

State of Hawaii



Public Utilities Commission

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Form:	Hawaii PUC eFile Non-Docketed
Entity:	Hawaii Electric Light Company, Inc.
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JAY IGNACIO, P. E.
President

December 29, 2014

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 January 2015

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") energy cost adjustment factor for January 2015 is 2.369 cents per kilowatt-hour ("kWh"), a decrease of 1.774 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$189.62, a decrease of \$8.87 compared to the rates effective December 1, 2014.

Hawai'i Electric Light's fuel composite cost of generation increased 9.380 cents per million BTU to 1,710.94 cents per million BTU. The composite cost of distributed generation increased 0.382 cents per kWh to 22.364 cents per kWh. The composite cost of purchased energy decreased 1.351 cents per kWh to 14.128 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 January 1, 2015.

Sincerely,

/s/ Jay M. Ignacio

Attachments

cc: Division of Consumer Advocacy

HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST ADJUSTMENT FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>12-01-14</u>	<u>1-01-15</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,701.56	1,710.94	9.380
Dispersed Generation Energy, ¢/kWh	21.982	22.364	0.382
Purchased Energy, ¢/kWh	15.479	14.128	(1.351)
<u>Residential Schedule "R"</u>			
Energy Cost Adjustment - ¢/kWh	4.143	2.369	(1.774)
<u>Others - "G,J,P,F"</u>			
Energy Cost Adjustment - ¢/kWh	4.143	2.369	(1.774)
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$198.49	\$189.62	(8.87)
600 KWH Consumption - \$/Bill	\$237.84	\$227.20	(10.64)

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

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

<u>Line</u>		
1	Effective Date	January 1, 2015
2	Supercedes Factors of	December 1, 2014

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT						
FUEL PRICES, ¢/mmbtu						
3	Shipman Industrial		1,401.32			
4	Hill Industrial		1,401.32			
5	Puna Industrial		1,427.61			
6	Keahole Diesel		1,952.94			
6a	Keahole ULSD		2,326.74			
7	Waimea ULSD Diesel		2,323.19			
8	Hilo Diesel		1,927.50			
8a	Hilo (Kanoelehua) ULSD Diesel ¹		2,319.11			
9	Puna Diesel		1,930.71			
10	Wind		0.00			
11	Hydro		0.00			
BTU MIX, %						
12	Shipman Industrial		0.000			
13	Hill Industrial		27.062			
14	Puna Industrial		0.000			
15	Keahole Diesel		60.749			
15a	Keahole ULSD		0.558			
16	Waimea ULSD Diesel		0.335			
17	Hilo Diesel		0.056			
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.195			
18	Puna Diesel		6.161			
19	Wind		0.000			
20	Hydro		4.884			
			100.000			
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmb		1,710.94			
22	% Input to System kWh Mix		36.837			
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	21.974	0.003329		
24	Diesel	0.010424	73.142	0.007624		
25	Other	0.012621	4.884	0.000616		
	(Lines 23, 24, 25): Col(B) x Col(C) = Col(D)					
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0115690		
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			7.29147		
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)			0.17352		
33	Revenue Tax Req Multiplier			1.0975		
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			0.19044		
				DG ENERGY COMPONENT		
				35	COMPOSITE COST OF DG ENERGY, ¢/kWh	22.364
				36	% Input to System kWh Mix	0.154
				37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.03444
				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)	0.02502
				42	Loss Factor	1.067
				43	Revenue Tax Req Multiplier	1.0975
				44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.02930
				SUMMARY OF		
				TOTAL GENERATION FACTOR, ¢/kWh		
				45	Cntrl Stn+Wind/Hydro (line 34)	0.19044
				46	DG (line 44)	0.02930
				47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	0.21974

