

State of Hawaii



Public Utilities Commission

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Entity:	Hawaii Electric Light Company, Inc.
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JAY IGNACIO, P. E.
President

March 27, 2015

The Honorable Chair and Members
of the Hawai'i Public Utilities Commission
Kekuanaoa Building, First Floor
465 South King Street
Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: Hawai'i Electric Light Energy Cost Adjustment Factor for April 2015

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") energy cost adjustment factor for April 2015 is -0.990 cents per kilowatt-hour ("kWh"), a decrease of 0.471 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$170.37, a decrease of \$3.95 compared to the rates effective March 1, 2015. The decrease in the typical residential bill is due to the decrease in the energy cost adjustment factor (-\$2.35), the decrease in the Purchased Power Adjustment Clause rate (-\$0.06), and the decrease in the SolarSaver Adjustment (-\$1.54).¹

Hawai'i Electric Light's fuel composite cost of generation decreased 144.42 cents per million BTU to 1,252.98 cents per million BTU. The composite cost of distributed generation decreased 1.405 cents per kWh to 17.338 cents per kWh. The composite cost of purchased energy increased 0.281 cents per kWh to 12.944 cents per kWh.

The attached sheets set forth the energy cost adjustment in cents per kWh for each rate schedule that is applicable for pro rata use beginning April 1, 2015.

Sincerely,

/s/ Jay M. Ignacio

Attachments

cc: Division of Consumer Advocacy

¹ The Company is filing the revised tariff sheets for the SolarSaver Adjustment under separate cover in Docket No. 2006-0425.

HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST ADJUSTMENT FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>3-01-15</u>	<u>4-01-15</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,397.40	1,252.98	(144.420)
Dispersed Generation Energy, ¢/kWh	18.743	17.338	(1.405)
Purchased Energy, ¢/kWh	12.663	12.944	0.281
<u>Residential Schedule "R"</u>			
Energy Cost Adjustment - ¢/kWh	(0.519)	(0.990)	(0.471)
<u>Others - "G,J,P,F"</u>			
Energy Cost Adjustment - ¢/kWh	(0.519)	(0.990)	(0.471)
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$174.32	\$170.37	(3.95)
600 KWH Consumption - \$/Bill	\$208.85	\$204.10	(4.75)

HAWAII ELECTRIC LIGHT COMPANY, INC.
ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - April 1, 2015 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	April 1, 2015
2	Supercedes Factors of	March 1, 2015

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT					
FUEL PRICES, ¢/mmbtu					
3					
4	Hill Industrial		968.28		
5	Puna Industrial		990.51		
6	Keahole Diesel		1,461.03		
6a	Keahole ULSD		1,837.06		
7	Waimea ULSD Diesel		1,853.76		
8	Hilo Diesel		1,453.53		
8a	Hilo (Kanoelehua) ULSD Diesel ¹		1,824.97		
9	Puna Diesel		1,461.41		
10	Wind		0.00		
11	Hydro		0.00		
BTU MIX, %					
12					
13	Hill Industrial		25.132		
14	Puna Industrial		0.000		
15	Keahole Diesel		54.115		
15a	Keahole ULSD		1.480		
16	Waimea ULSD Diesel		1.824		
17	Hilo Diesel		0.106		
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.211		
18	Puna Diesel		10.442		
19	Wind		0.000		
20	Hydro		6.690		
			100.000		
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmb		1,252.98		
22	% Input to System kWh Mix		39.708		
EFFICIENCY FACTOR, mmbtu/kWh					
	(A)	(B)	(C)	(D)	
			Percent of		
		Eff Factor	Centrl Stn +	Weighted	
	<u>Fuel Type</u>	<u>mmbtu/kwh</u>	<u>Wind/Hydro</u>	<u>Eff Factor</u>	
23	Industrial	0.015148	21.354	0.003235	
24	Diesel	0.010424	71.956	0.007501	
25	Other	0.012621	6.690	0.000844	
	(Lines 23, 24, 25): Col(B) x Col(C) = Col(D)				
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0115800	
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))				5.76144
28	BASE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/mmbtu				1,224.44
29	Base % Input to Sys kWh Mix				46.06
30	Efficiency Factor, mmbtu/kwh				0.012621
31	WEIGHTED BASE CENTRAL STATION + WIND/HYDRO GENERATION COST ¢/kWh (Lines (28 x 29 x 30))				7.11795
32	COST LESS BASE (Line 27 - 31)				(1.35651)
33	Revenue Tax Req Multiplier				1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))				(1.48877)
				DG ENERGY COMPONENT	
35	COMPOSITE COST OF DG ENERGY, ¢/kWh				17.338
36	% Input to System kWh Mix				0.563
37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)				0.09761
38	BASE DG ENERGY COMPOSITE COS				15.702
39	Base % Input to System kWh Mix				0.06
40	WEIGHTED BASE DG ENERGY COST, ¢/kWh (Line 38 x 39)				0.00942
41	Cost Less Base (Line 37 - 40)				0.08819
42	Loss Factor				1.067
43	Revenue Tax Req Multiplier				1.0975
44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)				0.10327
				SUMMARY OF	
				TOTAL GENERATION FACTOR, ¢/kWh	
45	Cntrl Stn+Wind/Hydro (line 34)				(1.48877)
46	DG (line 44)				0.10327
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)				(1.38550)

