



FILED

JAY IGNACIO, P. E.
President

June 1, 2018

2018 JUN -1 P 4: 20

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

PUBLIC UTILITIES
COMMISSION

Dear Commissioners:

Subject: Hawai'i Electric Light Energy Cost Adjustment Factor for June 2018
Revised Attachments Reflecting RBA Rate Adjustment

Enclosed for filing are revised Attachments 1, 8, 9A, 9B, and 10 of Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") energy cost adjustment filing, reflecting the impact of the Company's Revenue Balancing Account ("RBA") rate adjustment, as approved by the Commission in order No. 35493.

On May 29, 2018, Hawai'i Electric Light filed its energy cost adjustment factor for June 2018 and indicated that it would file the enclosed revised attachments after the Commission issued its decision on the Company's RBA rate adjustment proposal submitted in Transmittal No. 18-02 and incorporate the impact in the customer bill analysis. There is no change to the energy cost adjustment as filed on May 29, 2018.

A residential customer consuming 500 kWh of electricity will be paying \$186.65, an increase of \$12.27 compared to the rates effective May 1, 2018. The increase in the typical bill is due to the increase in the energy cost adjustment factor (+13.77), the decrease in the Purchased Power Adjustment (-\$3.34) and the increase in the RBA rate adjustment (+\$1.84).

For the Commission's convenience, Hawai'i Electric Light is refile all of the attachments included in the May 29, 2018 filing. The revised attachments are notated with "Revised 6/1/18" in the headers; the other attachments are unchanged.

Sincerely,

Attachments

cc: Division of Consumer Advocacy

HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST ADJUSTMENT FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>05/01/18</u>	<u>06/01/18</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,294.56	1,469.96	175.40
Dispersed Generation Energy, ¢/kWh	14.629	14.953	0.324
Purchased Energy, ¢/kWh	13.026	15.503	2.477
<u>Residential Schedule "R"</u>			
Energy Cost Adjustment - ¢/kWh	(0.452)	2.301	2.753
<u>Others - "G,J,P,F"</u>			
Energy Cost Adjustment - ¢/kWh	(0.452)	2.301	2.753
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$174.38	\$186.65	\$12.27
600 KWH Consumption - \$/Bill	\$208.90	\$223.63	\$14.73

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

ENERGY COST ADJUSTMENT (ECA) FILING - June 1, 2018 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	June 1, 2018
2	Supersedes Factors of	May 1, 2018

GENERATION COMPONENT

<u>CENTRAL STATION WITH WIND/HYDRO COMPONENT</u>						
FUEL PRICES, ¢/mmbtu						
3						
4	Hill Industrial		1,099.39			
5	Puna Industrial		1,118.72			
6	Keahole Diesel		1,804.19			
6a	Keahole ULSD		1,517.85			
7	Waimea ULSD Diesel		1,510.62			
8	Hilo Diesel		1,777.37			
8a	Hilo (Kanoelehua) ULSD Diesel ¹		1,490.73			
9	Puna Diesel		1,776.23			
10	Wind		0.00			
11	Hydro		0.00			
BTU MIX, %						
12						
13	Hill Industrial		32.336			
14	Puna Industrial		5.177			
15	Keahole Diesel		53.558			
15a	Keahole ULSD		1.042			
16	Waimea ULSD Diesel		0.411			
17	Hilo Diesel		0.062			
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.102			
18	Puna Diesel		3.694			
19	Wind		0.000			
20	Hydro		3.618			
			100.000			
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmb		1,469.96			
22	% Input to System kWh Mix		54.523			
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>		
23	Industrial	0.015148	37.513	0.005682		
24	Diesel	0.010424	58.869	0.006137		
25	Other	0.012621	3.618	0.000457	100.0000	
(Lines 23, 24, 25): Col(B) x Col(C) = Col(D)						
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0122760		
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			9.83880		
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)			2.72085		
33	Revenue Tax Req Multiplier			1.0975		
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			2.98613		
				<u>DG ENERGY COMPONENT</u>		
				35	COMPOSITE COST OF DG ENERGY, ¢/kWh	14.953
				36	% Input to System kWh Mix	0.863
				37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.12904
				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)	0.11962
				42	Loss Factor	1.067
				43	Revenue Tax Req Multiplier	1.0975
				44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.14008
				SUMMARY OF TOTAL GENERATION FACTOR, ¢/kWh		
				45	Cntrl Stn+Wind/Hydro (line 34)	2.98613
				46	DG (line 44)	0.14008
				47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	3.12621