¹ Hilo ULSD same location as Kanoelehua ULSD

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

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

Line	PURCHASED ENERGY COMPONENT		
	PURCHASED ENERGY PRICE, ¢/kWh		
48	HEP		15.340
49	PGV	On Peak	13.562
50	PGV	Off Peak	12.572
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	13.562
56	Wailuku Hydro	Off Peak	12.572
57	Hawi Renewable Dev.	On Peak	13.562
58	Hawi Renewable Dev.	Off Peak	12.572
59	Tawhiri (Pakini Nui)	On Peak	19.790
60	Tawhiri (Pakini Nui)	Off Peak	15.900
61	Keahole Solar		
62	Small Hydro (>100 KW)	On Peak	13.562
63	Small Hydro (>100 KW)	Off Peak	12.572
64	Sch Q Hydro (<100 KW)		12.810
65	FIT		18.900
	PURCHASED ENERGY KWH MIX, %		
66	HEP		39.570
67	PGV	On Peak	16.835
68	PGV	Off Peak	10.783
69	PGV - Addt'l	On Peak	3.365
70	PGV - Addt'l	Off Peak	2.452
71	PGV - Add'l 8 MW	On Peak	4.531
72	PGV - Add'l 8 MW	Off Peak	4.727
73	Wailuku Hydro	On Peak	1.071
74	Wailuku Hydro	Off Peak	0.778
75	Hawi Renewable Dev.	On Peak	2.140
76	Hawi Renewable Dev.	Off Peak	1.200
77	Tawhiri (Pakini Nui)	On Peak	7.542
78	Tawhiri (Pakini Nui)	Off Peak	4.443
79	Keahole Solar*		
80	Small Hydro (>100 KW)	On Peak	0.000
81	Small Hydro (>100 KW)	Off Peak	0.000
82	Sch Q Hydro (<100 KW)		0.108
83	FIT		0.455
			100.000
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh		14.128
85	% Input to System kWh Mix		63.009
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))		8.90191
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))		1.70677
91	Loss Factor		1.067
92	Revenue Tax Req Multiplier		1.0975
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))		1.99868

Line	SYSTEM COMPOSITE	
94	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	2.21842
95	Not Used	0.000
96	Not Used	0.000
97	ECA Reconciliation Adjustment	0.151
98	ECA FACTOR, ¢/kWh (Lines (94 + 95+ 96 + 97))	2.369

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

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	88.2832	88.2832
Land Transportation Cost - \$/BBL	--	1.6563
Industrial Costs For Filing - \$/BBL	88.2832	89.9396
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	<u>1,401.32</u>	<u>1,427.61</u>

DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	112.1940	112.1940	112.1940
Land Transportation Cost - \$/BBL	2.2485	0.9458	0.7577
Diesel Costs For Filing - \$/BBL	114.4425	113.1398	112.9516
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	<u>1,952.94</u>	<u>1,930.71</u>	<u>1,927.50</u>

ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	131.0085	131.0085	131.0085	131.0085
Land Transportation Cost - \$/BBL	2.3136	2.1105	1.8763	-
ULSD Costs For Filing - \$/BBL	133.3221	133.1190	132.8848	131.0085
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	<u>2,326.74</u>	<u>2,323.19</u>	<u>2,319.11</u>	<u>2,286.36</u>

Dispersed Generation, cents per kWh

DIESEL FUEL COSTS:

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	257.77
\$/BBI Inv Cost:	131.0085
Fuel \$ (Prod Sim Consumption x Unit Cost)	<u>33,769.55</u>
Net kWh (from Prod Sim)	<u>151,000</u>
cents/kWh:	<u>22.364</u>

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 11/30/2014	3,761	408,547.12	38,594	3,236,783.10			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	(26,982)	(2,526,076.13)			
Actual	0	0.00	25,016	2,352,151.49			
Consumed: Estimate	0	0.00	31,636	3,088,803.01			
Actual	0	0.00	(31,218)	(2,633,870.14)			
Balance Per G/L 11/30/2014	<u>3,761</u>	<u>408,547.12</u>	<u>37,046</u>	<u>3,517,791.33</u>			
Purchases	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	0	0.00	26,376	2,376,032.92			
Consumed	<u>0</u>	<u>0.00</u>	<u>(30,879)</u>	<u>(2,935,845.63)</u>	106.5901	0.0000	106.5901
Balance @ 12/31/2014	3,761	408,547.12	32,543	2,957,978.62			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 12/31/14	<u>3,761</u>	<u>408,547.12</u>	<u>32,543</u>	<u>2,957,978.62</u>			
Reverse Fuel Balance	xxxxxx	(408,547.12)	xxxxxx	(2,957,978.62)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	2,873,001.13			
Total @ 9/30/2013 Avg Price	<u>3,761</u>	<u>0.00</u>	<u>32,543</u>	<u>2,873,001.13</u>			