¹ Hilo ULSD same location as Kanoelehua ULSD

HAWAII ELECTRIC LIGHT COMPANY, INC.
ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - April 1, 2015 (Page 2 of 2)

Line	PURCHASED ENERGY COMPONENT		
	PURCHASED ENERGY PRICE, ¢/kWh		
48	HEP		14.672
49	PGV	On Peak	11.536
50	PGV	Off Peak	10.453
51	PGV - Add'l 5 MW	On Peak	12.300
52	PGV - Add'l 5 MW	Off Peak	12.300
53	PGV - Add'l 8 MW	On Peak	9.380
54	PGV - Add'l 8 MW	Off Peak	6.250
55	Wailuku Hydro	On Peak	11.536
56	Wailuku Hydro	Off Peak	10.453
57	Hawi Renewable Dev.	On Peak	11.536
58	Hawi Renewable Dev.	Off Peak	10.453
59	Tawhiri (Pakini Nui)	On Peak	19.420
60	Tawhiri (Pakini Nui)	Off Peak	15.610
61			
62	Small Hydro (>100 KW)	On Peak	11.536
63	Small Hydro (>100 KW)	Off Peak	10.453
64	Sch Q Hydro (<100 KW)		10.770
65	FIT		18.900
	PURCHASED ENERGY KWH MIX, %		
66	HEP		24.281
67	PGV	On Peak	18.452
68	PGV	Off Peak	11.760
69	PGV - Addt'l	On Peak	3.690
70	PGV - Addt'l	Off Peak	2.652
71	PGV - Add'l 8 MW	On Peak	4.865
72	PGV - Add'l 8 MW	Off Peak	5.230
73	Wailuku Hydro	On Peak	3.343
74	Wailuku Hydro	Off Peak	2.239
75	Hawi Renewable Dev.	On Peak	3.824
76	Hawi Renewable Dev.	Off Peak	1.501
77	Tawhiri (Pakini Nui)	On Peak	10.439
78	Tawhiri (Pakini Nui)	Off Peak	6.980
79			
80	Small Hydro (>100 KW)	On Peak	0.000
81	Small Hydro (>100 KW)	Off Peak	0.000
82	Sch Q Hydro (<100 KW)		0.184
83	FIT		0.560
			100.000
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh		12.944
85	% Input to System kWh Mix		59.729
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))		7.73132
87	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh		13.354
88	Base % Input to Sys kWh Mix		53.88
89	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))		7.19514
90	COST LESS BASE (Lines (86 - 89))		0.53618
91	Loss Factor		1.067
92	Revenue Tax Req Multiplier		1.0975
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))		0.62788

Line	SYSTEM COMPOSITE	
94	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	(0.75762)
95	Not Used	0.000
96	Not Used	0.000
97	ECA Reconciliation Adjustment	(0.232)
98	ECA FACTOR, ¢/kWh (Lines (94 + 95+ 96 + 97))	(0.990)

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR April 1, 2015

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	61.0016	61.0016
Land Transportation Cost - \$/BBL	--	1.4003
Industrial Costs For Filing - \$/BBL	61.0016	62.4018
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	968.28	990.51

DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	84.0308	84.0308	84.0308
Land Transportation Cost - \$/BBL	1.5853	1.6080	1.1463
Diesel Costs For Filing - \$/BBL	85.6161	85.6388	85.1771
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	1,461.03	1,461.41	1,453.53

ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	103.5856	103.5856	103.5856	103.5856
Land Transportation Cost - \$/BBL	1.6778	2.6350	0.9851	-
ULSD Costs For Filing - \$/BBL	105.2634	106.2206	104.5706	103.5856
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	1,837.06	1,853.76	1,824.97	1,807.78

Dispersed Generation, cents per kWh

DIESEL FUEL COSTS:

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	865.3578
\$/BBI Inv Cost:	103.5856
Fuel \$ (Prod Sim Consumption x Unit Cost)	89,638.58
Net kWh (from Prod Sim)	517,000
cents/kWh:	17.338

