

HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST ADJUSTMENT FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>3/01/17</u>	<u>4/01/17</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,127.99	1,053.70	(74.29)
Dispersed Generation Energy, ¢/kWh	12.746	0.000	(12.746)
Purchased Energy, ¢/kWh	11.860	12.105	0.245
<u>Residential Schedule "R"</u>			
Energy Cost Adjustment - ¢/kWh	(2.274)	(2.425)	(0.151)
<u>Others - "G,J,P,F"</u>			
Energy Cost Adjustment - ¢/kWh	(2.274)	(2.425)	(0.151)
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$166.31	\$164.31	(\$2.00)
600 KWH Consumption - \$/Bill	\$199.24	\$196.83	(\$2.41)

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

ENERGY COST ADJUSTMENT (ECA) FILING - April 1, 2017 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	April 1, 2017
2	Supercedes Factors of	March 1, 2017

GENERATION COMPONENT

<u>CENTRAL STATION WITH WIND/HYDRO COMPONENT</u>						
FUEL PRICES, ¢/mmbtu						
3						
4	Hill Industrial		847.41			
5	Puna Industrial		861.70			
6	Keahole Diesel		1,377.58			
6a	Keahole ULSD		1,337.97			
7	Waimea ULSD Diesel		1,334.45			
8	Hilo Diesel		1,355.98			
8a	Hilo (Kanoelehua) ULSD Diesel ¹		1,309.02			
9	Puna Diesel		1,346.63			
10	Wind		0.00			
11	Hydro		0.00			
BTU MIX, %						
12						
13	Hill Industrial		51.799			
14	Puna Industrial		7.834			
15	Keahole Diesel		39.669			
15a	Keahole ULSD		0.000			
16	Waimea ULSD Diesel		0.000			
17	Hilo Diesel		0.000			
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.000			
18	Puna Diesel		0.057			
19	Wind		0.000			
20	Hydro		0.641			
			100.000			
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmb	1,053.70				
22	% Input to System kWh Mix	38.045				
EFFICIENCY FACTOR, mmbtu/kWh						
	(A)	(B)	(C)	(D)		
			Percent of			
			Centrl Stn +	Weighted		
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Wind/Hydro</u>	<u>Eff Factor</u>		
		<u>mmbtu/kwh</u>				
23	Industrial	0.015148	48.313	0.007318		
24	Diesel	0.010424	44.447	0.004633		
25	Other	0.012621	7.240	0.000914		
	(Lines 23, 24, 25): Col(B) x Col(C) = Col(D)					
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0128650		
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			5.15732		
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)			(1.96063)		
33	Revenue Tax Req Multiplier			1.0975		
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			(2.15179)		
				<u>DG ENERGY COMPONENT</u>		
				35	COMPOSITE COST OF DG ENERGY, ¢/kWh ²	0.000
				36	% Input to System kWh Mix ²	0.000
				37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.00000
				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)	(0.00942)
				42	Loss Factor	1.067
				43	Revenue Tax Req Multiplier	1.0975
				44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	(0.01103)
				SUMMARY OF		
				TOTAL GENERATION FACTOR, ¢/kWh		
				45	Cntrl Stn+Wind/Hydro (line 34)	(2.15179)
				46	DG (line 44)	(0.01103)
				47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	(2.16282)

¹ Hilo ULSD same location as Kanoelehua ULSD

² There is no forecast for February 2017 based on the production simulation files received on November 28, 2016 from R. Wang.