Weighted Avg Cost/BBL by Location 108.6273 90.8945

Weighted Avg Cost/BBL @ Avg Cost 0.0000 88.2832

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 11/30/2014	9,550	1,003,314.24	15,807.40			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers out: Estimate	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers in: Estimate	(54)	0.00	(71.28)			
Actual	86	0.00	0.00			
Consumed: Estimate	0	0.00	0.00			
Actual	0	(93,432.57)	135.01			
Balance Per G/L 11/30/2014	9,582	909,881.67	15,871.13			
Purchases	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	0	0	0.00			
Consumed	0	0.00	0.00	95.0758	1.6552	96.7310
Balance @ 12/31/2014	9,582	909,881.67	15,871.13			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	9,582	909,881.67	15,871.13		1.6563	
Reverse Fuel Balance	XXXXXXXXXXXX	(909,881.67)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	845,929.90	XXXXXXXXXXXX			
Total @ 12/31/2014 Avg Price	9,582	845,929.90	15,871.13			

Weighted Avg Cost/BBL by Location

94.9574

1.6563

Weighted Avg Cost/BBL @ Avg Cost

88.2832

1.6563

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

KEAHOLE CT

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2014	31,015.8	1,302,662.0	3,555,218.5	69,381.7			
Less: Est'd Inventory Addition	(1,006.1)	(42,256.0)	(125,017.4)	(2,324.1)			
Purchases: Estimate	0.0	0.0	0.0	0.0			
Actual	0.0	0.0	0.0	0.0			
Transfers out: Estimate		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers in: Estimate	(42,051.0)	(1,766,143.0)	(5,157,110.0)	(97,137.9)			
Actual	43,359.4	1,821,096.0	5,294,530.4	97,654.76			
Consumed: Estimate	38,603.9	1,621,362.0	5,041,922.4	86,422.45			
Actual	(31,802.0)	(1,335,683.0)	(3,924,453.4)	(71,195.1)	123.4028		
Balance Per G/L 11/30/2014	38,120.0	1,601,038	4,685,090.35	82,801.84	122.9039		
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	40,913.2	1,718,355.0	4,869,659.5	94,509.5	119.0241		
Consumed	(34,424.6)	(1,445,833.0)	(4,201,397.9)	(77,007.82)	122.0464	2.2370	124.2834
Balance @ 12/31/2014	44,608.6	1,873,560	5,353,351.93	100,303.55	120.0072		
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	44,608.6	1,873,560	5,353,351.93	100,303.55	120.0072		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	(5,353,351.9)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	5,004,813.6	xxxxxxxxxxxxxxxx			
Total @ 12/31/2014 Avg Price	44,608.6	1,873,560	5,004,813.63	100,303.55	112.1940		

Weighted Avg Cost/BBL by Location 120.0072 2.2485

Weighted Avg Cost/BBL @ Avg Cost 112.1940 2.2485

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2014	6,018.1	252,762.0	861,916.9	5,717.0			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate		xxxxxxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers out: Estimate		xxxxxxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	2.9	123.0	0.0	2.7			
Actual	(2.9)	(123.0)	0.0	0.0			
Consumed: Estimate	384.4	16,145.0	50,205.8	365.0			
Actual	(384.4)	(16,145.0)	(172,469.6)	(365.0)			
Balance Per G/L 11/30/2014	6,018.1	252,762	739,653.15	5,719.70			
Purchases		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	1.2	51.0	0.0	1.1	0.0000		
Consumed	(643.6)	(27,030)	(78,545.58)	(611.39)	122.0464	0.9500	122.9964
Balance @ 12/31/2014	5,375.8	225,783	661,107.57	5,109.41	122.9788		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 12/31/14	6,067.0	254,813	721,925.02	5,738.40	118.9924		
Reverse Fuel Balance		xxxxxxxxxxxx	(721,925.02)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price		xxxxxxxxxxxx	680,679.34	xxxxxxxxxxxx			
Total @ 12/31/2014 Avg Price	6,067.0	254,813	680,679.34	5,738.40	112.1940		

Weighted Avg Cost/BBL by Location 118.9924 0.9458

Weighted Avg Cost/BBL @ Avg Cost 112.1940 0.9458

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2014	2265.8	95,164	328,640	1,717			
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	1.8	76.0	0.0	1.2			
Actual	-0.9	-38.0	0.0	0.0			
Consumed: Estimate	30.8	1295.0	4027.0	23.5			
Actual	-90.5	-3801.0	-61411.9	-69.0			
Balance Per G/L 11/30/2014	2207.0	92,696	271,254.74	1,672.38	122.9039		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	2.7	114.0	0.0	1.8	0.0000		
Consumed	-34.3	-1439.0	-4181.5	-26.0	122.0464	0.7576	122.8040
Balance @ 12/31/2014	2,175.5	91,371	267,073.20	1,648.27	122.7641		
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	2,175.5	91,371	267,073.20	1,648.27	122.7641		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -267,073.20	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 244,078.03	XXXXXXXXXXXX			
Total @ 12/31/2014 Avg Price	2,175.5	91,371	244,078.03	1,648.27	112.1940		