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 02/28/2015	3,761	0.00	43,441	3,581,124.98			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	(11,573)	(754,283.50)			
Actual	0	0.00	22,520	1,417,892.90			
Consumed: Estimate	0	0.00	10,615	818,397.77			
Actual	0	0.00	(29,747)	(2,360,788.56)			
Balance Per G/L 02/28/2015	3,761	0.00	35,256	2,702,343.59			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	16,785	1,176,608.16			
Consumed	0	0.00	(34,510)	(2,644,725.62)	106.5901	0.0000	106.5901
Balance @ 03/31/2015	3,761	0.00	17,531	1,234,226.13			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	1,787	95,992.73			
Fuel Balance @ 03/31/2015	<u>3,761</u>	<u>0.00</u>	<u>19,318</u>	<u>1,330,218.85</u>			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxxx	(1,330,218.85)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxxx	1,178,428.00			
Total @ 9/30/2013 Avg Price	<u>3,761</u>	<u>0.00</u>	<u>19,318</u>	<u>1,178,428.00</u>			

Weighted Avg Cost/BBL by Location 0.0000 68.8590

Weighted Avg Cost/BBL @ Avg Cost 0.0000 61.0016

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 02/28/2015	4,628	534,875.85	7,849.16			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	(27)	0.00	(35.64)			
Actual	45	0.00	0.00			
Consumed: Estimate	0	0.00	0.00			
Actual	(582)	(223,373.57)	(964.13)			
Balance Per G/L 02/28/2015	4,064	311,502.28	6,849.39			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	2,914	121,062	3,846.48			
Consumed	(3,127)	(239,642.34)	(5,303.44)	76.6365	1.6960	78.3325
Balance @ 03/31/2015	3,851	192,922.00	5,392.43			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	3,851	192,922.00	5,392.43		1.4003	
Reverse Fuel Balance	xxxxxxxxxxxx	(192,922.00)	xxxxxxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	234,916.98	xxxxxxxxxxxxxxxxxxxx			
Total @ 03/31/2015 Avg Price	3,851	234,916.98	5,392.43			

Weighted Avg Cost/BBL by Location

50.0966

1.4003

Weighted Avg Cost/BBL @ Avg Cost

61.0016

1.4003

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

KEAHOLE CT

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 02/28/2015	36,712.8	1,541,939.0	3,639,322.5	84,766.6			
Less: Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate	0.0	0.0	0.0	0.0			
Actual	0.0	0.0	0.0	0.0			
Transfers out: Estimate		xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfers in: Estimate	(34,929.6)	(1,467,043.0)	(3,085,062.2)	(80,687.4)			
Actual	38,661.2	1,623,770.0	3,347,857.1	110,023.64			
Consumed: Estimate	36,229.6	1,521,645.0	3,877,097.3	86,588.85			
Actual	(35,157.9)	(1,476,632.0)	(3,920,152.6)	(137,361.8)	111.5013		
Balance Per G/L 02/28/2015	41,516.2	1,743,679	3,859,062.19	63,329.93	92.9532		
Purchases	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer in	31,360.3	1,317,133.0	2,779,200.9	90,954.3	88.6216		
Consumed	(53,555.7)	(2,249,340.0)	(5,003,851.9)	(123,655.34)	93.4326	2.3089	95.7416
Balance @ 03/31/2015	19,320.8	811,472	1,634,411.10	30,628.89	84.5935		
Inventory From Offsite/Transfers	0.0	0.0	0.0	0.00			
Est'd Inventory Addition	0.0	0	0.0	0.00			
Fuel Balance @ Avg Price	19,320.8	811,472	1,634,411.10	30,628.89	84.5935		
Reverse Fuel Balance	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	(1,634,411.1)	xxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	1,623,539.0	xxxxxxxxxxxxxx			
Total @ 03/31/2015 Avg Price	19,320.8	811,472	1,623,538.97	30,628.89	84.0308		

Weighted Avg Cost/BBL by Location 84.5935 1.5853

Weighted Avg Cost/BBL @ Avg Cost 84.0308 1.5853

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 02/28/2015	10,136.3	425,725.0	856,728.0	11,063.3			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfers in: Estimate	(8,149.0)	(342,259.0)	(655,146.0)	(9,216.5)			
Actual	2,573.2	108,074.0	213,401.9	2,990.1			
Consumed: Estimate	1,220.5	51,261.0	130,611.2	1,175.9			
Actual	(1,393.5)	(58,526.0)	(137,762.8)	309.5			
Balance Per G/L 02/28/2015	4,387.5	184,275	407,832.33	6,322.14			
Purchases		XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfer in	11,163.8	468,880.0	947,441.5	12,626.3	84.8672		
Consumed	(11,727.9)	(492,571)	#####	(12,800.38)	93.4326	1.0914	94.5241
Balance @ 03/31/2015	3,823.4	160,584	259,506.89	6,148.03	67.8728		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 03/31/2015	3,823.4	160,584	259,506.89	6,148.03	67.8728		
Reverse Fuel Balance		XXXXXXXXXXXXXX	(259,506.89)	XXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXX	321,285.74	XXXXXXXXXXXXXX			
Total @ 03/31/2015 Avg Price	3,823.4	160,584	321,285.74	6,148.03	84.0308		