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

ENERGY COST ADJUSTMENT (ECA) FILING - April 1, 2017 (Page 2 of 2)

Line	<u>PURCHASED ENERGY COMPONENT</u>		
	PURCHASED ENERGY PRICE, ¢/kWh		
48	HEP		13.855
49	PGV	On Peak	11.302
50	PGV	Off Peak	11.513
51	PGV - Add'l 5 MW	On Peak	12.670
52	PGV - Add'l 5 MW	Off Peak	12.670
53	PGV - Add'l 8 MW	On Peak	6.440
54	PGV - Add'l 8 MW	Off Peak	6.440
55	Wailuku Hydro	On Peak	11.302
56	Wailuku Hydro	Off Peak	11.513
57	Hawi Renewable Dev.	On Peak	11.302
58	Hawi Renewable Dev.	Off Peak	11.513
59	Tawhiri (Pakini Nui)	On Peak	14.000
60	Tawhiri (Pakini Nui)	Off Peak	12.560
61			
62	Small Hydro (>100 KW)	On Peak	11.302
63	Small Hydro (>100 KW)	Off Peak	11.513
64	Sch Q Hydro (<100 KW)		11.060
65	FIT		23.800
	PURCHASED ENERGY KWH MIX, %		
66	HEP		20.782
67	PGV	On Peak	19.547
68	PGV	Off Peak	12.205
69	PGV - Addt'l	On Peak	3.901
70	PGV - Addt'l	Off Peak	2.793
71	PGV - Add'l 8 MW	On Peak	2.408
72	PGV - Add'l 8 MW	Off Peak	4.762
73	Wailuku Hydro	On Peak	1.071
74	Wailuku Hydro	Off Peak	0.836
75	Hawi Renewable Dev.	On Peak	5.781
76	Hawi Renewable Dev.	Off Peak	3.786
77	Tawhiri (Pakini Nui)	On Peak	12.826
78	Tawhiri (Pakini Nui)	Off Peak	8.775
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)		0.220
83	FIT		0.307
			100.000
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh		12.105
85	% Input to System kWh Mix		61.955
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))		7.49965
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))		0.30451
91	Loss Factor		1.067
92	Revenue Tax R		1.0975
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))		0.35659

Line	SYSTEM COMPOSITE	
94	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	(1.80623)
95	Not Used	0.000
96	Not Used	0.000
97	ECA Reconciliation Adjustment	(0.619)
98	ECA FACTOR, ¢/kWh (Lines (94 + 95+ 96 + 97))	(2.425)

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR April 1, 2017

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	53.3868	53.3868
Land Transportation Cost - \$/BBL	--	0.9005
Industrial Costs For Filing - \$/BBL	53.3868	54.2873
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	847.41	861.70

DIESEL FUEL COSTS:

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	77.9741	77.9741	77.9741
Land Transportation Cost - \$/BBL	2.7523	0.9387	1.4864
Diesel Costs For Filing - \$/BBL	80.7265	78.9128	79.4605
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	1,377.58	1,346.63	1,355.98

ULSD FUEL COSTS:

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	74.1298	74.1298	74.1298	74.1298
Land Transportation Cost - \$/BBL	2.5361	2.3340	0.8772	-
ULSD Costs For Filing - \$/BBL	76.6659	76.4638	75.0070	74.1298
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	1,337.97	1,334.45	1,309.02	1,293.71

Dispersed Generation, cents per kWh

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	0.0000
\$/BBI Inv Cost:	74.1298
Fuel \$ (Prod Sim Consumption x Unit Cost)	0.00
Net kWh (from Prod Sim)	0
cents/kWh:	#DIV/0!

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 02/28/2017	0	0.00	38,934	2,088,319.48			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	(39,652)	(2,126,727.98)			
Actual	0	0.00	36,088	1,946,054.35			
Consumed: Estimate	0	0.00	29,609	1,581,120.60			
Actual	0	0.00	(29,226)	(1,550,072.56)			
Balance Per G/L 02/28/2017	0	0.00	35,753	1,938,693.89			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	34,217	1,799,997.46			
Consumed	0	0.00	(35,236)	(1,887,627.76)	106.5901	0.0000	106.5901
Balance @ 03/31/2017	0	0.00	34,734	1,851,063.60			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 03/31/2017	0	0.00	34,734	1,851,063.60			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(1,851,063.60)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	1,854,335.79			
Total @ 9/30/2013 Avg Price	0	0.00	34,734	1,854,335.79			