¹ Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST ADJUSTMENT (ECA) FILING - June 1, 2018 (Page 2 of 2)

Line	PURCHASED ENERGY COMPONENT		
	PURCHASED ENERGY PRICE, ¢/kWh		
48	HEP		16.802
49	PGV	On Peak	14.785
50	PGV	Off Peak	15.028
51	PGV - Add'l 5 MW	On Peak	12.860
52	PGV - Add'l 5 MW	Off Peak	12.860
53	PGV - Add'l 8 MW	On Peak	6.540
54	PGV - Add'l 8 MW	Off Peak	6.540
55	Wailuku Hydro	On Peak	14.785
56	Wailuku Hydro	Off Peak	15.028
57	Hawi Renewable Dev.	On Peak	14.785
58	Hawi Renewable Dev.	Off Peak	15.028
59	Tawhiri (Pakini Nui)	On Peak	11.810
60	Tawhiri (Pakini Nui)	Off Peak	11.610
61			
62	Small Hydro (>100 KW)	On Peak	14.785
63	Small Hydro (>100 KW)	Off Peak	15.028
64	Sch Q Hydro (<100 KW)		14.520
65	FIT		23.800
	PURCHASED ENERGY KWH MIX, %		
66	HEP		63.668
67	PGV	On Peak	0.000
68	PGV	Off Peak	0.000
69	PGV - Add'l	On Peak	0.000
70	PGV - Add'l	Off Peak	0.000
71	PGV - Add'l 8 MW	On Peak	0.000
72	PGV - Add'l 8 MW	Off Peak	0.000
73	Wailuku Hydro	On Peak	3.252
74	Wailuku Hydro	Off Peak	2.306
75	Hawi Renewable Dev.	On Peak	4.993
76	Hawi Renewable Dev.	Off Peak	2.530
77	Tawhiri (Pakini Nui)	On Peak	13.343
78	Tawhiri (Pakini Nui)	Off Peak	8.612
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)		0.268
83	FIT		1.028
			100.000
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh		15.503
85	% Input to System kWh Mix		44.614
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))		6.91651
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))		(0.27863)
91	Loss Factor		1.067
92	Revenue Tax *		1.0975
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))		(0.32628)

Line	SYSTEM COMPOSITE	
94	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	2.79993
95	Not Used	0.000
96	Not Used	0.000
97	ECA Reconciliation Adjustment	(0.499)
98	ECA FACTOR, ¢/kWh (Lines (94 + 95+ 96 + 97))	2.301

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR June 1, 2018

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	69.2614	69.2614
Land Transportation Cost - \$/BBL	--	1.2179
Industrial Costs For Filing - \$/BBL	69.2614	70.4793
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	<u>1,099.39</u>	<u>1,118.72</u>

DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	102.9231	102.9231	102.9231
Land Transportation Cost - \$/BBL	2.8022	1.1638	1.2305
Diesel Costs For Filing - \$/BBL	105.7253	104.0869	104.1536
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	<u>1,804.19</u>	<u>1,776.23</u>	<u>1,777.37</u>

ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	84.2010	84.2010	84.2010	84.2010
Land Transportation Cost - \$/BBL	2.7716	2.3576	1.2180	-
ULSD Costs For Filing - \$/BBL	86.9726	86.5587	85.4191	84.2010
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	<u>1,517.85</u>	<u>1,510.62</u>	<u>1,490.73</u>	<u>1,469.48</u>

Dispersed Generation, cents per kWh

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	1276.8394
\$/BBI Inv Cost:	84.2010
Fuel \$ (Prod Sim Consumption x Unit Cost)	107,511.18
Net kWh (from Prod Sim)	719,000
cents/kWh:	14.953

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 04/30/2018	0	0.00	31,362	1,971,229.72			
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	(25,755)	(1,581,803.30)			
Actual	0	0.00	28,854	1,770,432.95			
Consumed: Estimate	0	0.00	29,648	1,818,001.47			
Actual	0	0.00	(29,591)	(1,789,850.80)			
Balance Per G/L 04/30/2018	0	0.00	34,518	2,188,010.04			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	34,717	2,309,586.75			
Consumed	0	0.00	(33,710)	(2,148,823.72)	106.5901	0.0000	106.5901
Balance @ 05/31/2018	0	0.00	35,525	2,348,773.06			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 05/31/2018	0	0.00	35,525	2,348,773.06			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(2,348,773.06)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	2,460,511.23			
Total @ 06/01/2018 Avg Price	0	0.00	35,525	2,460,511.23			