Weighted Avg Cost/BBL by Location 67.8728 1.6080

Weighted Avg Cost/BBL @ Avg Cost 84.0308 1.6080

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 02/28/2015	2045.5	85,911	251,351	1,429			
Less: Est'd Inven Addition	0.0	0	0	0			
Purchases: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers in: Estimate	0.0	0.0	0.0	0.0			
Actual	0.0	0.0	0.0	0.0			
Consumed: Estimate	30.9	1296.0	3302.2	21.2			
Actual	-198.6	-8342.0	-80111.3	690.2			
Balance Per G/L 02/28/2015	1877.7	78,865	174,541.84	2,140.24	92.9532		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	-5.4	-228.0	0.0	-5.4	0.0000		
Consumed	-25.5	-1073.0	-2387.0	-17.8	93.4326	0.6986	94.1312
Balance @ 03/31/2015	1,846.8	77,564	172,154.86	2,116.97	93.2198		
Inven From Offsite/Transfers	0.0	0.0	0.0	0.0			
Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Fuel Balance @ Avg Price	1,846.8	77,564	172,154.86	2,116.97	93.2198		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -172,154.86	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 155,184.87	XXXXXXXXXXXX			
Total @ 03/31/2015 Avg Price	1,846.8	77,564	155,184.87	2,116.97	84.0308		

Weighted Avg Cost/BBL by Location

93.2198 1.1463

Weighted Avg Cost/BBL @ Avg Cost

84.0308 1.1463

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

KEAHOLE DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 02/28/2015	1,818.1	76,360	197,920.10	4,529.39			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(378.7)	(15,907)	(29,547.25)	(1,098.46)			
Actual	566.5	23,791	44,191.77	0.00			
Transfers out: Estimate		xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfers in: Estimate		(45)	0.00	(2.48)			
Actual		184	0.00	1,642.88			
Consumed: Estimate	443.2	18,616	50,110.12	1,059.34			
Actual	(424.5)	(17,831)	(38,809.90)	(3,037.40)	91.4147		
Balance Per G/L 02/28/2015	2,027.8	85,168	223,864.84	3,093.28	110.3974		
Purchases	377.8	15,869	31,295.27	1,095.83	0.0000		
Estimated Purchases	190.0	7,980	15,737.37	551.06			
Transfer in	0.5	19	0.00	1.05	0.00		
Consumed	(473.8)	(19,899)	(52,616.54)	(1,180.33)	111.0556	2.4913	113.5468
Balance @ 03/31/2015	2,122.3	89,137	218,280.94	3,560.87	102.8507		
Inventory From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ Avg Price	2,122.3	89,137	218,280.94	3,560.87	102.8507		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxx	(218,280.94)	xxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	xxxxxxxxxxx	219,840.64	xxxxxxxxxxx			
Total @ 03/31/2015 Avg Price	2,122.3	89,137	219,840.64	3,560.87	103.5856		

Weighted Avg Cost/BBL by Location

102.8507 1.6778

Weighted Avg Cost/BBL @ Avg Cost

103.5856 1.6778

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 02/28/2015	1,664.2	69,898.0	169,246.2	3,905.61			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(23,836)	(44,275.35)	(1,371.25)			
Actual		15,856.0	29,452.5	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(3.2)	(133)	0.00	0.00			
Actual	0.8	35	0.00	912.17			
Consumed: Estimate	356.2	14,961	40,271.67	697.73			
Actual	(439.1)	(18,441)	(43,363.93)	(478.63)			
Balance Per G/L 02/28/2015	1,389.0	58,340	151,331.14	3,665.63	108.9460		
ULSD Purchases	189.0	7,936	15,650.59	456.55	82.8282		
Estimated Purchases	190.0	7,980	15,737.36	459.08			
Transfer in	xxxxxxxxxxxx	(60)	0.00	0.00	#DIV/0!		
Consumed	(255.7)	(10,738)	(28,393.20)	(599.99)	111.0556	2.3468	113.4023
Balance @ 03/31/2015	1,510.9	63,458	154,325.89	3,981.26	102.1414		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ Avg Price	1,510.9	63,458	154,325.89	3,981.26	102.1414		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(154,325.89)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	156,507.93	xxxxxxxxxxxx			
Total @ 03/31/2015 Avg Price	1,510.9	63,458	156,507.93	3,981.26	103.5856		