Weighted Avg Cost/BBL by Location #DIV/0! 53.2926

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 53.3868

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 02/28/2017	5,734	303,330.01	5,239.02			
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	(2,451)	(128,030.16)	(2,930.76)			
Actual	1,786	97,560.05	2,153.53			
Consumed: Estimate	2,019	107,814.60	1,433.49			
Actual	<u>(1,983)</u>	<u>(105,173.27)</u>	<u>(2,149.75)</u>			
Balance Per G/L 02/28/2017	<u>5,105</u>	<u>275,501.23</u>	<u>3,745.53</u>			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	3,011	162,968	3,600.37			
Consumed	(2,827)	<u>(151,445.22)</u>	(2,583.03)	53.5710	0.9137	54.4847
Balance @ 03/31/2017	<u>5,289</u>	<u>287,023.97</u>	<u>4,762.87</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>5,289</u>	<u>287,023.97</u>	<u>4,762.87</u>		0.9005	
Reverse Fuel Balance	xxxxxxxxxxxx	(287,023.97)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	282,362.58	xxxxxxxxxxxx			
Total @ 04/01/2017 Avg Price	<u>5,289</u>	<u>282,362.58</u>	<u>4,762.87</u>			

Weighted Avg Cost/BBL by Location

54.2681

0.9005

Weighted Avg Cost/BBL @ Avg Cost

53.3868

0.9005

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

KEAHOLE CT

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 02/28/2017	35,238.3	1,480,010.0	2,689,095.3	95,777.7			
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	(39,024.2)	(1,639,018.0)	(2,980,717.9)	(104,304.0)			
Actual	38,300.7	1,608,631.0	2,963,229.2	100,819.80			
Consumed: Estimate	43,465.7	1,825,558.0	3,322,515.6	96,928.44			
Actual	(43,128.1)	(1,811,381.0)	(3,205,292.9)	(101,927.5)	74.3203		
Balance Per G/L 02/28/2017	34,852.4	1,463,800	2,788,829.22	87,294.41	80.0183		
Purchases	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer in	42,780.2	1,796,770.0	3,323,845.8	114,343.0	77.6958		
Consumed	(47,689.7)	(2,002,966.0)	(3,785,996.8)	(119,224.17)	79.3882	2.5000	81.8882
Balance @ 03/31/2017	29,943.0	1,257,604	2,326,678.20	82,413.26	77.7037		
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	29,943.0	1,257,604	2,326,678.20	82,413.26	77.7037		
Reverse Fuel Balance	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	(2,326,678.2)	xxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	2,334,775.7	xxxxxxxxxxxxxx			
Total @ 04/01/2017 Avg Price	29,943.0	1,257,604	2,334,775.75	82,413.26	77.9741		

Weighted Avg Cost/BBL by Location 77.7037 2.7523

Weighted Avg Cost/BBL @ Avg Cost 77.9741 2.7523

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER BARREL EXCL LT	BARREL LT	TOTAL
Balance at 02/28/2017	3,237.3	135,968.0	241,230.7	4,125.9			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfers in: Estimate	(1,981.6)	(83,228.0)	(145,405.8)	(2,369.5)			
Actual	2,272.1	95,428.0	106,492.2	1,378.3			
Consumed: Estimate	1,627.0	68,335.0	124,369.7	2,261.6			
Actual	(1,194.3)	(50,160.0)	(9,770.5)	(1,242.7)			
Balance Per G/L 02/28/2017	3,960.5	166,343	316,916.39	4,153.61			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	1,173.0	49,265.0	89,826.1	1,222.6	76.5797		
Consumed	(1,660.1)	(69,725)	(131,793.86)	(2,115.82)	79.3882	1.2745	80.6627
Balance @ 03/31/2017	3,473.4	145,883	274,948.65	3,260.38	79.1583		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 03/31/2017	3,473.4	145,883	274,948.65	3,260.38	79.1583		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(274,948.65)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	270,835.72	XXXXXXXXXXXXXXXXXX			
Total @ 04/01/2017 Avg Price	3,473.4	145,883	270,835.72	3,260.38	77.9741		