Weighted Avg Cost/BBL by Location #DIV/0! 66.1161

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 69.2614

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 04/30/2018	5,019	357,546.27	6,378.89			
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	(1,639)	(103,358.56)	(1,959.82)			
Actual	1,602	102,499.92	1,989.71			
Consumed: Estimate	2,698	165,440.10	3,307.59			
Actual	<u>(2,346)</u>	<u>(184,018.75)</u>	<u>(2,876.06)</u>			
Balance Per G/L 04/30/2018	<u>5,334</u>	<u>338,108.98</u>	<u>6,840.31</u>			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	5,168	353,106	6,179.58			
Consumed	(4,329)	<u>(275,949.51)</u>	(5,501.73)	63.7444	1.2709	65.0153
Balance @ 05/31/2018	<u>6,173</u>	<u>415,265.75</u>	<u>7,518.17</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>6,173</u>	<u>415,265.75</u>	<u>7,518.17</u>		1.2179	
Reverse Fuel Balance	xxxxxxxxxxxx	(415,265.75)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	427,550.62	xxxxxxxxxxxx			
Total @ 06/01/2018 Avg Price	<u>6,173</u>	<u>427,550.62</u>	<u>7,518.17</u>			
Weighted Avg Cost/BBL by Location		67.2713	1.2179			
Weighted Avg Cost/BBL @ Avg Cost		69.2614	1.2179			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

KEAHOLE CT

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 04/30/2018	50,008.5	2,100,356.0	4,626,619.7	140,194.9			
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		xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfers in: Estimate	(47,319.7)	(1,987,428.0)	(4,402,246.0)	(134,548.9)			
Actual	42,210.0	1,772,821.0	3,827,072.6	118,453.20			
Consumed: Estimate	44,312.0	1,861,104.0	3,820,407.4	124,919.66			
Actual	(43,487.2)	(1,826,464.0)	(3,630,174.7)	(122,526.1)	83.4768		
Balance Per G/L 04/30/2018	45,723.5	1,920,389	4,241,678.92	126,492.81	92.7679		
Purchases	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfer in	40,805.7	1,713,839.0	3,955,358.1	116,026.9	96.9315		
Consumed	(39,760.7)	(1,669,950.0)	(3,731,197.1)	(111,465.19)	93.8413	2.8034	96.6447
Balance @ 05/31/2018	46,768.5	1,964,278	4,465,839.93	131,054.52	95.4882		
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	46,768.5	1,964,278	4,465,839.93	131,054.52	95.4882		
Reverse Fuel Balance	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	(4,465,839.9)	xxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	4,813,560.5	xxxxxxxxxxxxxxx			
Total @ 06/01/2018 Avg Price	46,768.5	1,964,278	4,813,560.54	131,054.52	102.9231		

Weighted Avg Cost/BBL by Location	95.4882	2.8022
Weighted Avg Cost/BBL @ Avg Cost	102.9231	2.8022

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER BARREL EXCL LT	BARREL LT	TOTAL
Balance at 04/30/2018	3,631.1	152,508.0	378,402.4	4,897.8			
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	(1,026.6)	(43,118.0)	(97,120.1)	(1,138.3)			
Actual	735.1	30,873.0	89,278.1	1,044.6			
Consumed: Estimate	1,269.2	53,307.0	109,426.7	1,729.2			
Actual	(887.9)	(37,290.0)	(134,802.1)	(1,209.6)			
Balance Per G/L 04/30/2018	3,721.0	156,280	345,185.05	5,323.65			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	5,535.8	232,502.0	553,798.1	6,138.1	100.0401		
Consumed	(3,723.7)	(156,396)	(349,438.19)	(5,022.55)	93.8413	1.3488	95.1901
Balance @ 05/31/2018	5,533.0	232,386	549,545.00	6,439.16	99.3213		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 05/31/2018	5,533.0	232,386	549,545.00	6,439.16	99.3213		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(549,545.00)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	569,473.40	XXXXXXXXXXXXXXXXXX			
Total @ 06/01/2018 Avg Price	5,533.0	232,386	569,473.40	6,439.16	102.9231		

