; par value	\$	20		Amount	\$	22,293,140
Preferred		Shares; par value	\$			Amount	\$	
_								
		special privileges in any					ion?	
If so, describe	each such class or issue	, showing the character	and o	extend of	such privileges:			
	None							
		· · · · · · · · · · · · · · · · · · ·						
<del></del>		· · · · · · · · · · · · · · · · · · ·	•	·· <del>·</del> ·				
		<u> </u>						
If during the v	ear the respondent acqui	ired other companies or	was	organized	in any respect of	or merged or	consol	idated
		all particulars of such tra			day toopeot (	. morgou or	COMSON	Macca
with other con	ipanies, sauce in death it	in particulate of such du	HISUL	tions.			· · · · <u> </u>	
	N-no							
	None				· · · · · · · · · · · · · · · · · · ·			
						<del> </del>		
		panies controlled by resp						
		Hawaii Electric Light C	omp	any, Inc.,	HECO Capital	Γrust III,		
Renewable	Hawaii, Inc., Uluwehid	okama Biofuels Corp.						
				. <b></b>				
Furnish compl	ete list showing compar	nies controlling responde	nt:	_	Since July 1, 19	83, Hawaiia	n Elect	ric Company,
Inc. has been a wholly owned subsidiary of Hawaiian Electric Industries, Inc.								
Name all kinds of business, other than Utility in which the respondent was engaged at any time during the year. If								
Name all kinds of business, other than Utility in which the respondent was engaged at any time during the year. If none, state so: None								
none, state so: None								
Characteristics Deplet Order combars and effective dates outborizing present classification of many								
State Com	State Commission's Docket, Order numbers and effective dates authorizing present classification of rate:							
		•			Docket	Order		Effective
	Classificat	ion			No.	No.		Date
Residentia				<u>"R"</u>	2010-0080	30505	Sep	otember 1, 2012
General Se	ervice Non-Demand			"G"	2010-0080	30505	Sep	otember 1, 2012
	ervice Demand		_	"J"	2010-0080	30505	_	otember 1, 2012
	er Directly Served Serv	ice	_	"DS"	2010-0080	30505		otember 1, 2012
	er Service		_	"P"	2010-0080	30505	_	otember 1, 2012
		tabela a li Dada a d	_		2010-0000	30303	SEL	Remidel 1, 2012
	eet Lighting, Highway L	ignung and Park and			****			
	d Floodlighting	<del> </del>	-	"F"	2010-0080	30505		tember 1, 2012
Standby Se	ervice		_	"SS"	2010-0080	30505	Sep	tember 1, 2012
			_					
			_					
			_					
State precisely	the period covered by	this report:	Jai	nuary 1, 20	012 through De	cember 31, 2	012	
' '	,	•	_		•			
State name til	ele and address of office	er in charge of correspond	dence	e relative t	o this report:			
ı <b>ş</b>	Cathlynn L. Yoshida	a m cimige or correspond		- 1414474 (	~ uno report.			
Name		<del> </del>	····					
Title	Controller							
Address	900 Richards Street, I	Honolulu, HI 96813				<del></del>		

# Schedule A COMPARATIVE BALANCE SHEET

	Sched.	Balance	Balance	Increase or
ASSETS AND OTHER DEBITS	No.	Beginning of Year	Close of Year	Decrease or
	<del>                                     </del>	XXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXXXXX
Utility Plant	,	3,135,224,493	3,369,232,579	234,008,086
Utility Plant in Service	A-1 A-2	(1,337,990,541)		
Accumulated Provision for Deprec. & Amort.	A-2	1,797,233,952	1,979,764,195	
Utility Plant Less Reserves		1,797,233,932	1,979,764,195	182,530,243
Construction Work in Progress		117,624,346	130,143,178	12,518,832
Utility Plant Acquisition Adjustments	A-1			
Accum. Prov. for Amort. of Util. Plt.Acq.Adj.	A-3			
Utility Plant Acquis. Adj. Less Reserves				
Other Utility Plant Adjustments	<b>!</b>			
Total Utility Plant Less Reserves	l l	1,914,858,298	2,109,907,373	195,049,075
Other Property and Investments		*****	****	*****
Non-Utility Property Less Reserves	A-4	4,967,286	4,964,513	(2,773)
Investment in Associated Companies	A-5	518,762,381	499,485,144	(19,277,237)
Other Investments	A-5-A			
Special Funds	A-6			
Total Other Property and Investments		523,729,667	504,449,657	(19,280,010)
Current and Accrued Assets		****	*****	****
Cash	H	44,811,249	8,256,576	(36,554,673)
	A-7	77,011,277	0,200,070	(30,334,013)
Special Deposits Working Funds	^-'	8,250	8,225	(25)
11 · · · · · · · · · · · · · · · · · ·	A-8	0,230	0,223	(23)
Temporary Cash Investments	A-0	<u> </u>	0	
Notes Receivable		134,090,801	158,467,512	24,376,711
Customer Accounts Receivable		1,552,391	1,313,837	(238,554)
Other Accounts Receivable	ا ۸ ا	(1,252,595)	(1,583,935)	(331,340)
Accumulated Prov. for Uncollect.AcctsCr.	A-9	4,655,509	38,295,014	33,639,505
Receivables from Associated Companies		128,036,693	123,176,452	
Fuel Stock	A-10	120,030,093	123,170,432	(4,860,241)
Residuals		24,978,241	30,359,509	5,381,268
Materials and Supplies-Utility	li l	24,770,241	30,335,305	3,361,206
Materials and Supplies-Merchandise  Materials and Supplies-Non-Utility				
		117,755	1,419,772	1,302,017
Stores Expense Prepayments	A-11	11,667,662	12,615,634	947,972
Interest and Dividends Receivable	^	3,766,589	3,437,385	(329,204)
Rents Receivable		5,700,503	5, 151,505	(327,204)
Accrued Utility Revenues		103,459,571	101,136,728	(2,322,843)
Other Current and Accrued Assets	A-12	5,700,565	5,655,585	(44,980)
One Current and Accrace Associ		2,,00,505	5,000,000	(**,500)
Total Current and Accrued Assets		461,592,681	482,558,294	20,96 <b>5,6</b> 13
Deferred Debits			X X X X X X X X X X	X X X X X X X X X X X
Unamortized Debt Discount and Expense	A-13	9,235,908	7,042,109	(2,193,799)
Regulatory Assets		496,889,724	644,126,874	147,237,150
Extraordinary Property Losses	A-14	<u> </u>	<u> </u>	
Clearing Accounts		3,655,312	2,377,468	(1,277,844)
Temporary Facilities	<b>I</b>	(129,188)	(64,525)	//6 65/ 650
Miscellaneous Deferred Debits	A-15	48,630,926	37,759,653	(10,871,273)
Regulatory Commission Expenses	A-16	0	0	0
Total Deferred Debits		558,282,682	691,241,579	132,958,897
TOTAL ASSETS AND OTHER DEBITS		3,458,463,328	3,788,156,903	329,693,575
TOTAL ASSETS AND OTHER DEBITS	لحصا	ر 20,403,320	3,700,130,503	343,053,73

### Schedule A COMPARATIVE BALANCE SHEET

	1 2	<u> </u>		
	Sched.	Balance	Balance	Increase or
LIABILITIES AND OTHER CREDITS	No.	Beginning of Year	Close of Year	Decrease
Proprietary Capital		x x x x x x x x x x x	k	xxxxxxxxxxx
Common Stock Issued	A-17	94,911,100	97,788,040	<b>2,876,940</b>
Preferred Stock Issued	A-18	22,293,140	22,293,140	0
Capital Stock Subscribed				
Premium on Capital Stock	A-17	430,861,486	471,984,546	41,123,060
Other Paid-In Capital		(32,109)	(969,162)	(937,053)
Discount on Capital Stock				
Capital Stock Expense	A-20	(3,939,921)	(3,939,921)	0
Appropriated Retained Earnings	A-21			
Unappropriated Retained Earnings	A-22	884,283,277	907,272,521	22,989,244
Reacquired Capital Stock	A-19			
Total Proprietary Capital	H	1,428,376,973	1,494,429,164	66 <b>,0</b> 52,191
Long-Term Debt		*****	*****	*****
Bonds	A-23	641,580,000	367,000,000	(274,580,000)
Advances from Associated Companies	A-23			1 - 1 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Other Long-Term Debt	A-23	31,546,400	413,546,400	382,000,000
Other Long-Term Debt		673,126,400	780,546,400	107,420,000
Current and Accrued Liabilities		********** <b>*</b>	****	****
Notes Payable		0	0	
Accounts Payable	II.	140,045,801	134,651,070	(5,394,731)
Payables to Associated Companies		64,855,000	21,029,860	(43,825,140)
Customer Deposits		12,490,833	13,287,061	796,228
Taxes Accrued	A-24	152,315,155	174,476,764	22,161,609
Interest Accrued		12,416,814	14,248,527	1,831,713
Dividenda Declared	"	230,845	230,844	1,031,713
Matured Long-Term Debt	1	0	250,517	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Tax Collections Payable		4,341	1,675,893	1,671,552
Misc. Current and Accrued Liabilities	A-25	372,031,124	463,092,413	91,061,289
Total Current and Accrued Liabilities		754,389,913	822,692,432	68,302,519
	l	, , , , , , , , , , , , , , , , , , , ,	022,072,172	00,502,515
Deferred Credits		****	****	XXXXXXXXXXX
Unamortized Premiums on Debt	A-28			
Customer Advances For Construction	A-26	2,141,255	2,246,834	105,579
Other Deferred Credits	A-27	123,866,716	107,336,078	(16,530,638)
Accumulated Deferred Investment Tax Cr.	A-30	34,876,497	39,827,483	4,950,986
Total Deferred Credits		160,884,468	149,410,395	(11,474,073)
Operating Reserves		****	****	****
Property Insurance Reserve				
Injuries and Damages Reserve	I			
Pensions and Benefits Reserve				
Miscellaneous Operating Reserve				
Total Operating Reserves				
Contributions in Aid of Construction	A-31	204,795,271	238,510,104	33,714,833
Accumulated Deferred Income Taxes	<b>\</b>	XXXXXXXXXX	****	****
Accum Def Inc Taxes-Lib. Depr.	A-29	121,374,683	158,882,529	37,507,846
Accum Def Inc Taxes-Other	A-29	115,515,620	143,685,879	28,170,259
Total Accum Def Inc Taxes		236,890,303	302,568,408	65,678,105
TOTAL LIABILITIES AND OTHER CREDITS		3,458,463,328	3,788,156,903	329,693,575