Weighted Avg Cost/BBL by Location 79.1583 0.9387

Weighted Avg Cost/BBL @ Avg Cost 77.9741 0.9387

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 02/28/2017	365.3	15,341	111,139	262			
Less: Est'd Inven Addition	-36.1	-1,516	-2,833	-33			
Purchases: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers in: Estimate	1088.8	45728.0	0.0	1001.6			
Actual	-711.7	-29890.0	30352.4	346.7			
Consumed: Estimate	9.7	406.0	738.9	8.4			
Actual	-18.5	-776.0	-83588.7	-16.0			
Balance Per G/L 02/28/2017	697.5	29,293	55,808.97	1,569.87	80.0183		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	942.3	39575.0	73614.8	866.8	0.0000		
Consumed	-0.8	-34.0	-64.3	-0.6	79.3882	0.7183	80.1065
Balance @ 03/31/2017	1,638.9	68,834	129,359.48	2,436.08	78.9304		
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	1,638.9	68,834	129,359.48	2,436.08	78.9304		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -129,359.48	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 127,792.18	XXXXXXXXXXXX			
Total @ 04/01/2017 Avg Price	1,638.9	68,834	127,792.18	2,436.08	77.9741		

Weighted Avg Cost/BBL by Location

78.9304 1.4864

Weighted Avg Cost/BBL @ Avg Cost

77.9741 1.4864

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

KEAHOLE DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 02/28/2017	1,971.0	82,784	142,677.88	4,477.29			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(188.9)	(7,933)	(15,078.96)	(504.84)			
Actual	188.9	7,933	15,310.55	0.00			
Transfers out: Estimate		xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfers in: Estimate		(232)	0.00	(14.76)			
Actual		248	0.00	504.84			
Consumed: Estimate	226.2	9,500	16,245.00	504.40			
Actual	(180.5)	(7,582)	(13,422.71)	85.27	74.3542		
Balance Per G/L 02/28/2017	2,017.1	84,718	145,731.76	5,052.20	72.2483		
Purchases	377.7	15,863	30,139.70	1,009.49	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	10.5	439	0.00	27.94	0.00		
Consumed	(288.1)	(12,101)	(20,805.83)	(720.30)	72.2126	2.5000	74.7126
Balance @ 03/31/2017	2,117.1	88,919	155,065.63	5,369.33	73.2437		
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	2,117.1	88,919	155,065.63	5,369.33	73.2437		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxx	(155,065.63)	xxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	xxxxxxxxxxx	156,941.51	xxxxxxxxxxx			
Total @ 04/01/2017 Avg Price	2,117.1	88,919	156,941.51	5,369.33	74.1298		

Weighted Avg Cost/BBL by Location

73.2437 2.5361

Weighted Avg Cost/BBL @ Avg Cost

74.1298 2.5361

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 02/28/2017	1,459.0	61,280.0	105,930.5	3,422.38			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,945)	(15,101.78)	(421.22)			
Actual		7,945.0	15,333.4	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(5.2)	(219)	0.00	0.00			
Actual	3.5	146	0.00	421.22			
Consumed: Estimate	167.8	7,049	12,053.79	397.77			
Actual	(146.9)	(6,170)	(11,061.72)	(318.59)			
Balance Per G/L 02/28/2017	1,478.2	62,086	107,154.11	3,501.56	72.4877		
ULSD Purchases	377.2	15,842	30,099.80	839.89	79.8000		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	xxxxxxxxxxxx	150	0.00	0.00	#DIV/0!		
Consumed	(216.0)	(9,070)	(15,594.48)	(506.54)	72.2126	2.3456	74.5582
Balance @ 03/31/2017	1,643.0	69,008	121,659.43	3,834.91	74.0450		
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	1,643.0	69,008	121,659.43	3,834.91	74.0450		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(121,659.43)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	121,798.71	xxxxxxxxxxxx			
Total @ 04/01/2017 Avg Price	1,643.0	69,008	121,798.71	3,834.91	74.1298		