Weighted Avg Cost/BBL by Location

122.7641 0.7577

Weighted Avg Cost/BBL @ Avg Cost

112.1940 0.7577

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

KEAHOLE DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2014	2,013.2	84,556	235,616.23	4,675.46			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(190.0)	(7,980)	0.00	(438.90)			
Actual	0.0	0	0.00	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		(269)	0.00	(14.80)			
Actual		296	0.00	0.00			
Consumed: Estimate	506.6	21,276	67,107.59	1,184.62			
Actual	(388.3)	(16,308)	(46,843.59)	(908.01)	120.6421		
Balance Per G/L 11/30/2014	1,942.2	81,571	255,880.23	4,498.37	131.7499		
Purchases	188.5	7,919	21,340.13	435.55	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	3.3	138	0.00	7.59	0.00		
Consumed	(490.9)	(20,618)	(61,988.61)	(1,140.08)	126.2742	2.3224	128.5966
Balance @ 12/31/2014	1,643.1	69,010	215,231.75	3,801.43	130.9916		
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	1,643.1	69,010	215,231.75	3,801.43	130.9916		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(215,231.75)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	215,259.40	xxxxxxxxxxxx			
Total @ 12/31/2014 Avg Price	1,643.1	69,010	215,259.40	3,801.43	131.0085		

Weighted Avg Cost/BBL by Location

130.9916 2.3136

Weighted Avg Cost/BBL @ Avg Cost

131.0085 2.3136

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 11/30/2014	1,227.2	51,543.0	154,101.5	2,598.87			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(16,828)	(48,043.94)	(729.21)			
Actual		16,828.0	48,043.9	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(14.9)	(624)	0.00	0.00			
Actual	9.0	377	0.00	728.00			
Consumed: Estimate	656.8	27,584	87,003.94	1,381.50			
Actual	(558.4)	(23,454)	(67,239.54)	(1,102.73)			
Balance Per G/L 11/30/2014	1,319.7	55,426	173,865.93	2,876.43	131.7499		
ULSD Purchases	200.8	8,432	22,722.55	365.39	113.1816		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	xxxxxxxxxxxx	588	0.00	0.00	#DIV/0!		
Consumed	(476.0)	(19,990)	(60,100.51)	(1,007.92)	126.2742	2.1177	128.3919
Balance @ 12/31/2014	1,058.5	44,456	136,487.97	2,233.89	128.9476		
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	1,058.5	44,456	136,487.97	2,233.89	128.9476		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(136,487.97)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	138,669.35	xxxxxxxxxxxx			
Total @ 12/31/2014 Avg Price	1,058.5	44,456	138,669.35	2,233.89	131.0085		

Weighted Avg Cost/BBL by Location

128.9476 2.1105

Weighted Avg Cost/BBL @ Avg Cost

131.0085 2.1105

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 11/30/2014	1,517.6	63,740.0	201,971.6	2,826.1		
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	0.0	-	-	-		
Actual	0.0	0	0.00	0.00		
Transfers out: Estimate			x	x	x	
Actual			x	x	x	
Transfers in: Estimate		152	0.00	2.46		
Actual		(152)	0.00	0.00		
Consumed: Estimate	68.9	2,895	9,131.25	127.59		
Actual	(101.5)	(4,265)	(15,454.32)	(129.87)		
Balance Per G/L 11/30/2014	1,485.0	62,370	195,648.57	2,826.30		
ULSD Purchases	0	0	0.00	0.00	#DIV/0!	
Estimated Purchases	0	-	-	-		
Transfer in	0	0	0.00	0.00		
Consumed	(146.9)	(6,169)	(18,547.27)	(315.60)	126.2742	1.8622
Balance @ 12/31/2014	1,338.1	56,201	177,101.30	2,510.70		
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	1,338.1	56,201	177,101.30	2,510.70		
Reverse Fuel Balance	x	x	(177,101.30)	x		
Fuel Balance @ Avg Price	x	x	175,304.94	x		
Total @ 12/31/2014 Avg Price	1,338.1	56,201	175,304.94	2,510.70		
Weighted Avg Cost/BBL by Location			132.3509	1.8763		
Weighted Avg Cost/BBL @ Avg Cost			131.0085	1.8763		