# Schedule A-1 ANALYSIS OF UTILITY PLANT ACCOUNTS

				TOTAL OFFICE		
				IOIAL CREDIIS DURING TEAR	HING TEAM	
Account	ACCOUNT TITLE	Balance	Total Charges	Retired Property	Adjustments and	Balance
Š.		Beginning of Year	During Year	Charged Depreciation Reserve	Other Credits	Close of Year
	Steam Production Plant					
310	Land & Land Rights	11.019.714				11,019,714
311	Structures & Improvements	83,347,819	660,573	(24,281)		83,984,111
312	Boiler Plant & Equipment	323,582,793	23,633,414	(1,356,422)		345,859,785
314	Turbogenerator Units	154,952,919	12,185,590	(1,216,015)	1,437,652	167,360,146
315	Accessory Electric Equipment	59,372,896	9,493,630	(414,089)	(141,083)	68,311,354
316	Misc Power Plant Equipment	16,484,604	5,883,976	(1,478,242)	72,408	20,962,746
	Total Steam Production Plant	648,760,745	51,857,183	(4,489,049)	1,368,977	697,497,856
	Hydraulic Production Plant					
330	Land & Land Rights	4				-
331	Structures & Improvements					•
332	Reservoirs, Dams & Waterways					•
333	Water Wheels, Turbines & Generators					
334	Accessory Electric Equipment	Ī.				
335	Misc Power Plant Equipment	•				•
336	Roads, Railroads & Bridges	•				
	Total Hydraulic Production Plant					•
	Other Production Plant					
340	Land & Land Rights	1,299,868				1,299,868
341	Structures & Improvements	36,449,562	1,032,658			37,482,220
342	Fuel Holders, Producers	19,448,185				19,448,185
343	Prime Movers	65,177,959	(1,241,772)	(101,905)		63,834,282
344 4	Generators	24,246,971	3,237,461	(222,765)	(1,437,652)	25,824,015
345	Accessory Electric Equipment	33,575,362	422,659	(20,056)		34,119,049
346	Misc Power Plant Equipment	17,913,589	326,208			18,163,132
	Total Other Production Plant	198,111,496	3,777,214	(344,726)	(1,373,233)	200,170,751
	Total Production Plant	846,872,241	55,634,397	(4,833,775)	(4,256)	897,668,607
	TOTAL - Carried Forward	846,872,241	55,634,397	(4,833,775)	(4,256)	897,668,607

# Schedule A-1.1 (Continued) ANALYSIS OF UTILITY PLANT ACCOUNTS

				TOTAL CREDITS DURING YEAR	RING YEAR	
Account	ACCOUNT TITLE	Balance	Total Charges	Retired Property	Adjustments and	Balance
ġ.		Beginning of Year	During Year	Charged Depreciation Reserve	Other Credits	Close of Year
	Brought Forward	846,872,241	55,634,397	(4,833,775)	(4,256)	897,668,607
	Transmission Plant					
350	Land & Land Rights	22,139,024	29,400			22,168,424
352	Structures & Improvements	32,219,284	3,543,353	(54)		35,762,583
353	Station Equipment	253,221,395	16,205,766	(775,682)	(218,072)	268,433,407
354	Towers & Fixtures	16,722,162	2,724,566	(29,715)		19,417,013
355	Poles & Fixtures	181,594,802	25,820,853	(1,060,224)	(663,119)	205,692,312
356	Overhead Conductors & Devices	106,959,938	19,261,956	(2,126,597)	680,751	124,776,048
357	Underground Conduit	60,302,202	22,456		1,529	60,326,187
358	Underground Conductors & Devices	51,731,528	533,604	(13,411)		52,251,721
329	Roads & Trails	2,647,455	653,953			3,201,408
- !	Total Transmission Plant	727,537,790	206'969'89	(4,005,683)	(198,911)	792,029,103
	Distribution Plant					
360	Land & Land Rights	8,049,387	45,249		3,606	8,098,242
361	Structures & Improvements	21,124,913	(170,423)	(2,201)		20,952,289
362	Station Equipment	170,445,129	14,562,325	(701,793)	27,152	184,332,813
364	Poles, Towers & Fixtures	130,947,470	18,182,691	(1,193,607)	251,296	148,187,850
365	Overhead Conductors & Devices	95,660,461	7,091,806	(592,999)	54,901	102,214,169
366	Underground Conduit	216,805,004	9,050,175	(8,731)	61,951	225,908,399
367	Underground Conductors & Devices	281,302,693	24,088,633	(952,811)	509,154	304,947,669
368	Line Transformers	166,208,034	14,316,854	(3,083,908)	(37,774)	177,403,206
369	Services	201,358,504	5,913,717	(100,513)	(163,210)	207,008,498
370	Meters	29,906,388	2,007,133	(644,340)	102,186	31,371,367
	Total Distribution Plant	1,321,807,983	95,088,160	(7,280,903)	809,262	1,410,424,502
	TOTAL Corried Comment	7 70 040 040	040 440 464	(100 001 01)	1300 000	0 100 100 010
	I UIAL - Carried Forward	2,896,218,014	219,418,464	(16,120,361)	606,095	3,100,122,212

# Schedule A-1.2 (Continued) ANALYSIS OF UTILITY PLANT ACCOUNTS

			1	TOTAL OPERITO PIDING VEAR	DINIC VEAD	
			<del>7 •</del>	IOIAL CREDIIS DO	NING IEAN	
Account	ACCOUNT TITLE	Balance	Total Charges	Retired Property	Adjustments and	Balance
Š.		Beginning of Year	During Year	Charged Depreciation Reserve	Other Credits	Close of Year
	Brought Forward	2,896,218,014	219,418,464	(16,120,361)	909	3,100,122,212
	General Plant					
389	Land & Land Rights	167,303				167,303
390	Structures & Improvements	66,884,892	4,676,858	(98,355)	(10,327,542)	61,135,853
391	Office Furniture & Equipment	21,967,490	8,065,553	(2,305,142)	277,580	28,305,481
392	Transportation Equipment	39,370,064	7,514,446	(969,022)		45,915,488
393	Stores Equipment	1,165,425	9/1/99	(39,245)		1,182,956
394	Tool, Shop & Garage Equipment	17,759,085	2,756,745	(5,102)		20,510,728
395	Laboratory Equipment	635,211	11,595	(202,656)		444,150
396	Power Operated Equipment	70,730		(3,484)		67,246
397	Communication Equipment	83,066,861	13,283,211	(3,243,632)	176,823	93,283,263
398	Miscellaneous Equipment	3,829,498	195,256	(148,096)		3,876,658
	Total General Plant	234,916,559	36,560,440	(7,014,734)	(9,573,139)	254,889,126
	Tenant Allowance	•	384,965		9,749,962	10,134,927
	Property Held for Future Use					
	Campbell Industrial Park	1,809,875				1,809,875
	Kapolei Property	3,606			(3,606)	•
	Kaloi Substation Land	2,276,439				2,276,439
	Total Property Held for Future Use	4,089,920		-	(3,606)	4,086,314
	TOTAL	3,135,224,493	256,363,869	(23,135,095)	779,312	3,369,232,579

### Reclassification In Process of Utility Plant XXXXXXXXXX XXXXXXXXX XXXXXXXXX Utility Plant **Future Use** Held for XXXXXXXXXX XXXXXXXXXX ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT Utility Plant To Others Leased (2,292,931) 23,135,096 19,546,263 94,222,742 2,413,385 (12,332)(488,574)42,192,785 1,389,468,384 96,636,127 877,764 XXXXXXXXXX 1,337,990,541 Utility Plant In Service Schedule A-2 (2,292,931) (488,574)23,135,096 42,192,785 1,389,468,384 2,413,385 19,546,263 (12,332) 1,337,990,541 94,222,742 96,636,127 877,764 Total Adjust ARO/Accum Depr for PCB Contaminated Trsf Total Accumulated Depreciation on Plant Retired 413 Expenses of utility plant leased to others **Total Depreciation Accruals** Change in Unclassified COR and Salvage Depreciation Accruals for year, charged to: Other debit or credit items: (specify) Adjust ARO related to Honlulu PP CREDITS Transportation Expense, clearing Net Charges for Plant Retired ITEM Vet charges for plant retired: Other Accounts: (specify) Balance beginning of year Book cost of plant retired BALANCE END OF YEAR Change in RWIP 403 Depreciation Salvage (credit) Cost of removal