Weighted Avg Cost/BBL by Location

74.0450 2.3340

Weighted Avg Cost/BBL @ Avg Cost

74.1298 2.3340

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 02/28/2017	1,473.6	61,893.0	105,534.9	1,286.0		
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	(190.0)	(7,980)	(13,343.36)	(174.78)		
Actual	188.8	7,931	15,306.76	0.00		
Transfers out: Estimate			x	x	x	
Actual			x	x	x	
Transfers in: Estimate		0	0.00	0.00		
Actual		(204)	0.00	173.71		
Consumed: Estimate	37.3	1,566	2,677.86	35.34		
Actual	(48.0)	(2,017)	(3,416.93)	(41.40)		
Balance Per G/L 02/28/2017	1,456.9	61,189	106,759.21	1,278.84		
ULSD Purchases	0	0	0.00	0.00	#DIV/0!	
Estimated Purchases	0	-	-	-		
Transfer in	(8)	(342)	0.00	(7.49)		
Consumed	(47.3)	(1,985)	(3,412.91)	(41.95)	72.2126	0.8726
Balance @ 03/31/2017	1,401.5	58,862	103,346.30	1,229.40		
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	1,401.5	58,862	103,346.30	1,229.40		
Reverse Fuel Balance	x	x (103,346.30)		x		
Fuel Balance @ Avg Price	x	x 103,891.08		x		
Total @ 04/01/2017 Avg Price	1,401.5	58,862	103,891.08	1,229.40		

Weighted Avg Cost/BBL by Location 73.7410 0.8772

Weighted Avg Cost/BBL @ Avg Cost 74.1298 0.8772

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
March 2017

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 02/28/2017	80.0	3,359	5,743.91	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	6.0	254	434.34	
Actual	(3.7)	(154)	(260.89)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 02/28/2017	82.36	3,459	5,917.36	71.8500
Purchases	32.9	1,383	2,627.70	79.8000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(2.0)	(82)	(140.99)	72.2126
Balance @ 03/31/2017	123.7	5,195	11,729.07	94.8260
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 03/31/2017	123.7	5,195	11,729.07	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(11,729.07)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	9,169.14	xxxx
Total @ 04/01/2017 Avg Price	123.7	5,195	9,169.14	74.1298

Hawaii Electric Light Company, Inc.
PURCHASED POWER PRICES FOR April 1, 2017

		<u>April 1, 2017</u> (¢/kWh)	<u>Floor Rates</u> (¢/kWh)
PGV (25 MW)	- on peak	11.302	6.560
PGV (22 MW)	- off peak	11.513	5.430
WAILUKU HYDRO	- on peak	11.302	7.240
	.	11.513	5.970
Other: (<100 KW)	Sch Q Rate	11.060	
		<u>April 1, 2017</u> (¢/kWh)	<u>Floor Rates</u> (¢/kWh)
HEP		13.855	
PGV Addtl 5 MW	- on peak	12.6700	0.0000
	- off peak	12.6700	0.0000
PGV Addtl 8 MW	- on peak	6.4400	0.0000
	- off peak	6.4400	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
April 1, 2017

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	(\$1,366,400)
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	(\$455,467)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$499,881)
5	Estimated MWh Sales (April 1, 2017)	80,764 mwh
6	Adjustment (Line 4 / Line 5)	(0.619) ¢/kwh