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 2014

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 11/30/2014	110.1	4,625	23,037.25	
Less: Est'd Inven Addition	0.0	XXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	(42.6)	(1,791)	(5,113.31)	
Actual	44.6	1,875	4,810.68	
Consumed: Estimate	15.2	637	2,608.48	
Actual	(19.6)	(824)	(11,158.03)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
Balance Per G/L 11/30/2014	107.67	4,522	14,185.07	131.7499
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	
Consumed	(7.7)	(324)	(974.12)	126.2742
Balance @ 12/31/2014	97.7	4,103	13,210.95	135.2328
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 12/31/14	97.7	4,103	13,210.95	
Reverse Fuel Balance	XXXXXXXXXXXX	XXXXXXXXXXXX	(13,210.95)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXXXX	XXXXXXXXXXXX	12,798.28	xxxx
Total @ 12/31/2014 Avg Price	97.7	4,103	12,798.28	131.0085

HAWAII ELECTRIC LIGHT COMPANY, INC.
CONTRACT PRICES EFFECTIVE December 1, 2014

TYPE OF OIL BURNED

INDUSTRIAL *	<u>Shipman Industrial</u>		<u>Puna Industrial</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	55.99	3.5267	55.99	3.5267
Ocean Transportation	55.84	3.5177	55.84	3.5177
Storage	17.20	1.0833	17.20	1.0833
Wharfage	3.65	0.2300	3.65	0.2300
DIESEL *	<u>Hilo Diesel</u>		<u>Waimea Diesel</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	94.57	5.7580	94.57	5.7580
Ocean Transportation	60.03	3.5177	60.03	3.5177
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	94.57	5.7580	94.57	5.7580
Ocean Transportation	60.03	3.5177	60.03	3.5177
Storage	18.49	1.0833	18.49	1.0833
Wharfage	3.92	0.2300	3.92	0.2300

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.

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

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

		January 1, 2015 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	13.562	6.560
PGV (22 MW)	- off peak	12.572	5.430
WAILUKU HYDRO	- on peak	13.562	7.240
	.	12.572	5.970
Other: (<100 KW)	Sch Q Rate	12.81	
		January 1, 2015 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
HEP		15.340	
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
January 1, 2015

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be returned or collected	\$373,000
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	\$124,333
3	Revenue Tax Multiplier	1.0975
4	Total (Line 2 x Line 3)	\$136,458
5	Estimated MWh Sales (January 1, 2015)	90,394 mwh
6	Adjustment (Line 4 / Line 5)	0.151 ¢/kwh