# Schedule A-2.1 (Continued) ANALYSIS OF ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT

			TOTAL CREDITS DURING YEAR	URING YEAR	TOTAL DEBITS DURING YEAR	RING YEAR	
Account	ACCOUNT TITLE	Balance	Charged to	Other Cradite	Net Charge	Other Dehits	Balance Close of Year
		beginning or rear	Depreciation		evissei 0		
	Steam Production Plant						
310	Land & Land Rights						
311	Structures & Improvements	52,058,564	1,333,565		(87,897)		53,304,232
312	Boiler Plant & Equipment	148,153,713	6,568,731		(2,479,710)		152,242,734
314	Turbogenerator Units	83,985,681	2,386,275		(2,417,745)		83,954,211
315	Accessory Electric Equipment	19,324,821	1,442,761		(836,658)		19,870,924
316	Misc Power Plant Equipment	4,311,636	1,294,847		(1,498,120)		4,108,363
	Total Steam Production Plant	307,834,415	13,026,179		(7,380,130)	•	313,480,464
	Hydraulic Production Plant			,			
330	Land & Land Rights						
331	Structures & Improvements						
332	Reservoirs, Dams & Waterways	•					•
333	Water Wheels, Turbines & Generators	•					•
334	Accessory Electric Equipment	•					
335	Misc Power Plant Equipment						
336	Roads, Railroads & Bridges						,
	Total Hydraulic Production Plant	•				•	•
	Other Production Plant						
340	Land & Land Rights	•					
<u>4</u>	Structures & Improvements	1,339,820	280,661		-		1,620,481
342	Fuel Holders, Producers	1,890,654	501,763				2,392,417
343	Prime Movers	7,524,462	2,124,801		(108,356)		9,540,907
344	Generators	4,815,386	244,894		(354,779)		4,705,501
345	Accessory Electric Equipment	2,971,837	842,741		(38,066)		3,776,512
348	Misc Power Plant Equipment	558,963	1,200,338				1,759,301
	Total Other Production Plant	19,101,122	5,195,198	-	(501,201)	•	23,795,119
	Total Production Total	326,935,537	18,221,377	•	(7,881,331)	•	337,275,583
	Total - Carried Forward	326,935,537	18,221,377	•	(7,881,331)	-	337,275,583

# Schedule A-2.2 (Continued) ANALYSIS OF ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT

			TOTAL CREDITS DURING YEAR	Г	HOTAL DEBITS DURING YEAR	RING YEAR	
Account	ACCOUNT TITLE	Balance	Charged to		Net Charge		Balance
ė.		Beginning of Year	Depreciation	Other Credits	to Reserve	Other Debits	Close of Year
	Brought Forward	326,935,537	18,221,377	_	(7,881,331)	_	337,275,583
	Transmission Plant						
320	Land & Land Rights	1,925,785	•				1,925,785
352	Structures & Improvements	14,942,788	515,508		(1,086)		15,457,210
353	Station Equipment	94,139,195	4,709,918		(1,173,150)		97,675,963
354	Towers & Fixtures	13,349,465	247,488		(228,857)		13,368,096
355	Poles & Fixtures	77,396,293	5,883,672		(3,091,778)		80,188,187
356	Overhead Conductors & Devices	67,982,368	3,497,590		(5,497,854)		65,982,104
357	Underground Conduit	13,376,232	308,838				14,335,037
358	Underground Conductors & Devices	18,161,206	894,955		(59,712)		18,996,449
359	Roads & Trails	1,236,413	39,447				1,275,860
	Total Transmission Plant	302,509,745	16,747,383		(10,052,437)	-	309,204,691
	Distribution Plant						
360	Land & Land Rights	205,864	10,323				216,187
361	Structures & Improvements	10,920,161	228,149		(13,215)		11,135,095
362	Station Equipment	59,202,803	3,442,992		(1,683,411)		60,962,384
88 84	Poles, Towers & Fixtures	69,682,631	4,439,119		(4,045,393)		70,076,357
365	Overhead Conductors & Devices	81,491,301	4,008,173		(1,764,159)		83,735,315
366	Underground Conduit	80,154,558	4,748,030		(14,687)		84,887,901
367	Underground Conductors & Devices	180,796,333	14,008,874		(3,192,097)		191,613,110
368	Line Transformers	42,718,196	8,642,818		(4,791,309)		46,569,705
369	Services	134,882,942	8,693,017		(993,672)		142,582,287
370	Meters	12,010,982	795,510		(718,925)		12,087,567
	Total Distribution Plant	672,065,771	49,017,005		(17,216,868)	•	703,865,908
	Total - Carried Forward	1,301,511,053	83,985,765		(35,150,636)	•	1,350,346,182
		42					

Schedule A-2.3 (Continued)	ANALYSIS OF ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT
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			TOTAL CREDITS DURING YEAR	URING YEAR	TOTAL DEBITS DURING YEAR	RING YEAR	
Account	ACCOUNT TITLE		Charged to	atipor Crodite	Net Charge	Other Debits	Balance Close of Year
o Z		Beginning of Year	Depreciation	Omer Credits	IO Deserve	Onlei Deolis	Close of Teal
	Brought Forward	1,301,511,053	83,985,765		(35,150,636)	•	1,350,346,182
	General Plant						
389	Land & Land Rights	•				·	
330	Structures & Improvements	28,386,550	1,379,368		(140,753)	(1,926,840)	27,698,325
391	Office Furniture & Equipment	5,752,637	3,705,862		(2,305,142)		7,153,357
392	Transportation Equipment	11,947,653	2,413,385		(879,994)		13,481,044
393	Stores Equipment	439,239	44,610		(39,245)		444,604
394	Tools, Shop & Garage Equipment	5,855,685	469,787		(855'5)		6,319,914
395	Laboratory Equipment	278.772	65,975		(202,653)		142,094
396	Power Operated Equipment	26,465	8,427		(3,485)		31,407
397	Communication Equipment	42,329,623	3,309,721		(3,317,219)		42,322,125
398	Miscellaneous Equipment	1,412,427	313,633		(148,097)		1,577,963
	Total General Plant	96,429,051	11,710,768		(7,042,146)	(1,926,840)	99,170,833
	Tenant Allowance	•	939,594	1,926,840			2,866,434
	Reg Liability COR	(51,920,114)			(1,550,332)		(53,470,446)
	(Excluding Negative Net Salvage)						
	RWIP	(11,017,844)			877,764		(10,140,080)
	Unclassified COR and Salvage	2,988,395			(2,292,934)		695,461
					i		
		,					
	Total	1,337,990,541	96,636,127	1,926,840	(45,158,284)	(1,926,840)	1,389,468,384
		0.000 40					

# Schedule A-3 ACCUMULATED PROVISIONS FOR AMORTIZATION OF UTILITY PLANT

			Utility Plant	Utility Plant
	Total	Utility Plant	Leased	Held for
		III Seivice	CONICIO	i utule Ose
Amortization of Utility Plant	None			
Balance Beginning of Year				
(Specify Accounts Credited or Debited)				
Total Credits				
Total Debits				
BALANCE END OF YEAR				
Amortization of UTILITY PLANT ACQUISITION ADJUSTMENTS	None			
Balance Beginning of Year				
(Specify Accounts Credited or Debited)			4	
Total Credits				
Total Debits				
BALANCE END OF YEAR				

### Schedule A-4 NON-UTILITY PLANT

DESCRIPTION - NON-UTILITY ASSETS	Balance Beginning of Year	Debits During Year	Credits During Year	Balance Close of Year
Aniani SS Site (land)	35,107			35,107
Keawe SS Site (land)	4,001,910			4,001,910
Nakuiki SS Site (land)	491,560			491,560
Ohua SS Site (land)	321,740			321,740
Waianae SS Site (land)	81,458			81,458
Heat Pump System	59,808			59,808
E-Business Project	1,147,326			1,147,326
Four 46x46 Oil Canvas Paintings		10,607	·	10,607
	_			
	_			
	_			
	_			
	_			
	_			
TOTAL	6,138,909	10,607	<u></u>	6,149,516
TOTAL	0,130,303	10,007	-	0,143,310

# Schedule A-4 RESERVE FOR DEPRECIATION NON-UTILITY PLANT

	Balance			
DESCRIPTION	Beginning	Debits	Credits	Balance
		During Year		
NON-UTILITY ASSETS	of Year	During Year	During Year	Close of Year
Heat Pump System	45,694		2,285	47,979
E-Business Project	1,125,928		11,096	1,137,024
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TOTAL	1,171,622	-	13,381	1,185,003

## Schedule A-5 INVESTMENT IN ASSOCIATED COMPANIES

DESCRIPTION OF ITEM	Date Acquired	Date of Maturity	Amount	Book Cost End of Year	Revenues For Year	Gain or Loss from Investment
Maui Electric Company, Limited	11/01/68			228,927,514	12,627,036	
Hawaii Electric Light Company, Inc.	02/01/70			268,907,610	16,211,958	
Renewable Hawaii	12/2002			79,154	(931)	
HECO Capital Trust III	3/2004			1,546,400	100,516	
Uluwehiokama Biofuels Corp.	9/2007			24,466	(2,159)	
	ļ					
TOTAL	xxxxxx	****		499,485,144	28,936,420	

### Schedule A-5-A OTHER INVESTMENTS

DESCRIPTION OF ITEM	Date Acquired	Date of Maturity	Amount	Book Cost End of Year	Revenues For Year	Gain or Loss from Investment
None						
TOTAL	****	****				