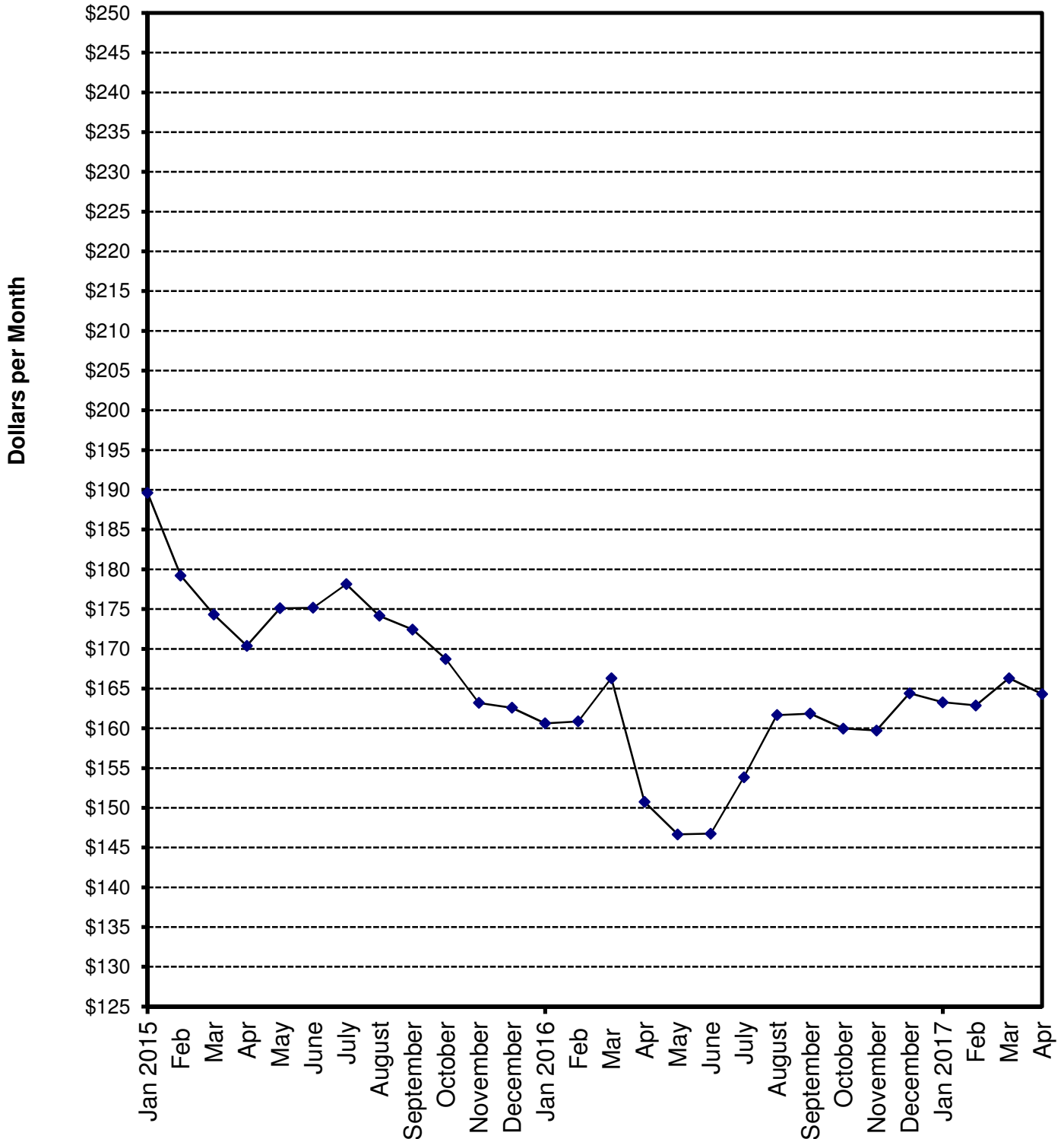
HAWAII ELECTRIC LIGHT COMPANY, INC.
2016 Cumulative Reconciliation Balance

<u>Month</u>	(1) <u>YTD FOA Reconciliation</u>	<u>Qtr</u>	(2) <u>FOA Rec Adjust Variance</u>	(3) <u>FOA Rec Less Variance</u>	(4) <u>Try to Collect</u>	(5) <u>Actual Collect</u>	(6) <u>Month-end Cumulative Balance</u>
November	791,200	[3]	44,375	746,825	(263,733)	(262,906)	565,708
December 15					(263,733)	(256,311)	309,397
January 16					(263,733)	(264,541)	44,856
February	(282,600)	[4]	10,260	(292,860)	94,200	95,382	(152,622)
March					94,200	96,004	(56,618)
April					94,200	97,345	40,727
May	2,320,900	[1]	2,178	2,318,722	(773,633)	(790,776)	1,568,673
June					(773,633)	(817,839)	750,834
July					(773,633)	(821,946)	(71,112)
August	645,200	[2]	(58,204)	703,404	(215,067)	(232,600)	399,692
September					(215,067)	(231,769)	167,923
October					(215,067)	(232,984)	(65,061)
November	785,400	[3]	(82,548)	867,948	(261,800)	(268,646)	534,241
December					(261,800)	(283,626)	250,615
January 17					(261,800)	(265,764)	(15,149)
February	1,366,400	[4]	(46,589)	1,412,989	(455,467)	(473,124)	924,716
March					(455,467)		
April					(455,467)		