Weighted Avg Cost/BBL by Location

102.1414 2.6350

Weighted Avg Cost/BBL @ Avg Cost

103.5856 2.6350

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 02/28/2015	1,307.6	54,920.0	162,076.7	2,260.6		
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	(188.9)	(7,933)	(14,735.54)	(128.44)		
Actual	188.9	7,933	14,735.54	0.00		
Transfers out: Estimate			x	x	x	
Actual			x	x	x	
Transfers in: Estimate		0	0.00	0.00		
Actual		0	0.00	188.54		
Consumed: Estimate	179.5	7,541	20,298.69	298.36		
Actual	(201.6)	(8,466)	(40,449.06)	(1,153.71)		
Balance Per G/L 02/28/2015	1,285.6	53,995	141,926.34	1,465.33		
ULSD Purchases	189	7,955	15,688.06	189.06	82.82822376	
Estimated Purchases	0	-	-	-		
Transfer in	(1)	(39)	0.00	(0.93)		
Consumed	(236.9)	(9,951)	(26,312.24)	(434.79)	111.0555593	1.7288
Balance @ 03/31/2015	1,237.1	51,960	131,302.16	1,218.68		
Inventory From Offsite/Transfers	0.0	0	0.00	0.00		
Est'd Inventory Addition	0.0	0	0.00	0.00		
Fuel Balance @ Avg Price	1,237.1	51,960	131,302.16	1,218.68		
Reverse Fuel Balance	x	x	(131,302.16)	x		
Fuel Balance @ Avg Price	x	x	128,150.15	x		
Total @ 03/31/2015 Avg Price	1,237.1	51,960	128,150.15	1,218.68		

Weighted Avg Cost/BBL by Location 106.1334 0.9851

Weighted Avg Cost/BBL @ Avg Cost 103.5856 0.9851

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2015

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 02/28/2015	88.7	3,726	12,560.01	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	10.9	458	1,232.83	
Actual	(8.5)	(357)	(3,733.54)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 02/28/2015	91.12	3,827	10,059.30	110.3973
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(4.1)	(174)	(460.09)	111.0556
Balance @ 03/31/2015	87.0	3,653	9,599.21	110.3660
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 03/31/2015	87.0	3,653	9,599.21	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(9,599.21)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	9,009.48	xxxx
Total @ 03/31/2015 Avg Price	87.0	3,653	9,009.48	103.5856

HAWAII ELECTRIC LIGHT COMPANY, INC.
CONTRACT PRICES EFFECTIVE March 1, 2015

TYPE OF OIL BURNED

	<u>Hill Industrial</u>		<u>Puna Industrial</u>	
INDUSTRIAL *	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	51.43	3.2394	51.43	3.2394
Ocean Transportation	57.99	3.6532	57.99	3.6532
Storage	17.20	1.0833	17.20	1.0833
Wharfage	3.65	0.2300	3.65	0.2300
	 <u>Hilo Diesel</u>		 <u>Waimea Diesel</u>	
DIESEL *	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	86.71	5.2697	89.93	5.2697
Ocean Transportation	62.34	3.6532	62.34	3.6532
Storage	18.49	1.0833	18.49	1.0833
Wharfage	3.92	0.2300	3.92	0.2300
	 <u>Kona Diesel</u>		 <u>CT3 Diesel</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	86.71	5.2697	86.71	5.2697
Ocean Transportation	62.34	3.6532	62.34	3.6532
Storage	18.49	1.0833	18.49	1.0833
Wharfage	3.92	0.2300	3.92	0.2300
	 <u>ULSD</u>			
ULSD **	<u>¢/MBTU</u>	<u>\$/BBL</u>		
Tax ¹	33.71	1.9320		
Ocean Transportation	0.00	0.0000		
Storage	0.00	0.0000		
Wharfage	0.00	0.0000		

¹ Tax includes HGET, Hawaii Use Tax, Liquid Fuel Tax, LUST Tax and Environmental Response Tax.

Note: Since the components above are not accounted for separately in inventory, contract prices for the current month are being provided. Contract prices are considered accurate pending actual delivery of fuel.

* Land Transportation Costs are shown in Attachment 3, Sheet 1.

** ULSD includes Waimea, Kanoelehua, and Keahole.

Reference: Decision and Order No. 16134, Docket No. 96-0040.

Hawaii Electric Light Company, Inc.
PURCHASED POWER PRICES FOR April 1, 2015

		<u>April 1, 2015</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	11.536	6.560
PGV (22 MW)	- off peak	10.453	5.430
WAILUKU HYDRO	- on peak	11.536	7.240
	.	10.453	5.970
Other: (<100 KW)	Sch Q Rate	10.77	
		<u>April 1, 2015</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		14.672	
PGV Addtl 5 MW	- on peak	12.3000	0.0000
	- off peak	12.3000	0.0000
PGV Addtl 8 MW	- on peak	9.3800	0.0000
	- off peak	6.2500	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
April 1, 2015

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be returned or collected	(\$534,600)
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	(\$178,200)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$195,577)
5	Estimated MWh Sales (April 1, 2015)	84,208 mwh
6	Adjustment (Line 4 / Line 5)	(0.232) ¢/kwh