### Schedule A-6 SPECIAL FUNDS

NAME AND PURPOSE OF FUND	Balance End of Year
None	
TOTAL	

## Schedule A-7 SPECIAL DEPOSITS

DESCRIPTION AND PURPOSE OF DEPOSIT	Balance
	End of Year
None	
<u></u>	
TOTAL	

## Schedule A-8 TEMPORARY CASH INVESTMENTS

	DESCRIPTION OF ITEM	Par or Stated Value	Book Cost End of Year	Ledger Value	Revenues For Year
None					
	TOTAL				

### Schedule A-9 ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR.

ITEM	Utility Customers	Merchandise, Jobbing and Contract Work	Officers and Employees	Other	Total
Balance Beginning of Year	1,046,495			206,100	1,252,595
Prov. for Uncollectibles for Year	1,903,660			184,842	2,088,502
Accounts Written Off	(2,442,896)			(178,637)	(2,621,533)
Collection of Accts. Written Off	854,176			10,195	864,371
Adjustments: (Explain)					
BALANCE END OF YEAR	1,361,435			222,500	1,583,935

### Schedule A-10 FUEL STOCK

	Total	Ste	am	Dies	:el
	Cost	Barrels	Cost	Barrels	Cost
Beginning of Year (excludes fuel for vehicles)	128,036,693	853,411	113,241,525	72,177	14,795,168
Purchased During Year:	940,385,605	6,709,759	921,941,905	77,021	18,443,700
Consumed During Year:	(945,245,846)	(6,703,981)	(924,349,278)	(89,714)	(20,896,568)
End of Year	123,176,452	859,189	110,834,152	59,484	12,342,300
Fuel for Vehicles	0	*****	0	XXXXXXXX	0
Balance End of Year	123,176,452		110,834,152	****	12,342,300

## Schedule A-11 PREPAYMENTS

NATURE OF PAYMENTS	Balance End of Year
Prepaid Federal Income Tax	4,204,477
Prepaid State Income Tax	3,761,813
Insurance premiums	2,951,210
Prepaid maintenance	1,624,133
Prepaid rent	74,001
TOTAL	12,615,634

# Schedule A-12 MISCELLANEOUS CURRENT AND ACCRUED ASSETS

DESCRIPTION OF ITEM	Balance End of Year
Prepaid interest	5,634,020
Other deposit	21,565
TOTAL	5,655,585

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			4	Dariod				
DESCRIPTION OF TOWN DEPT		Total Discount	Allientica	Allonization i Litor	Ralance	Pehits	Credite	Ralance
DESCRIPTION OF LONG-LEKM DEBI	Hincipal Amount	and Expense	From	To	Beginning of Year	During Year	During Year	End of Year
					110,000		110 300	
Revenue Bond, 5.45% Series 1993	*	2,325,503	11/93	11/23	926,011		110,026	O
Revenue Bond, 5.65% Series 1997A	20,000,000	836,812	10/97	10/27	251,448	45,000	58,822	237,626
Revenue Bond, 4.95% Refunding Series 1998A	*	761,494	3/98	4/12	13,562		13,562	0
Revenue Bond, 5.75% Refunding Series 1999B	*	1,111,009	66/8	12/18	398,265		398,265	0
Revenue Bond, 6.2% Series 1999C	*	1,064,017	11/99	11/29	665,726		665,726	0
Revenue Bond, 6.15% Refunding Series 1999D	*	418,895	11/99	11/20	166,643		166,643	0
Revenue Bond, 5.70% Refunding Series 2000	*	1,281,149	12/00	7/20	554,834		554,834	0
Revenue Bond, 5.10% Refunding Series 2002A	*	2006'400	9/02	9/32	706,500		706,500	0
Revenue Bond, 5.00% Refunding Series 2003B	40,000,000	1,527,947	5/03	7/20	852,995		78,137	774,858
Revenue Bond, 4.80% Refunding Series 2005A	40,000,000	1,082,796	11/05	1/25	690,113		82,058	429,011
Revenue Bond, 4.65% Series 2007A	100,000,000	166'612'1	3/07	181	1,160,147		123,521	1,036,626
Revenue Bond, 4.60% Series 2007B	62,000,000	1,090,508	3/07	7/26	678,742		86,872	591,870
Revenue Bond, 6.50% Series 2009	90,000,000	612'066	60/L	1/39	856,576		31,148	825,428
* Bonds were redeemed or matured during 2012.								
6.50% Series 2004, Junior subordinated								
deferrable interest debentures, due 2034	31,546,400	932,963	3/18/04	3/18/34	159'069		31,099	659,552
Syndicated Credit Facility (not long-term debt)					276,608	4,381	175,283	605,706
Other I now term debt (								
Taxable unsecured senior notes:								
HECO, 3.79% series 2012A, due 2018	30,000,000	161.733	5/12	11/18		161.733	16.108	145,625
HECO, 4.03%, series 2012B, due 2020	62,000,000	328,983	5/12	12/19		328,983	28.607	300,376
HECO, 4.55%, series 2012C, due 2023	50,000,000	265,266	5/12	10/23		265,266	15,378	249,888
HECO, 4.72%, series 2012D, due 2029	35,000,000	185,620	5/12	10/29		185,620	7,071	178,549
HECO, 5.39%, series, 2012E, due 2042	150,000,000	809,823	5/12	3/42	26,131	802,149	18,458	809,822
HECO, 4.53%, series 2012F, due 2032	40,000,000	199,672	10/12	8/32		199,672	2,500	197,172
Total	780,546,400	19,044,602			9,235,908	1,992,804	4,186,603	7,042,109

## Schedule A-14 EXTRAORDINARY PROPERTY LOSSES

DESCRIPTION OF ITEM	Total Amount	Previously	Written Off D	uring Year	Balance
41.00	of Loss	Written Off	Ac. Charged	Amount	End of Year
None	<u> </u>		-	-	<u> </u>
	<u> </u>				-
				****	
	_				∦
Total				<u></u>	<u> </u>

### Schedule A-15 MISCELLANEOUS DEFERRED DEBITS

DESCRIPTION OF OTHER DEFERRED DEBITS	Balance
	End of Year
Deferred Project Costs - CIS	13,487,150
Deferred Project Costs - HR Suites	4,240,802
Deferred Project Costs - OMS	3,100,994
Deferred Project Costs - ERP EAM Project	3,379,432
Cash Surrender Value - Life Insurance	5,870,481
Joint Pole Accrual	5,000,000
Budget System Project	1,612,281
Waiau Water Wells	765,185
Others	303,329
TOTAL	37,759,654

# Schedule A-16 DEFERRED REGULATORY COMMISSION EXPENSES

DESCRIPTION OF CASE	Total Expenses	Amort	ization	Balance
	of Case	Previous Years	Current Year	End of Year
·	· ·			0
				0
	0	0	0	0

### Schedule A-17 COMMON STOCK ISSUED

DESCRIPTION	Par or Stated Value Per Share	ll .	of Shares of Year Outstanding	Book Liability Actually Outstanding At End of Year	Premium or Discount
Common Stock	6.67	50,000,000	14,665,264	97,788,040	471,984,546
				<u> </u>	
Total	6 2/3	50,000,000	14,665,264	97,788,040	471,984,546

### Schedule A-18 PREFERRED STOCK ISSUED

Series	Dividend Rate	Face Amount	Date of Issue	Date of Maturity	Premiums or Discount	Amount Actually Outstanding
С	4.250	3,000,000	10/45	**		3,000,000
D	5.000	1,000,000	8/48	**		1,000,000
Е	5.000	3,000,000	3/50	**		3,000,000
_ н	5.250	5,000,000	10/60	**		5,000,000
I	5.000	1,793,140	8/61	**		1,793,140
J	4.750	5,000,000	6/62	**		5,000,000
K	4.650	3,500,000	1/64	**		3,500,000
		Subtotal				22,293,140
		Less: Sinking Fund	Payments Due	Within One Y	ear	
To	tal					22,293,140

<sup>\*\*</sup> Perpetual, no sinking fund provision

### Schedule A-19 REACQUIRED CAPITAL STOCK

CAPITAL STOCK	Number of Shares Reacquired	Cost Per Share Reacquired	Balance End of Year
None			
Total			

### Schedule A-20 CAPITAL STOCK EXPENSE

CLASS AND SERIES OF STOCK	Balance End of Year
Common Stock	3,545,223 394,69
Preferred Stock	394,693
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	Total 3,939,92

# Schedule A-21 ANALYSIS OF APPROPRIATED RETAINED EARNINGS

ITEM	Account	Amount
Balance beginning of year	****	
	1	
CREDITS	****	****
Give nature of each credit and account charged:		
j		
Total Credits	*****	
DEBITS	*****	****
Give nature of each credit and account charged:		****
	<u> </u>	
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	<del> </del>	<del></del>
Total Debits		
1 OTAL DEDITS	*****	0
DATANCE END OF SEPAR	<b></b>	<u> </u>
BALANCE END OF YEAR	****	0
	L	

# Schedule A-22 ANALYSIS OF UNAPPROPRIATED RETAINED EARNINGS

·	Amount	Increase or Decrease
	) runsan	From Preceding Year
		Trom Frededing Tear
Retained Earnings, Beginning of Year	884,283,277	20 427 255
Balance transferred from income account	100,355,448	29,427,355 (710,302)
Bajance gansieried from meonie account	100,333,446	(710,302)
Miscellaneous Credits		
171000 Italia ota ota ota ota ota ota ota ota ota ot		
TOTAL CREDITS	984,638,725	28,717,053
Miscellaneous Debits	<u> </u>	
Certain reclassifications to prior years' financial statement to		
conform to the 2012 presentation, which did not affect		
previously reported results of operations.	3,242,921	3,242,921
	<b> </b>	
	<u> </u>	
	<b></b>	
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		<u> </u>
	<del> </del>	
	<del> </del>	
Dividends Declared Common Stock	73,043,376	2,484,888
Dividends Declared Preferred Stock	1,079,907	0
TOTAL DEBITS	77,366,204	5,727,809
RETAINED EARNINGS End of Year	907,272,521	22,989,244