Weighted Avg Cost/BBL by Location

99.3213 1.1638

Weighted Avg Cost/BBL @ Avg Cost

102.9231 1.1638

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 04/30/2018	1497.5	62,896	133,499	1,648			
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	9.4	396.0	812.9	10.3			
Actual	-10.4	-438.0	4517.4	172.9			
Balance Per G/L 04/30/2018	1496.5	62,854	138,829.42	1,831.70	92.7679		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	-1.2	-52.0	0.0	0.0	0.0000		
Consumed	-64.0	-2690.0	-6010.3	-70.5	93.8413	1.1008	94.9421
Balance @ 05/31/2018	1,431.2	60,112	132,819.11	1,761.20	92.8001		
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	1,431.2	60,112	132,819.11	1,761.20	92.8001		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -132,819.11	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 147,307.43	XXXXXXXXXXXX			
Total @ 06/01/2018 Avg Price	1,431.2	60,112	147,307.43	1,761.20	102.9231		

Weighted Avg Cost/BBL by Location

92.8001 1.2305

Weighted Avg Cost/BBL @ Avg Cost

102.9231 1.2305

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

KEAHOLE DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 04/30/2018	2,021.5	84,902	164,298.42	5,655.05			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	0.0	0	0.00	0.00			
Actual	0.0	0	810.80	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		59	0.00	3.99			
Actual		(85)	0.00	0.00			
Consumed: Estimate	104.8	4,401	8,589.63	293.40			
Actual	(99.6)	(4,184)	(7,302.27)	(347.51)	73.3019		
Balance Per G/L 04/30/2018	2,026.0	85,093	166,396.58	5,604.93	82.1296		
Purchases	186.8	7,845	17,424.25	531.11	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	4.4	186	0.00	12.59	0.00		
Consumed	(126.2)	(5,301)	(10,393.70)	(353.08)	82.3496	2.7975	85.1471
Balance @ 05/31/2018	2,091.0	87,823	173,427.13	5,795.54	82.9389		
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	2,091.0	87,823	173,427.13	5,795.54	82.9389		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(173,427.13)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	176,066.34	xxxxxxxxxxxx			
Total @ 06/01/2018 Avg Price	2,091.0	87,823	176,066.34	5,795.54	84.2010		

Weighted Avg Cost/BBL by Location

82.9389 2.7716

Weighted Avg Cost/BBL @ Avg Cost

84.2010 2.7716

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 04/30/2018	1,584.7	66,557.0	130,130.6	3,732.06			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,935)	(17,624.15)	(447.53)			
Actual		7,935.0	17,624.2	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(2.2)	(91)	0.00	0.00			
Actual	3.2	135	0.00	447.53			
Consumed: Estimate	107.5	4,517	8,816.03	253.51			
Actual	(106.8)	(4,486)	(8,649.90)	(251.77)			
Balance Per G/L 04/30/2018	1,586.5	66,632	130,296.70	3,733.80	82.1296		
ULSD Purchases	0.0	0	1,611.41	0.00	#DIV/0!		
Estimated Purchases	190.0	7,980	17,715.60	450.07			
Transfer in	xxxxxxxxxxxx	(72)	0.00	0.00	#DIV/0!		
Consumed	(148.7)	(6,245)	(12,244.60)	(350.18)	82.3496	2.3551	84.7047
Balance @ 05/31/2018	1,626.1	68,295	137,379.11	3,833.69	84.4853		
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	1,626.1	68,295	137,379.11	3,833.69	84.4853		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(137,379.11)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	136,916.87	xxxxxxxxxxxx			
Total @ 06/01/2018 Avg Price	1,626.1	68,295	136,916.87	3,833.69	84.2010		