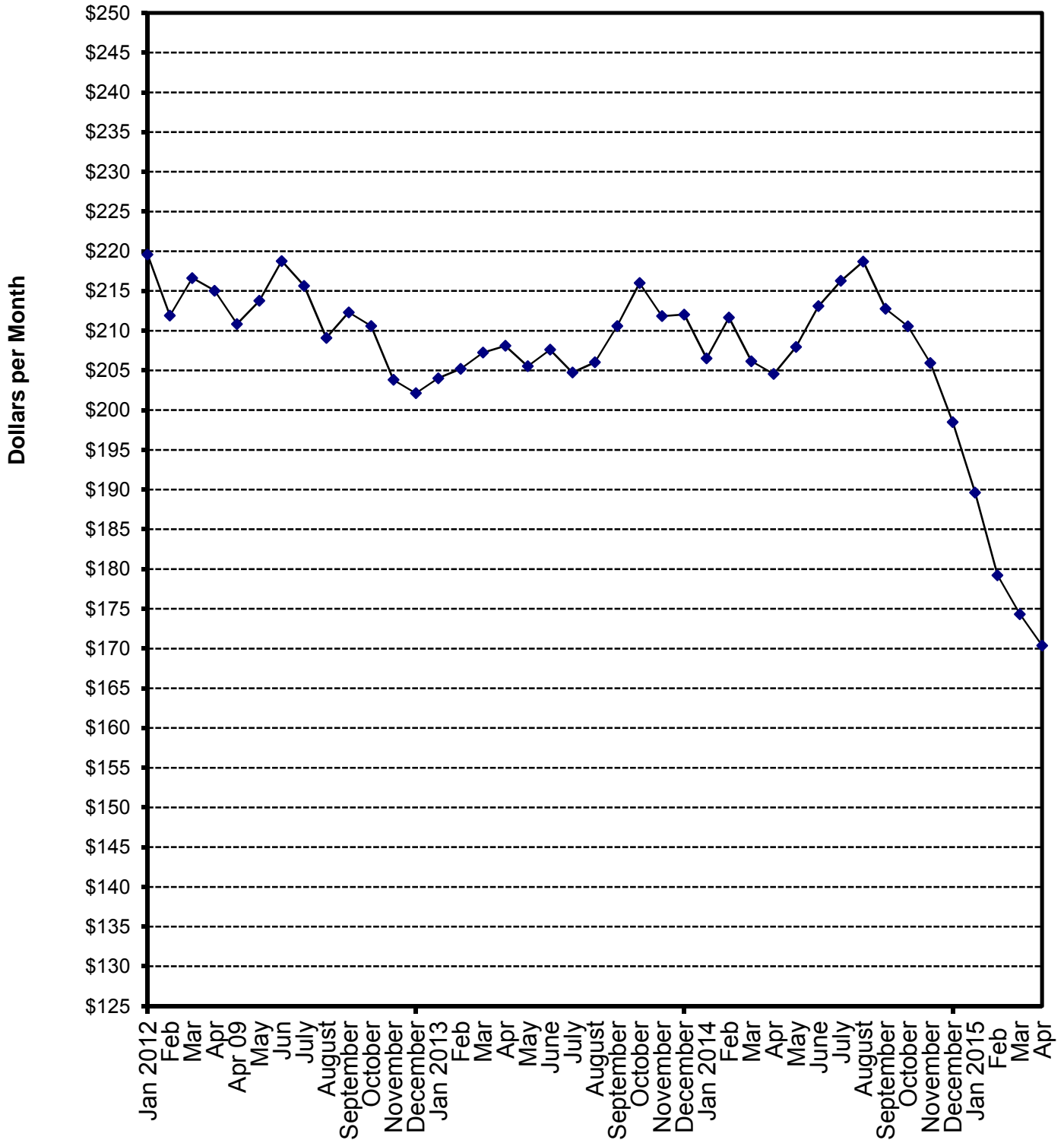
HAWAII ELECTRIC LIGHT COMPANY, INC.
2015 Cumulative Reconciliation Balance

Month	(1) YTD FOA Reconciliation	Qtr	(2) FOA Rec Adjust Variance	(3) FOA Rec Less Variance	(4) Try to Collect	(5) Actual Collect	(6) Month-end Cumulative Balance
November	(373,000)	[3]	8,070	(381,070)	124,333	125,960	(208,168)
December 14					124,333	124,559	(83,609)
January 15					124,333	117,173	33,564
February	534,600	[4]	5,320	529,280	(178,200)	(180,037)	382,807
March					(178,200)		
April					(178,200)		
May							
June							
July							
August							
September							
October							
November							
December							

NOTES:

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 6)
A positive number is an over-collection. A negative number is an under-collection.
- Col(2): FOA reconciliation adjustment variance accumulated during the last three months, starting with the fourth prior month; the difference between the estimated recorded sales used to derive the \$/kwh adjustment and the actual recorded sales.
(Col(5)-Col(4))
- Col(3): FOA reconciliation generated in the current quarter. The YTD FOA reconciliation difference minus the adjustment variance. Col(1)-Col(2)
- Col(4): Amount that the FOA reconciliation adjustment is trying to collect. (Col(1) * 1/3)
- Col(5): Actual collected amount. (recorded sales * \$/kwh adjustment/1.09751)
- Col(6): Cumulative balance of the FOA reconciliation (Previous balance + Col(3) + Col(5))