# Schedule A-23 ONG-TERM DEBT

		LONG-T	LONG-TERM DEBT				
						PREMIUM O	PREMIUM OR DISCOUNT
	Date	Maturity	Amount	Amount	Interest	Balance	Amortized
CLASS AND SERIES OF OBLIGATION	of Issue	Date	Authorized	Outstanding	For the Year	End of Year (1)	During Year (1)
Revenue Bond, 5.45% Series 1993	11/93	11/23	20,000,000	0	1,089,999	0	11,217
Revenue Bond, 5.65% Series 1997A	16/01	10/27	50,000,000	50,000,000	2,825,000		
Revenue Bond, 4.95% Refunding Series 1998A	3/98	4/12	42,580,000	0	526,928		
Revenue Bond, 5.75% Refunding Series 1999B	66/8	12/18	30,000,000	0	570,208	0	5,984
Revenue Bond, 6.2% Series 1999C	11/99	11/29	35,000,000	0	717.306		
Revenue Bond, 6.15% Refunding Series 1999D	11/99	11/20	16,000,000	0	325,267		
Revenue Bond, 5.70% Refunding Series 2000	12/00	7/20	46,000,000	0	866,717	0	1,949
Revenue Bond, 5.10% Refunding Series 2002A	9/02	9/32	40,000,000	0	1,462,000	0	7.032
Revenue Bond, 5.00% Refunding Series 2003B	5/03	7/20	40,000,000	40,000,000	2,000,000		
Revenue Bond, 4.80% Refunding Series 2005A	11/05	1/25	40,000,000	40,000,000	1,920,000		
Revenue Bond, 4.65% Series 2007A	3/07	3/37	100,000,000	100,000,000	4,650,000		
Revenue Bond, 4.60% Series 2007B	3/07	3/26	62,000,000	62,000,000	2,852,000		
Revenue Bond, 6.50% Series 2009	60/L	7/39	000'000'06	90,000,000	5,850,000		
6.50% Series 2004, Junior subordinated							
deferrable interest debentures, due 2034	3/04	3/34	31,546,400	31,546,400	2,050,516		
Other Long-term debt (unsecured)							
Taxable unsecured senior notes:							
HECO, 3.79% series 2012A, due 2018	4/12	12/18	30,000,000	30,000,000	795,900		
HECO, 4.03%, series 2012B, due 2020	4/12	1/20	62,000,000	62,000,000	1,749,020		
HECO, 4.55%, series 2012C, due 2023	4/12	11/23	50,000,000	50,000,000	1,592,500		
HECO, 4.72%, series 2012D, due 2029	4/12	11/29	35,000,000	35,000,000	1,156,400		
HECO, 5.39%, series, 2012E, due 2042	4/12	4/42	150,000,000	150,000,000	5,659,500		
HECO, 4.53%, series 2012F, due 2032	9/12	9/32	40,000,000	40,000,000	543,600		
(1) The balance of the discount was reclassified							
to regulatory assets.							
E	- 1 :		000, 701, 010.				
T OFFICE	X Y Y Y X Y X	XXXXXXX	1,040,126,400	180,346,400	39,202,801	0	26,182

	S.
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		AG	ACCRUED TAXES				
	Balance Begin	nning of Year				Balance End of Year	nd of Year
KIND OF TAX	Taxes		Taxes Charged	Paid	Adjustments	Taxes	
	Accrued		During Year	During Year		Accrued	
Federal Income Tax	0		(1,330,334)	(4,075,000)	(2,744,666)	0	
State Income Tax	0		(2,787,664)	000'59	2,852,664	0	
Federal Unemployment Tax	1,998		134,197	97,453		38,742	
FICA - Employer	400,001		13,333,266	13,235,575		497,692	
Franchise Tax	50,664,677		61,260,119	50,570,016		61,354,780	
PSC Tax	91,213,710		132,412,417	121,715,585		101,910,542	
PUC Fee	9,543,743		11,249,993	10,487,752		10,305,984	
General Excise & Use Tax	325,181		2,303,349	2,340,585		287,945	
State Unemployment Tax	165,845		1,245,335	1,330,101		81,079	
		•					
Total	152,315,155	0	217.820,678	195,767,067	107,998	174,476,764	0

### Schedule A-25 MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES

Description	Balance End of Year
Accrued Payroil	5,483,954
Accrued Vacation	6,123,184
Accrued Retirement Plan Contribution	434,216,687
Incentive Compensation Programs	464,129
Executive Incentive Program	1,467,120
Customer Downpayment - Preliminary Engineering	1,738,228
Accrued Emission Fees	1,412,781
Accrued Public Benefits Fund Liability	7,387,767
Other miscellaneous	4,798,563
Total	463,092,413

### Schedule A-26 CUSTOMER ADVANCES FOR CONSTRUCTION

Item	Debit	Credit	Amount
Balance Beginning of Year			2,141,255
Advances By Customers		394,194	394,194
Refunds To Customers	230,863		(230,863)
Adjustment	21,569		(21,569)
Transferred to Acct. No. 271	36,183		(36,183)
Balance End of Year			2,246,834

### Schedule A-27 OTHER DEFERRED CREDITS

Description of Deferred Credits	Balance
	End of Year
Asset Retirement Obiligation	47,974,955
OPEB Liability	26,154,887
Non-Current Tax Liability	418,726
Liabilitiy Reserves	5,148,082
Solar Saver Fund	1,058,543
OPEB Net Periodic Benefit Costs	6,811,858
Pension Net Periodic Benefit Costs	7,739,552
SFAS 112 Post Employment Liability	346,987
Revenue Bond Investment Income Differential	(354,761)
Deferred Gains	315,948
Long-term Incentive Plan	854,590
Unamortized Tenant Improvement Allowances	7,268,493
Deferred Compensation - RSU	921,127
Other Miscellaneous_	2,677,091
Total	107,336,078

83	UNAMORTIZED PREMIUM ON DEBT
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			Amortization Period	on Period	Balance			Balance
DESCRIPTION OF LONG-TERM DERT	Amount	Dremin	From	Ę	Beginning	Debits	Credits	E
				2	of Year	During Year	During Year	of Year
		,						
None								
								İ
		:						
Total								

## Schedule A-29 ACCUMULATED DEFERRED INCOME TAXES

	Balance		Balance	
ITEMS	Beginning of Year	Amts. Debited	Amts. Credited	End of Year
Liberalized Depreciation:	121,374,683		37,507,846	158,882,529
Others: (Specify)				
Deferred Taxes - Other Utility	115,515,620		28,170,259	143,685,879
Total	236,890,303		65,678,105	302,568,408

### Schedule A-30 ACCUMULATED DEFERRED INVESTMENT TAX CREDITS

	Balance	Changes D	uring Year	Balance
ITEMS	Beginning of Year	Amts. Debited	Amts. Credited	End of Year
Revenue Act of 1971	976,929	55,504		921,425
Accum Def Energy Tax Credit	-		186,678	186,678
State ITC	33,899,568	830,065	5,649,876	38,719,379
Total	34,876,497	885,569	5,836,554	39,827,482

### Schedule A-31 CONTRIBUTIONS IN AID OF CONSTRUCTION

	Debits	Credits	Amount
Balance Beginning of Year	XXXXXXXXX	XXXXXXXXX	204,795,271
Transferred From Acct. No. 252	XXXXXXXX	36,183	36,183
Contributions		37,689,571	37,689,571
Contributions In Kind		884,919	884,919
Amortization	4,895,840		(4,895,840)
Transferred To:			
Balance End of Year			238,510,104

### Schedule B ANALYSIS OF INCOME ACCOUNT

	Sched.		Increase-Decrease
ACCOUNT TITLE	No.	Amount	From Preceding Year
	INU.	AUDUM	rium riocaung teat
UTILITY OPERATING INCOME	B-1	2,221,929,439	111,681,205
Operating Revenues	B-1	2,221,323,433	111,001,203
Operating Expenses	B-2	1,669,982,346	54,673,420
Operating Expense	B-2 B-2	79,587,658	
Maintenance Expense	B-2		(1,995,050)
Depreciation Expense		92,161,128	(1,920,739)
Amortization of Limited Term Electric Plant		1,142,568	368,291
Amortization of CIAC	1	(4,895,840)	2,890,628
Amortization of Regulatory Assets	<b>(</b>	2,181,196	149,387
Amortization of Investment Income Differential		194,264	(27,884)
Taxes Other Than Income Taxes	B-3	209,943,198	13,773,523
Income Taxes	B-3	(28,672,208)	(22,754,139)
Provision for Deferred Income Taxes	B-3	57,226,856	14,421,632
Provision for Deferred Investment Tax Cr.	:	5,836,554	2,920,478
Income Taxes Deferred in Prior YrsCr.	B-3	21,026,195	21,944,118
Amortization of Def. Investment Tax CrCr.	ii ii	(830,065)	403,118
o		2,104,883,850	84,846,783
Total Operating Expenses		2,104,003,030	04,040,783
Operating Income			
Income from Utility Plant Leased to others			<del></del>
		117,045,589	26,834,422
Total Operating Income		117,043,365	20,834,422
OTHER INCOME			
Income from Mdse., Jobbing & Contract Work (Net)			
Income from Non-utility Operations		172 204	2.025
Nonoperating Rental Income	ll l	172,304	3,935
Interest & Dividend Income		2,384,755	1,734,726
Allowance for Funds Used During Construction		9,376,451	2,864,668
Miscellaneous Non-operating Income		43,748,993	(8,194,889)
M. A. I. Outhorn Toronton		55,682,503	(3,591,560)
Total Other Income	l	33,062,303	(3,371,300)
OTHER INCOME DEDUCTIONS		55,086	0
Miscellaneous Amortization		31,474,247	20,732,795
Miscellaneous Income Deductions  Total Other Income Deductions	į	31,529,333	20,732,795
Total Other Income and Deductions	l	24,153,170	(24,324,355)
	I	24,155,176	(24,324,333)
INTEREST CHARGES		37,152,345	2,681,635
Interest on Long-Term Debt		1,951,109	(71,438)
Amortization of Debt Discount & Expense	ı	1,331,109	(71,436)
Amortization of Premium on Debt Cr.	Ì	2,101,979	24,625
Interest on Debt to Associated Companies Other Interest Expenses		(362,122)	585,547
Total Interest Charges		40,843,311	3,220,369
Income Before Extraordinary Items	1	100,355,448	(710,302)
EXTRAORDINARY ITEMS		100,555,110	(710,502)
Extraordinary Income Extraordinary Deductions			
Income Taxes, Extraordinary Items	Ŋ.		
Total Extraordinary Items			
totti iveti toranner à recins	1		
,			
ATT DISONET		100,355,448	(710.200)
NET INCOME		100,333,448	(710,302)