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 CENTS / KWH</u>		
	<u>COMMERCIAL</u>	<u>RESIDENTIAL & @ 500 KWH</u>	<u>RESIDENTIAL BILL (\$) @ 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
May 1, 2015	-0.420	175.10	209.79
June 8, 2015	-0.579	175.16	209.85
July 1, 2015	0.264	178.14	213.38
August 1, 2015	-0.586	174.16	208.61
September 1, 2015	-0.927	172.43	206.54
October 1, 2015	-1.671	168.73	202.10
November 1, 2015	-2.727	163.20	195.47
December 1, 2015	-2.859	162.59	194.74
January 1, 2016	-3.223	160.63	192.41
February 1, 2016	-2.962	160.87	192.69
March 1, 2016	-4.311	154.26	184.76
April 1, 2016	-4.715	150.76	180.57
May 1, 2016	-5.554	146.66	175.64
June 1, 2016	-5.546	146.74	175.74
July 1, 2016	-4.248	153.85	184.31
August 1, 2016	-3.094	161.67	193.69
September 1, 2016	-3.040	161.85	193.90
October 1, 2016	-3.427	159.97	191.65
November 1, 2016	-3.514	159.72	191.35
December 1, 2016	-2.584	164.41	196.97
January 1, 2017	-2.842	163.27	195.58
February 1, 2017	-2.956	162.87	195.09
March 1, 2017	-2.274	166.31	199.24
April 1, 2017	-2.425	164.31	196.83

**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
05/01/12-3/31/13	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
11/1/2012-1/31/13	PURCHASED POWER ADJUSTMENT CLAUSE	2.4237 CENTS/KWH
01/01/13-6/30/13	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7850 CENTS/KWH
02/01/13-4/30/13	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
6/1/2013-5/31/14	RBA RATE ADJUSTMENT	0.4383 CENTS/KWH
7/1/2013-6/30/14	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
6/1/2014-5/31/15	RBA RATE ADJUSTMENT	1.2225 CENTS/KWH
7/1/2014-7/31/2014	PURCHASED POWER ADJUSTMENT CLAUSE	2.4252 CENTS/KWH
7/1/2014-11/30/14	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
12/1/2014-6/30/15	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7583 CENTS/KWH
12/1/2014-6/30/15	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
5/1/2015-5/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3109 CENTS/KWH
5/1/2015-4/30/16	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2015-6/30/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3064 CENTS/KWH
6/1/2015-6/7/2015	RBA RATE ADJUSTMENT	0.0000 CENTS/KWH
6/8/2015-05/31/16	RBA RATE ADJUSTMENT	1.3971 CENTS/KWH
7/1/2015-7/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3157 CENTS/KWH
7/1/2015-06/30/16	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.4749 CENTS/KWH
7/1/2015-12/31/2015	GREEN INFRASTRUCTURE FEE	1.4200 DOLLARS/MONTH
8/1/2015-8/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3703 CENTS/KWH
9/1/2015-9/30/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3651 CENTS/KWH
10/1/2015-10/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3699 CENTS/KWH
11/1/2015-11/30/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3204 CENTS/KWH
12/1/2015-12/31/2015	PURCHASED POWER ADJUSTMENT CLAUSE	2.3299 CENTS/KWH
1/1/2016-1/31/2016	PURCHASED POWER ADJUSTMENT CLAUSE	2.3260 CENTS/KWH
1/1/2016-06/30/16	GREEN INFRASTRUCTURE FEE	1.3000 DOLLARS/MONTH
2/1/2016 - 2/29/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.1114 CENTS/KWH
3/1/2016 - 3/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.1401 CENTS/KWH
4/1/2016 - 4/30/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.1228 CENTS/KWH
4/1/2016 - 4/30/16	SOLARSAVER ADJUSTMENT	-0.2779 CENTS/KWH
5/1/2016 - 5/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	1.8623 CENTS/KWH
5/1/2016	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2016 - 6/30/16	PURCHASED POWER ADJUSTMENT CLAUSE	1.8442 CENTS/KWH
6/1/2016	RBA RATE ADJUSTMENT	1.4241 CENTS/KWH
7/1/2016-7/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	1.8909 CENTS/KWH
7/1/2016	GREEN INFRASTRUCTURE FEE	1.1300 DOLLARS/MONTH
7/1/2016	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.5865 CENTS/KWH
8/1/2016-8/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.3000 CENTS/KWH
9/1/2016-9/30/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.2824 CENTS/KWH
10/1/2016-10/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.2930 CENTS/KWH
11/1/2016-11/30/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.3298 CENTS/KWH
12/1/2016-12/31/16	PURCHASED POWER ADJUSTMENT CLAUSE	2.3371 CENTS/KWH
1/1/2017-1/31/2017	PURCHASED POWER ADJUSTMENT CLAUSE	2.3400 CENTS/KWH
1/1/2017	GREEN INFRASTRUCTURE FEE	1.2700 DOLLARS/MONTH
2/1/2017 - 2/28/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.3737 CENTS/KWH
3/1/2017 - 3/31/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.3809 CENTS/KWH
4/1/2017-4/30/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.3781 CENTS/KWH
4/1/2017-4/30/17	SOLARSAVER ADJUSTMENT	-0.2462 CENTS/KWH