Hawaii Electric Light Company, Inc. Residential Bill at 500 KWH/Month Consumption



**HAWAII ELECTRIC LIGHT COMPANY, INC.
FUEL OIL ADJUSTMENT FACTOR DATA**

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR</u> <u>CENTS / KWH</u>		
	<u>RESIDENTIAL & COMMERCIAL</u>	<u>@ 500 KWH</u>	<u>RESIDENTIAL BILL (\$)</u> <u>@ 600 KWH</u>
January 1, 2012	9.690	214.24	256.34
January 3, 2012	10.759	219.59	262.75
February 1, 2012	9.220	211.89	253.52
March 1, 2012	10.165	216.62	259.19
April 1, 2012	10.031	215.03	257.28
April 9, 2012	8.553	210.84	252.91
May 1, 2012	8.749	213.77	256.42
June 1, 2012	9.747	218.76	262.41
July 1, 2012	9.320	215.64	258.68
August 1, 2012	7.991	209.09	250.82
September 1, 2012	8.636	212.31	254.69
October 1, 2012	8.294	210.60	252.63
November 1, 2012	6.967	203.82	244.49
December 1, 2012	6.629	202.13	242.46
January 1, 2013	6.897	204.02	244.72
February 1, 2013	7.250	205.19	246.14
March 1, 2013	7.659	207.24	248.59
April 1, 2013	8.128	208.10	249.63
May 1, 2013	7.378	205.53	246.54
June 1, 2013	7.159	207.61	249.02
July 1, 2013	6.537	204.73	245.57
August 1, 2013	6.470	206.02	247.13
September 1, 2013	7.377	210.60	252.62
October 1, 2013	8.458	216.00	259.11
November 1, 2013	7.878	211.84	254.11
December 1, 2013	7.910	212.03	254.35
January 1, 2014	6.796	206.51	247.73
February 1, 2014	7.754	211.65	253.89
March 1, 2014	6.650	206.15	247.28
April 1, 2014	6.679	204.55	245.36
May 1, 2014	7.005	207.96	249.46
June 1, 2014	7.247	213.09	255.62
July 1, 2014	7.697	216.27	259.42
August 1, 2014	8.086	218.71	262.36
September 1, 2014	6.885	212.75	255.20
October 1, 2014	6.447	210.55	252.56
November 1, 2014	5.634	205.93	247.03
December 1, 2014	4.143	198.49	237.84
January 1, 2015	2.369	189.62	227.20
February 1, 2015	0.485	179.22	214.71
March 1, 2015	-0.519	174.32	208.85
April 1, 2015	-0.990	170.37	204.10

**HAWAII ELECTRIC LIGHT COMPANY, INC.
RESIDENTIAL SURCHARGE DATA**

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
01/01/12 - 12/31/12	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.6766 CENTS/KWH
01/01/12 - 04/08/12	INTERIM RATE INCREASE 2010 TEST YEAR	1.74 PERCENT ON BASE
04/01/12 - 04/08/12	FIRM CAPACITY SURCHARGE	0.6427 PERCENT ON BASE
04/01/12 - 04/30/12	SOLARSAVER ADJUSTMENT	-0.3899 CENTS/KWH
04/09/12	FINAL RATE INCREASE (1.28%), DOCKET NO. 2009-0164 (2010 TEST YEAR)	
04/09/12 - 7/31/2012	PURCHASED POWER ADJUSTMENT CLAUSE	2.4355 CENTS/KWH
05/01/12	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/18/12 - 5/31/2013	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	-0.1952 CENTS/KWH
8/1/2012 - 10/31/2012	PURCHASED POWER ADJUSTMENT CLAUSE	2.4540 CENTS/KWH
11/1/2012	PURCHASED POWER ADJUSTMENT CLAUSE	2.4237 CENTS/KWH
01/01/13	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7850 CENTS/KWH
02/01/13	PURCHASED POWER ADJUSTMENT CLAUSE	2.3063 CENTS/KWH
04/01/13 - 04/30/13	SOLARSAVER ADJUSTMENT	-0.2964 CENTS/KWH
05/01/13 - 03/31/14	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
05/01/13- 07/31/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.2452 CENTS/KWH
6/1/2013	RBA RATE ADJUSTMENT	0.4383 CENTS/KWH
7/1/2013	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.8312 CENTS/KWH
8/1/2013-8/31/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.5712 CENTS/KWH
9/1/2013-9/30/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.5832 CENTS/KWH
10/1/2013-10/31/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.5802 CENTS/KWH
11/1/2013-11/30/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.3272 CENTS/KWH
12/1/2013-12/31/2013	PURCHASED POWER ADJUSTMENT CLAUSE	2.3347 CENTS/KWH
1/1/2014-1/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.3444 CENTS/KWH
2/1/2014-2/28/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4149 CENTS/KWH
3/1/2014-3/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4170 CENTS/KWH
4/1/2014-4/30/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4162 CENTS/KWH
4/1/2014-4/30/2014	SOLARSAVER ADJUSTMENT	-0.3486 CENTS/KWH
5/1/2014-5/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4248 CENTS/KWH
5/1/2014-5/31/2014	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2014-6/30/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4244 CENTS/KWH
6/1/2014	RBA RATE ADJUSTMENT	1.2225 CENTS/KWH
7/1/2014-7/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4252 CENTS/KWH
7/1/2014	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	1.0157 CENTS/KWH
8/1/2014-8/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.5250 CENTS/KWH
9/1/2014-9/30/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.5341 CENTS/KWH
10/1/2014-10/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.5314 CENTS/KWH
11/1/2014-11/30/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4226 CENTS/KWH
12/1/2014-12/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4235 CENTS/KWH
12/1/2014	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7583 CENTS/KWH
12/1/2014	GREEN INFRASTRUCTURE FEE	1.2900 DOLLARS/MONTH
1/1/2015-1/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.4245 CENTS/KWH
2/1/2015-2/28/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.2273 CENTS/KWH
3/1/2015-3/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.2539 CENTS/KWH
4/1/2015-4/30/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.2424 CENTS/KWH
4/1/2015-4/30/2015	SOLARSAVER ADJUSTMENT	-0.3084 CENTS/KWH