# Schedule B-1 ANALYSIS OF GROSS OPERATING REVENUES Utility Department

ACCOUNT TITLE	Current Year	Previous Year
Operating Revenues:		
Residential	"R" 623,684	,076 616,782,447
General Service Non Demand	"G" 116,736	
General Service Demand	j/u" 624,0 <b>94</b>	,513 595,029,684
Commercial Cooking, Heating & Refrigeration	"H"	0 1,087,752
Primary Power	"P" 840,4 <b>0</b> 9	,169 767,952,978
Public Street & Highway, Parks & Playground	"F" 11,750	0,684 10,858,667
Sub-Total	2,216,675	,204 2,103,859,337
Other Operating Revenues:		
Penalty Charge - Field Collection, Return Check Fee,		
Delinquent Payment, Late Fees, and other charges	2,160	,611 2,155,191
Miscellaneous Service Revenues	901	,761 841,018
Rent From Property	578	,767 731,013
Other Revenues	1,613	,096 2,661,675
Sub-Total	5,254	,235 6,388,897
Sur Ivia	3,234	0,388,897
Total Gross Operating Revenues	2,221,929	,439 2,110,248,234

# Schedule B-2 ANALYSIS OF OPERATION AND MAINTENANCE EXPENSE ACCOUNTS

ACCOUNT TITLE	Current Year	Previous Year
POWER PRODUCTION EXPENSES		
Steam Power Generation		
Operation Constitution of Facilities	1 127 770	1 206 50
500 Operation Supervision and Engineering	1,137,772	1,306,52
501 Fuel	924,349,279	888,998,55
502 Steam Expenses	10,280,930	10,689,61
503 Steam from Other Sources		
504 Steam TransferredCr.	7.512.007	7 500 5
505 Electric Expenses	7,513,907	7,522,73
506 Miscellaneous Steam Power Expenses	9,105,067	8,765,84
507 Rents	318,948	139,8
Total Operation	952,705,903	917,423,1
Maintenance		
510 Mainténance Supervision and Engineering	72,811	33,19
511 Maintenance of Structures	4,254,972	4,023,2
512 Maintenance of Boiler Plant	26,736,127	25,513,8
513 Maintenance of Electric Plant	12,772,409	13,073,8
514 Maintenance of Miscellaneous Steam Plant	4,337,548	4,561,68
Total Maintenance	48,173,867	47,205,84
Total Steam Power Generation	1,000,879,770	964,629,02
Hydraulic Power Generation		
Operation		
535 Operation Supervision and Engineering		
536 Water for Power		
537 Hydraulic Expenses		
538 Electric Expenses		·
539 Misc. Hydraulic Power Generation Expenses		
540 Rents		· · · · · · · · · · · · · · · · · · ·
Total Operation	0	
Maintenance		
541 Maintenance Supervision and Engineering	<sub></sub>	
542 Maintenance of Structures		<del></del>
543 Maintenance of Reservoirs, Dams and Waterways		
544 Maintenance of Electric Plant		
545 Maintenance of Miscellaneous Hydraulic Plant		
Total Maintenance	0	<del></del>
Total Hydraulic Power Generation	0	
Other Power Generation		
Operation		
546 Operation Supervision and Engineering	2,639,194	1,587,78
547 Fuel	20,896,568	20,173,28
548 Generation Expenses	1,232,683	1,681,24
549 Miscellaneous Other Power Generation Expenses	981,805	1,000,89
550 Rents	501,500	.,000,0
Total Operation	25,750,250	24,443,21

ANALYSIS OF OPERATION AND MAINTENANCE E	XPENSE ACCOUNTS- (Co	ontinued)
ACCOUNT TITLE	Current Year	Previous Year
Maintenance		71071000 1001
551 Maintenance Supervision and Engineering	263	2,073
552 Maintenance of Structures	745,561	850,032
553 Maintenance of Generating and Electric Plant	2,260,790	2,681,284
554 Maint, of Misc. Other Power Generation Plant	638,614	702,566
Total Maintenance	3,645,228	4,235,955
Total Other Power Generation	29,395,478	28,679,165
Other Power Supply Expenses		
555 Purchased Power	540,801,591	522,503,326
556 System Control and Load Dispatching		
557 Other Expenses	2,242,237	4,730,318
Total Other Power Supply Expenses	543,043,828	527,233,644
		<del></del>
TOTAL PRODUCTION EXPENSES	1,573,319,076	1,520,541,831
		<del></del>
TRANSMISSION EXPENSES		
Operation		
560 Operation Supervision and Engineering	732,089	578,114
561 Load Dispatching	2,521,322	2,869,489
562 Station Expenses	735,448	903,835
563 Overhead Line Expenses	1,495,549	1,272,778
564 Underground Line Expenses	10,192	4,435
565 Transmission of Electricity by Others		
566 Miscellaneous Transmission Expenses	2,057,673	3,946,493
567 Rents	145,642	70,958
Total Operation	7,697,915	9,646,102
Maintenance		
568 Maintenance Supervision and Engineering		
569 Maintenance of Structures	464,082	58,523
570 Maintenance of Station Equipment	3,893,747	4,164,782
571 Maintenance of Overhead Lines	2,872,504	3,585,882
572. Maintenance of Underground Lines	109,860	221,349
573 Maintenance of Miscellaneous Transmission Plant	192,403	156,986
Total Maintenance	7,532,596	8,187,522
TOTAL TRANSMISSION EXPENSES	15,230,511	17,833,624
DISTRIBUTION EXPENSES		
	<u> </u>	
Operation	_ <b> </b>	<del></del>
580 Operation Supervision and Engineering	587,803	871,999
581 Load Dispatching	1,931,519	1,965,941
582 Station Expenses	1,075,406	1,265,038
583 Overhead Line Expenses	884,072	550,178
584 Underground Line Expenses	1,701,588	1,022,320
585 Street Lighting and Signal System Expenses	_ <del> </del>	
586 Meter Expenses	2,343,907	1,786,458
587 Customer Installations Expenses	301,115	603,389
588 Miscellaneous Distribution Expenses	9,100,484	7,840,207
589 Rents	10,496	10,912
Total Operation	17,936,390	15,916,442

ANALYSIS OF OPERATION AND MAINTENANCE	EXPENSE ACCOUNTS- (Co	ontinued)
ACCOUNT TITLE	Current Year	Previous Year
Maintenance	Culterit real	Frevious Year
590 Maintenance Supervision and Engineering		
591 Maintenance of Structures	182,922	193,812
592 Maintenance of Station Equipment	4,395,318	4,227,732
593 Maintenance of Overhead Lines	8,485,118	9,474,084
594 Maintenance of Underground Lines	3,686,378	4,064,660
595 Maintenance of Line Transformers	784,733	1,176, <b>774</b>
596 Maintenance of Street Lighting & Signal Systems	17,946	21,462
597 Maintenance of Meters	1,285	2,244
598 Maintenance of Miscellaneous Distribution Plant	1,782,238	1,497,588
Total Maintenance	19,335,938	20,658,356
TOTAL DISTRIBUTION EXPENSES	37,272,328	36,574,798
CUSTOMER ACCOUNTS		
Operation		
901 Supervision	2,482,087	1,666,112
902 Meter Reading Expenses	3,391,620	2,847,304
903 Customer Records and Collection Expenses	16,053,008	10,111,562
904 Uncollectible Accounts	1,919,765	2,708,314
905 Miscellaneous Customer Accounts Expenses	0	1,953
TOTAL CUSTOMER ACCOUNTS	23,846,480	17,335,245
CALEG EVIDENCES		
SALES EXPENSES		
Operation 909 Supervision	434,443	280,367
910 Demonstrating and Selling Expenses	10,469,427	9,627,516
911 Advertising Expenses	1,114,173	922,011
912 Misc Customer Service Expenses	184,842	5,153
914 Revenues from Merchandising, Jobbing and Contract Work		2,,25
915 Costs and Expenses of Merchandising,		
Jobbing and Contract Work		
916 Miscellaneous Sales Expenses		
TOTAL SALES EXPENSES	12,202,885	10,835,047
TOTAL SALES EAFENSES	12,202,885	10,033,047
ADMINISTRATIVE AND GENERAL EXPENSES		
Operation		
920 Administrative and General Salaries	26,915,556	25,380,939
921 Office Supplies and Expenses	19,326,623	15,301,4 <b>58</b>
922 Administrative Expenses Transferred-Cr.	(17,293,896)	(8,025,018)
923 Outside Services Employed	2,892,843	2,081,837
924 Property Insurance	3,866,574	3,228,439
925 Injuries and Damages	8,056,601	7,073,873
926 Employee Pensions and Benefits	33,652,271	38,312,836
927 Franchise Requirements		045.05=
928 Regulatory Commission Expenses 929 Duplicate Charges—Cr.	397,743	962,808
930 Miscellaneous General Expenses	3,444,739	3,637,549
931 Rents	5,539,641	4,521,333
Total Operation	86,798,695	92,476,054
a seem of persons		761T701034