**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		
	3/01/17	4/01/17	3/01/17	4/01/17	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	\$0.00
Next 700 kWh per month	¢/kwh 14.5537	14.5537	\$29.11	\$29.11	\$0.00
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 1.4241	1.4241	\$7.12	\$7.12	\$0.00
Purchased Power Adj. Clause	¢/kwh 2.3809	2.3781	\$11.90	\$11.89	-\$0.01
PBF Surcharge	¢/kwh 0.5865	0.5865	\$2.93	\$2.93	\$0.00
DSM Adjustment	¢/kwh 0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh 0.0000	(0.2462)	\$0.00	-\$1.23	-\$1.23
Energy Cost Adjustment	¢/kwh (2.2740)	(2.4250)	-\$11.37	-\$12.13	-\$0.76
Green Infrastructure Fee	\$ 1.2700	1.2700	\$1.27	\$1.27	\$0.00
Avg Residential Bill at 500 kwh			\$166.31	\$164.31	

Increase (Decrease -)	-\$2.00
% Change	-1.20%

	Rate		Charge (\$) at 600 Kwh		
	3/01/17	4/01/17	3/01/17	4/01/17	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	\$0.00
Next 700 kWh per month	¢/kwh 14.5537	14.5537	\$43.66	\$43.66	\$0.00
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 1.4241	1.4241	\$8.54	\$8.54	\$0.00
Purchased Power Adj. Clause	¢/kwh 2.3809	2.3781	\$14.29	\$14.27	-\$0.02
PBF Surcharge	¢/kwh 0.5865	0.5865	\$3.52	\$3.52	\$0.00
DSM Adjustment	¢/kwh 0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh 0.0000	(0.2462)	\$0.00	-\$1.48	-\$1.48
Energy Cost Adjustment	¢/kwh (2.2740)	(2.4250)	-\$13.64	-\$14.55	-\$0.91
Green Infrastructure Fee	\$ 1.2700	1.2700	\$1.27	\$1.27	\$0.00
Avg Residential Bill at 600 kwh			\$199.24	\$196.83	

Increase (Decrease -)	-\$2.41
% Change	-1.21%