* Surcharges currently in effect are in **BOLD**

**Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount, and minimum charge.

**Hawaii Electric Light Company, Inc.
Calculations of the Average Residential Customer Bill**

	Rate		Charge (\$) at 500 Kwh		
	3-01-15	4-01-15	3-01-15	4-01-15	Difference
Base Rates					
effective date:	4/9/2012	4/9/2012			
Base Fuel Energy Charge	¢/kwh 16.2487	16.2487	\$81.24	\$81.24	\$0.00
Non-fuel Fuel Energy Charge	¢/kwh		\$62.72	\$62.72	\$0.00
First 300 kWh per month	¢/kwh 11.2019	11.2019	\$33.61	\$33.61	
Next 700 kWh per month	¢/kwh 14.5537	14.5537	\$29.11	\$29.11	
Customer Charge	\$ 10.50	10.50	\$10.50	\$10.50	\$0.00
Total Base Charges			\$154.46	\$154.46	\$0.00
RBA Rate Adjustment	¢/kwh 1.2225	1.2225	\$6.11	\$6.11	\$0.00
Purchased Power Adj. Clause	¢/kwh 2.2539	2.2424	\$11.27	\$11.21	-\$0.06
PBF Surcharge	¢/kwh 0.7583	0.7583	\$3.79	\$3.79	\$0.00
DSM Adjustment	¢/kwh 0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh 0.0000	(0.3084)	\$0.00	-\$1.54	-\$1.54
Energy Cost Adjustment	¢/kwh (0.5190)	(0.9900)	-\$2.60	-\$4.95	-\$2.35
Green Infrastructure Fee	\$ 1.2900	1.2900	\$1.29	\$1.29	\$0.00
Avg Residential Bill at 500 kwh			\$174.32	\$170.37	
			Increase (Decrease -)		-\$3.95
			% Change		-2.27%

	Rate		Charge (\$) at 600 Kwh		
	3-01-15	4-01-15	3-01-15	4-01-15	Difference
Base Rates					
effective date:	4/9/2012	4/9/2012			
Base Fuel/Energy Charge	¢/kwh 16.2487	16.2487	\$97.49	\$97.49	\$0.00
Non-fuel Fuel Energy Charge	¢/kwh		\$77.27	\$77.27	\$0.00
First 300 kWh per month	¢/kwh 11.2019	11.2019	\$33.61	\$33.61	
Next 700 kWh per month	¢/kwh 14.5537	14.5537	\$43.66	\$43.66	
Customer Charge	\$ 10.50	10.50	\$10.50	\$10.50	\$0.00
Total Base Charges			\$185.26	\$185.26	\$0.00
RBA Rate Adjustment	¢/kwh 1.2225	1.2225	\$7.34	\$7.34	\$0.00
Purchased Power Adj. Clause	¢/kwh 2.2539	2.2424	\$13.52	\$13.45	-\$0.07
PBF Surcharge	¢/kwh 0.7583	0.7583	\$4.55	\$4.55	\$0.00
DSM Adjustment	¢/kwh 0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh 0.0000	(0.3084)	\$0.00	-\$1.85	-\$1.85
Energy Cost Adjustment	¢/kwh (0.5190)	(0.9900)	-\$3.11	-\$5.94	-\$2.83
Green Infrastructure Fee	\$ 1.2900	1.2900	\$1.29	\$1.29	\$0.00
Avg Residential Bill at 600 kwh			\$208.85	\$204.10	
			Increase (Decrease -)		-\$4.75
			% Change		-2.27%