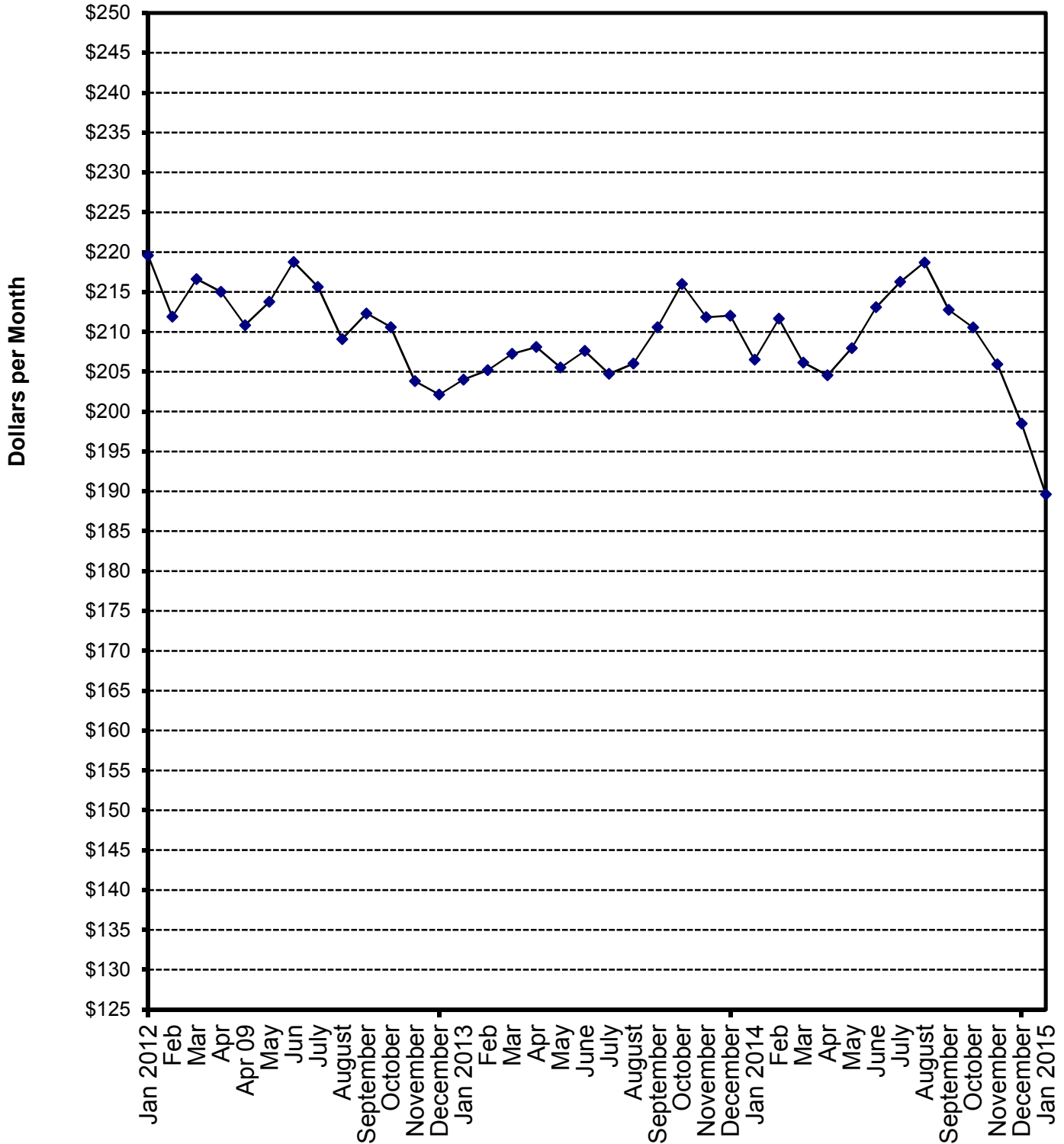
HAWAII ELECTRIC LIGHT COMPANY, INC.
2014 Cumulative Reconciliation Balance

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	658,232	[3]	5,605	652,627	(219,411)	(215,351)	480,236
December 13					(219,411)	(214,419)	265,817
January 14					(219,411)	(203,076)	62,741
February	86,950	[4]	11,004	75,946	(28,983)	(28,792)	109,895
March					(28,983)	(28,430)	81,465
April					(28,983)	(29,197)	52,268
May	(1,229,000)	[1]	17,079	(1,246,079)	409,667	406,595	(787,216)
June					409,667	406,007	(381,209)
July					409,667	417,509	36,300
August	(362,000)	[2]	(6,946)	(355,054)	120,667	119,561	(199,193)
September					120,667	122,001	(77,192)
October					120,667	124,134	46,942
November	(373,000)	[3]	8,070	(381,070)	124,333	125,960	(208,168)
December					124,333		

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>RESIDENTIAL BILL (\$)</u> <u>@ 500 KWH</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

**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

* 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		
	12-01-14	1-01-15	12-01-14	1-01-15	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 2.4235	2.4245	\$12.12	\$12.12	\$0.00
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	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Adjustment	¢/kwh 4.1430	2.3690	\$20.72	\$11.85	-\$8.87
Green Infrastructure Fee	\$ 1.2900	1.2900	\$1.29	\$1.29	\$0.00
Avg Residential Bill at 500 kwh			\$198.49	\$189.62	
			Increase (Decrease -)		-\$8.87
			% Change		-4.47%

	Rate		Charge (\$) at 600 Kwh		
	12-01-14	1-01-15	12-01-14	1-01-15	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 2.4235	2.4245	\$14.54	\$14.55	\$0.01
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	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Adjustment	¢/kwh 4.1430	2.3690	\$24.86	\$14.21	-\$10.65
Green Infrastructure Fee	\$ 1.2900	1.2900	\$1.29	\$1.29	\$0.00
Avg Residential Bill at 600 kwh			\$237.84	\$227.20	
			Increase (Decrease -)		-\$10.64
			% Change		-4.47%