ANALYSIS OF OPERATION AND MAINTENANCE	EXPENSE ACCOUNTS- (C	ontinued)
ACCOUNT TITLE	Current Year	Previous Year
Maintenance		
932 Maintenance of General Plant	900,029	1,295,035
TOTAL ADMIN. & GENERAL EXPENSES	87,698,724	93,771,089
TOTAL OPERATING EXPENSES	1,749,570,004	1,696,891,634
TOTAL OPERATION EXPENSES	1,669,982,346	1,615,308,926
TOTAL MAINTENANCE EXPENSES	79,587,658	81,582,708

# Schedule B-3 ANALYSIS OF TOTAL CORPORATION TAXES

				٥	DISTRIBUTION OF TAXES	S	
DESCRIPTION OF TAX	Rate	Total Taxes	Taxes Other	Income	Charged	Other	Non-Utility
		Charged During Year	Than Income	Taxes	To Plant		
STATE TAXES:		0000		1000 170 07			(5 573)
Income Tax		(3,972,960)		(3,967,387)			(C/C,C)
Deferred Income Tax		3,159,514		4,904,057			(1,744,543)
Income Taxes Deferred Prior Yrs		2,175,326		2,175,326			
Consumption and Gross Income		2,303,349				2,303,349	
Franchise		57,707,842	57,707,842				
Unemployment		1,245,335				1,245,335	
Public Service Company Tax		132,277,786	132,277,786				
Total State Taxes		194,896,192	189,985,628	3,111,996		3,548,684	(1,750,116)
FEDERAL TAXES:							
Income Tax		(24,735,296)		(24,704,821)			(30,475)
Deferred Income Tax		42,782,270		52,322,799			(9,540,529)
Income Taxes Deferred Prior Yrs		18,850,869		18,850,869			
F.I.C.A.		13,333,266	8,719,016			4,614,250	
Unemployment		134,197				134,197	
Vehicle Use		0					
Capital Gains							
					:		
Total Rodonal Tower		700 376 03	7.00.00	E10 001 01		27 07 27	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
TOTAL LOCAL MAKES		000,000,000	8,719,016	40,408,847		4,748,447	(9,571,004)
FEES AND LICENSES: Automobile							
Public Utilities Commission		11,238,554	11,238,554				
E							
I otal Fees and Licenses		11,238,554	11,238,554				
TOTAL CORPORATION TAXES		256,500,052	209,943,198	49,580,843		8,297,131	(11,321,120)
							¥

Schedule C	CAL INFORMATION
Sched	STATISTICAL II

	12-month avg	12-month avg	Total K.W. Hrs	Net Revenue	Avg Annual	Average Net	Average Net	Percentage of
	Number of	Number of	Soid	Received	K.W. Hr. Sold	Revenue Per	Revenue Per	Total Revenue
Classification of Rates	Consumers	Meters	During Year	During Year	Per Consumer	K.W. Hr. Sold	Consumer	Received
	8	(3)	€	(5)	(9)	(7)	(8)	(6)
Residential "R"	263,929	263,763	1,776,145,936	623,452,859	6,730	0.35101	2,362	28.1%
Residential - Time of Use "R-T"	211	Z) J	665'689	231,217	6,157	0.33529	2,064	90.0
General Service Non-Demand "G"	25,546	24,941	319,856,019	116,730,004	12,521	0.36495	4,569	5.3%
General Service Non-Demand Time of Use G-T"	1	1	20,227	6,758	20,227	0.33411	6.758	0.0%
General Service-Demand "J/U"	7,201	7,210	1,964,306,601	624,094,513	272.782	0.31772	899'98	28.2%
	796	434	2,879,285,332	840,409,169	7,845,464	0.29188	2,289,943	37.9%
Street Lights	426	125	35,691,796	11,750,684	83,784	0.32923	27.584	0.5%
	-							
Total	107 501	703 700	013 300 300 3	100 303 3100	677.66	202110	7.440	200001
The s	795'167	000'047	0.0.000,000,00	407,C/0,012,2	7##·C7	0.31770	644.1	100.00
KW Hrs. Used - N/C	XXXXXXXXXX	XXXXXXXXXX	16,604,545	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXX
KW Hrs. Lost - Unaccounted	XXXXXXXXXX		318 395 179	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
KW His Net to system	XXXXXXXXXX		7,310,995,234	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX
KW Hrs Station use	XXXXXXXXX		278.418.921	XXXXXXXXXXX	XXXXXXXXXX	********	XXXXXXXXXX	XXXXXXXXX
KW Hrs & KW (Max) Generated - Steam	XXXXXXXXXX		4.368.330.900	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXX
KW Hrs & KW (Max) Generated - Diesel	XXXXXXXXXX		30.954.582	XXXXXXXXXX	XXXXXXXXXX	********	XXXXXXXXXX	XXXXXXXXX
KW Hrs & KW (Max) Generated - Hydro/Wind	XXXXXXXXXX		0	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXX		XXXXXXXX
Tot KWH & KW (Max) - Generated	XXXXXXXXXX		4.399.285.482	XXXXXXXXXX	XXXXXXXXXX	****	₩	TIXXXXXX
Tot KWH & KW (Max) - Purchased	XXXXXXXXXX		3,190,128,673	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXXX	XXXXXXXXX	XXXXXXXX
Percentage of Loss - Unaccounted	*********	XXXXXXXXXX	4.36%	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXX	XXXXXXXXX
Percentage Used - N/C	XXXXXXXXXX		0.23%	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXX
Avg. cost per KWH sold	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	****	****	0.301732	****	****
Ava Net Income nor KWU rold	3					00000	-	
OVE THE BEST OF THE SOIL	****	****	X X X X X X X X X X X X X X X X X X X	XXXXXXXXX	XXXXXXXXXXXX	0.010238	***	****
		, , , , , , , , , , , , , , , , , , , ,						

### Schedule D **MISCELLANEOUS DATA**

### Electric Utilities

State whether Electric energy is generated or purchased

Generated and purchased

If purchased, state from whom

Chevron USA, Inc., Tesoro Hawaii Corp, AES Hawaii, Inc., Honolulu Program of Waste Energy Recovery-City & County of Honolulu (H-Power), Kalaeloa Partners, L.P., Kahuku Wind Power, LLC, Kapolei Sustainable Energy Park, Kalaeloa Solar Two,

Kawailoa Wind; various Feed-in Tariff projects

State terms and duration of contract Chevron & Tesoro- continues in effect until terminated; AES-expires 2022; H-Power-

expires 2015; Kalaeloa Partners -expires 2016; Kahuku Wind Pwer-expires 2031, Kapolei-expires 2031, Kalaeloa Solar Two-

expires in 2032, Kawailoa Wind - expires in 2032; various Feed-in Tariff - expires 20 years from contract date

State contract price per K.W. Hr. Chevron, Tesoro, & H-Power - varies in accordance with Heco's short-term avoided cost;

AES & Kalaeloa Partners- varies depending on dispatch load point; Kahuku Wind Power - fixed annual prices

Kapolei - fixed annual prices, Kalaeloa Solar Two - fixed annual prices; Kawailoa Wind - fixed annual prices;

various Feed-in Tariff - fixed annual prices

### Generating Stations

	MOTIVE PO	Related Capacity	
LOCATION OF STATIONS			in
	No. of Units	Types of Unit	<u> </u>
Honolulu Generating Station	2	Steam Turbine	107,300
Waiau Generating Station	6	Steam Turbine	379,000
Waiau Generating Station	2	Combustion Turbine	101,800
Kahe Generating Station	6	Steam Turbine	620,500
Campbell Industrial Park Generating Station	L. L.	Combustion Turbine	113,000
	:		
<u> </u>			
			<del></del>
<b> </b>		<del></del>	
TOTALS	17		1,321,600

State generation capacity	1,755,600 includes purch	ased capacity of 434,000	K W
State peak demand	1,141,000 (i) includes purch	ased power	K W
State whether service supplied is "A	-C" or "D-C"	A-C	
State average daily maximum load of	n outgoing lines	20,030,124 (2)	K.W. Hrs.
State total bbls, fuel oil: Purchased	6,786,780 ; Consumed	6,793,695; On hand	918,673
State total cost fuel oil: Purchased	\$940,385,605	; Cost per bbl	\$138.56
State total cost fuel oil: Consumed	\$945,245,846	; Avg. cost per bbl: consumed	\$139.14
State total fuel oil adjustment Rever	iues \$896,103,190		
Cost of fuel oil per K.W.Hr.: General	ated \$ 0.229	4; per K.W. Hr. sold \$ 0.1355	
How often are meters tested? Give		How many tested?	
	Meters are calibrated during	overhauls, every 3-4 years.	

### State Peak Demand and Date of Peak for Each Month

	Date	Peak (t)		Date	Peak (1)
Jan	17	1,101,000	Jul	30	1,054,000
Feb	_ 6	1,040,000	Aug	13	1,089,000
Mar	19	1,024,000	Sep	4	1,069,000
Apr	3	1,031,000	Oct	8	1,130,000
May	21	1,036,000	Nov	3	1,083,000
Jun	13	1,036,000	Dec	4	1,141,000

(2) net system kwh+365 (i) Net peak demand

### Schedule D (Continued) MISCELLANEOUS DATA

### Transmission Substations

TRANSFORMERS				
LOCATION		No. of		Substation
	Voltages (KV)	Transformers	Rating (MVA)	Ratings (KV)
Archer	138/46	3	250	46
Archer	46/11.50	2	25	11.50
Campbell Estate Industrial Park	46/12.47	l l	12	12.47
Honolulu Unit 8	11,50/46	3	60	46
Honolulu Unit 9	11.50/46	3	60	46
Iwilei	138/46	2	160	46
[wifei	46/11.50	3	61	11.50
Iwilei	11.50/4.16	2	3	4.16
[wilei Network	138/11.50	3	150	11.50
[wilei	25/11.50	2	25	11.50
Kahe Units 1, 2, 3, 4	14.40/138	4	396	138
Kahe Unit 5	16/138	1	164	138
Kahe Unit 6	16/138	1	164	138
Kahe	138/46	2	100	46
Kahe	46/12.47		12	12.47
Karnoku	138/25	1	50	25
Koolau	138/46	4	320	46
Koolau	46/12.47	1	10	12.47
Makalapa	138/46	3	240	46
School Street	46/4.16	1	5	4.16
School Street	46/11.50	3	35	11.50
School Street	138/46	2_	160	46
Wahiawa	138/46	3	210	46
Wahiawa	46/12.50	3	35	12.50
Waiau Units 3, 4	11.50/46	6	112	46
Waiau Units 5, 6	11.50/138	2	120	138
Waiau Units 7, 8	14.40/138	2	198	138
Waiau Units 9, 10	13.80/138	2_	125	138
Waiau Bus Tie	138/46	2	160	46
Waiau	46/11.50	1	10	11.50
Pukele	138/46	4	320	46
Pukele	46/12.47	1	12	12.47
Halawa	138/46	2	160	46
Campbell Estate Industrial Park	138/46	2	130	46
Makalapa	46/11.50	2	25	11.50
Airport	138/11.50	2	100	11.50
Ewa Nui	138/46	1	80	46
Ewa Nui	46/12.47	2	26	12.47
<u>lwilei</u>	138/25	2	100	25
Kewalo	138/25	<u> </u>	50	25
Spare (80 MVA)	138/46	3		<u>-                                      </u>
CIP CT Unit 1	13.8/138	1	160	138
Kamoku (80 MVA)	138/46	1	80	46
TOTAL	*******	93	XXXXXX	

### **Distribution Substations**

		TRANSFORMERS		
LOCATION	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	No. of	<sub>B-4'-</sub>	Substation
	Voltages	Transformers	Rating	Ratings
<u>Ahi</u>	46/12.47	2	20 33	12.47
Aiea	46/11.50	3		11.50
Aikahi	46/4.16	3	6	4.16
Aina Koa	46/4.16	1		4.16
Aina Koa	46/12.47	1	10	12.47
Ena	46/12.47	4	48	12.47
Ewa Beach	46/12.47	2	22	12.47
Fort Street	46/4.16 46/11.50		25	4.16
Fort Street		2	25	11.50
Hala	46/11.50	2	25	11.50
Halekauwila	11.50/4.16		2	4.16
Hauula	46/11.50		10	11.50
Helemano	46/12,47	2	19	12.47
Hila	46/11.50	3	33	11.50
Hoaeae	46/12.47 46/11.50	2	22	12.47
Honolulu Kahala	46/4.16	2	25	11.50 4.16
Kahala Kahala	46/12,47	2	25	12.47
Kahuku	46/11.50	1	12	11.50
Kailua	46/4.16	2 _	- 12	4.16
Kailua	46/12.47	1	10	12.47
Kaimuki	46/4.16	2		4.16
Kakaako	46/11.50	4	63	11.50
Kalama	46/4.16	2	5	4.16
Kalihi	46/4.16	2	7	4.16
Kamiloiki	46/12.47	1	10	12.47
Kamoho	46/4.16	2	- 19	4.16
Kaneohe	46/12.47	3	30	12.47
Kaneohe	46/4.16	1	2	4.16
Kaonohi	46/11.50	2	25	11.50
Kapahulu	46/12.47	6	70	12.47
Kapalama	46/11.50	3	35	11.50
Kapiolani	46/4.16	2	7	4.16
Караа	46/4.16	1	2	4.16
Kapiolani	46/12.47	2	20	12.47
Kapolei	46/12.47	2	25	12.47
Keehi	46/11.50	4		. 11.50
Keolu	46/12.47	2	23	12.47
Kewalo	46/12.50	2	25	12.50
Kuapa	46/12.47	2	23	12.47
Kuilima	46/11.50	1	5	11,50
Kuhio	46/12.47	2	20	12.47
Kunia	46/11.50	1	5	11.50
Laciae	46/4.16	2	5	4.16
Lagoon	46/11.50	1	13	11.50
Lakeside	46/11.50	2	22	11.50
Makaha	46/12.47	2	22	12.47
Makakilo	46/12.50	2	20	12.50
Makaloa	46/12.47	4	47	12.47
Malakole	46/12.47	2	23	12.47
Manoa	46/12.50	1	10	12.50
Manoa	46/11.50	1	10	11.50
Mapunapuna	46/11.50	2	25	11.50
McCully	46/12.74	3	39	12.74
Mikilua	46/12.50	3	36	12.50

Distribution Substations				
		TRANSFORMERS		
LOCATION	14-44	No. of	Catler	Substation
Subtotal Distribution Substations	Voltages	Transformers	Rating	Ratings
	XXXXXXXXXX		XXXXXXX	13.50
Mililani	46/12.50	2	23	12.50
Mobile #1	46/12.47	<u> </u>	5	12.47
Mobile #2	46/12.47	1	13	12.47
Moiliili	46/12.50	1	10	12.50
Museum Park	11.50/4.16		10	4,16 12,47
Nuuanu	46/12.47	2	<del>                                     </del>	12.47
Pauoa Paud City	46/12.47	<u>. !</u>	10	والمستري والمراوي والمستراط
Pearl City	46/11.50 46/12.47	1	5	11.50 12.47
Pohakapu Piikoi	46/12.47	4	45	12.47
Puohala	46/12.50	1	10	12.50
Puunui	46/4.16	2	7	4.16
Ouarry	46/12.50	1	<del>- /</del> -	12.50
Queens	46/12.50	· 1	10	12.50
Upper Kipapa	46/12.47	2	25	12.47
Sand Island	46/12.50	2	20	12.50
Uwapo	46/12.50	2	22	12.50
Waiakamilo	46/11.50	2	22	11.50
Waialae	46/4.16	2	6	4.16
Waialua	46/11.50	2	20	11.50
Wajawa	46/12.47	2	25	12.47
Waihee	46/12.47	2	20	12.47
Waikiki	46/12.47	3	38	12.47
Wailupe	12.50/4.16	2	30	4.16
Wailupe	46/12.47	1	10	12.47
Waimalu	46/11.50	2	23	11.50
Waiamanalo Beach	46/12.47	2	13	12.47
Waimano	46/11.50	3	20	11.50
Waimea	46/12.47	1	12	12.47
Waipahu	46/12.47	2	20	12.47
Waipio	46/12.50	1	10	12.50
Whitmore	46/12.74	2	24	12.74
Wiliwili	46/12.47	1	5	12.47
Woodlawn	46/4.16	4	11	4.16
Wheeler	46/12.47	-	10	12.47
Waipiolani	46/12.47	2	20	12.47
H3 - Haiku Tunnel	46/12.47	1	10	12.47
Kalaheo	46/12.47	1	10	12.47
Kunia Makai	46/12.47	2	20	12.47
Fort Weaver	46/12.74	2	24	12.74
Kamokila	46/12.74	3	36	12.74
Hanua	46/12.47	11	6	12.47
Mokuone	46/12.47	1	10	12.47
Ocean Pointe	46/12.47	2	24	12.47
Ko Olina	46/12.47	2	25	12.47
Spare 8% Z (12.5 MVA)	46/12.47	11	<b> </b>	
Spare 10% Z (12.5 MVA)	46/12.47	4	<b></b>	<u> </u>
Spare (4.7MVA)	46/4.16	2	<b></b>	<u>-</u>
TOTAL	******	209	*****	

# Schedule E CONTINGENT ASSETS AND LIABILITIES Commitments:

### **VERIFICATION**

I swear (or declare) that the foregoing report has been prepared under my direction, from the original books, records and documents of the respondent corporation; that I have carefully examined the foregoing report; that I believe to the best of my knowledge and information, all statements of fact and all accounts and figures contained in the foregoing report are true; that the said report is a correct and complete statement of the business, affairs and all operations of the respondent corporation during the period for which said report has been prepared.

Honolulu, Hawaii	Cathlynn R. Yoshida
City of Town	Signature of Officer
5/15/2013	Controller
Date	Title of Officer
Subscribed and sworn to before me  this 15 <sup>TM</sup> day of May , 20 1  LISA ANN S. YAMADAotary Public  Judicial Circuit	WIND ARY ACTUAL
Judicial Circuit State of Hawaii	
My Commission expires 1 9 OCT 1015	