Weighted Avg Cost/BBL by Location

84.4853 2.3576

Weighted Avg Cost/BBL @ Avg Cost

84.2010 2.3576

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 04/30/2018	1,384.4	58,143.0	116,585.9	1,925.4		
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	0.0	0	0.00	0.00		
Actual	0.0	0	810.79	0.00		
Transfers out: Estimate		x	x	x		
Actual		x	x	x		
Transfers in: Estimate		0	0.00	0.00		
Actual		0	0.00	0.00		
Consumed: Estimate	0.0	2,285	967.04	26.58		
Actual	(44.4)	(1,866)	(3,847.65)	(245.32)		
Balance Per G/L 04/30/2018	1,394.3	58,562	114,516.07	1,706.62		
ULSD Purchases	0	0	0.00	0.00	#DIV/0!	
Estimated Purchases	190	-	-	-		
Transfer in	0	0	0.00	0.00		
Consumed	(52.4)	(2,200)	(967.04)	(26.58)	82.3496	1.3908
Balance @ 05/31/2018	1,532.0	64,342	131,264.63	1,865.97		
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	1,532.0	64,342	131,264.63	1,865.97		
Reverse Fuel Balance	x	x	(131,264.63)	x		
Fuel Balance @ Avg Price	x	x	128,991.95	x		
Total @ 06/01/2018 Avg Price	1,532.0	64,342	128,991.95	1,865.97		

Weighted Avg Cost/BBL by Location 85.6845 1.2180

Weighted Avg Cost/BBL @ Avg Cost 84.2010 1.2180

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
May 2018

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 04/30/2018	97.1	4,077	7,946.45	
Less: Est'd Inven Addition	0.0	XXXXXXXXXXXXXXXXXXXX		
Purchases: Estimate	(10.6)	(447)	(992.83)	
Actual	10.6	447	1,043.50	
Consumed: Estimate	5.2	218	425.48	
Actual	(5.6)	(234)	(481.45)	
	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
Balance Per G/L 04/30/2018	96.69	4,061	7,941.15	82.1296
Purchases	0.0	0	90.64	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
Consumed	(7.5)	(316)	(619.58)	82.3496
Balance @ 05/31/2018	89.2	3,745	7,412.21	83.1276
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 05/31/2018	89.2	3,745	7,412.21	
Reverse Fuel Balance	XXXXXXXXXXXX	XXXXXXXXXXXX	(7,412.21)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXXXX	XXXXXXXXXXXX	7,507.92	xxxx
Total @ 06/01/2018 Avg Price	89.2	3,745	7,507.92	84.2010

HAWAII ELECTRIC LIGHT COMPANY, INC.
CONTRACT PRICES EFFECTIVE May 1, 2018

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	59.92	3.7750	59.92	3.7750
Ocean Transportation	50.28	3.0529	48.46	3.0529
Storage	29.89	2.0521	32.57	2.0521
Wharfage	5.60	0.3400	5.40	0.3400
Fees ²	2.26	0.1425	2.26	0.1425
	<u>Hilo Diesel</u>		<u>Waimea Diesel</u>	
DIESEL *	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	97.79	5.7304	97.79	5.7304
Ocean Transportation	52.10	3.0529	52.10	3.0529
Storage	27.20	1.5937	27.20	1.5937
Wharfage	5.80	0.3400	5.80	0.3400
Fees ²	3.33	0.1950	3.33	0.1950
	<u>Kona Diesel</u>		<u>CT3 Diesel</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	97.79	5.7304	97.79	5.7304
Ocean Transportation	52.10	3.0529	52.10	3.0529
Storage	27.20	1.5937	27.20	1.5937
Wharfage	5.80	0.3400	5.80	0.3400
Fees ²	3.33	0.1950	3.33	0.1950
	<u>ULSD</u>			
ULSD **	<u>¢/MBTU</u>	<u>\$/BBL</u>		
Tax ¹	26.38	2.0150		
Ocean Transportation	0.00	0.0000		
Storage	0.00	0.0000		
Wharfage	0.00	0.0000		
Fees ²	3.40	0.1950		

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

² Fees include Custom Duty and Fed Oil Spill Recovery

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 June 1, 2018

		<u>June 1, 2018</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	14.785	6.560
PGV (22 MW)	- off peak	15.028	5.430
WAILUKU HYDRO	- on peak	14.785	7.240
	off peak	15.028	5.970
Other: (<100 KW)	Sch Q Rate	14.520	
		<u>June 1, 2018</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		16.802	
PGV Addtl 5 MW	- on peak	12.8600	0.0000
	- off peak	12.8600	0.0000
PGV Addtl 8 MW	- on peak	6.5400	0.0000
	- off peak	6.5400	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
June 1, 2018

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	(\$1,153,900)
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	(\$384,633)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$422,141)
5	Estimated MWh Sales (June 1, 2018)	84,641 mwh
6	Adjustment (Line 4 / Line 5)	(0.499) ¢/kwh

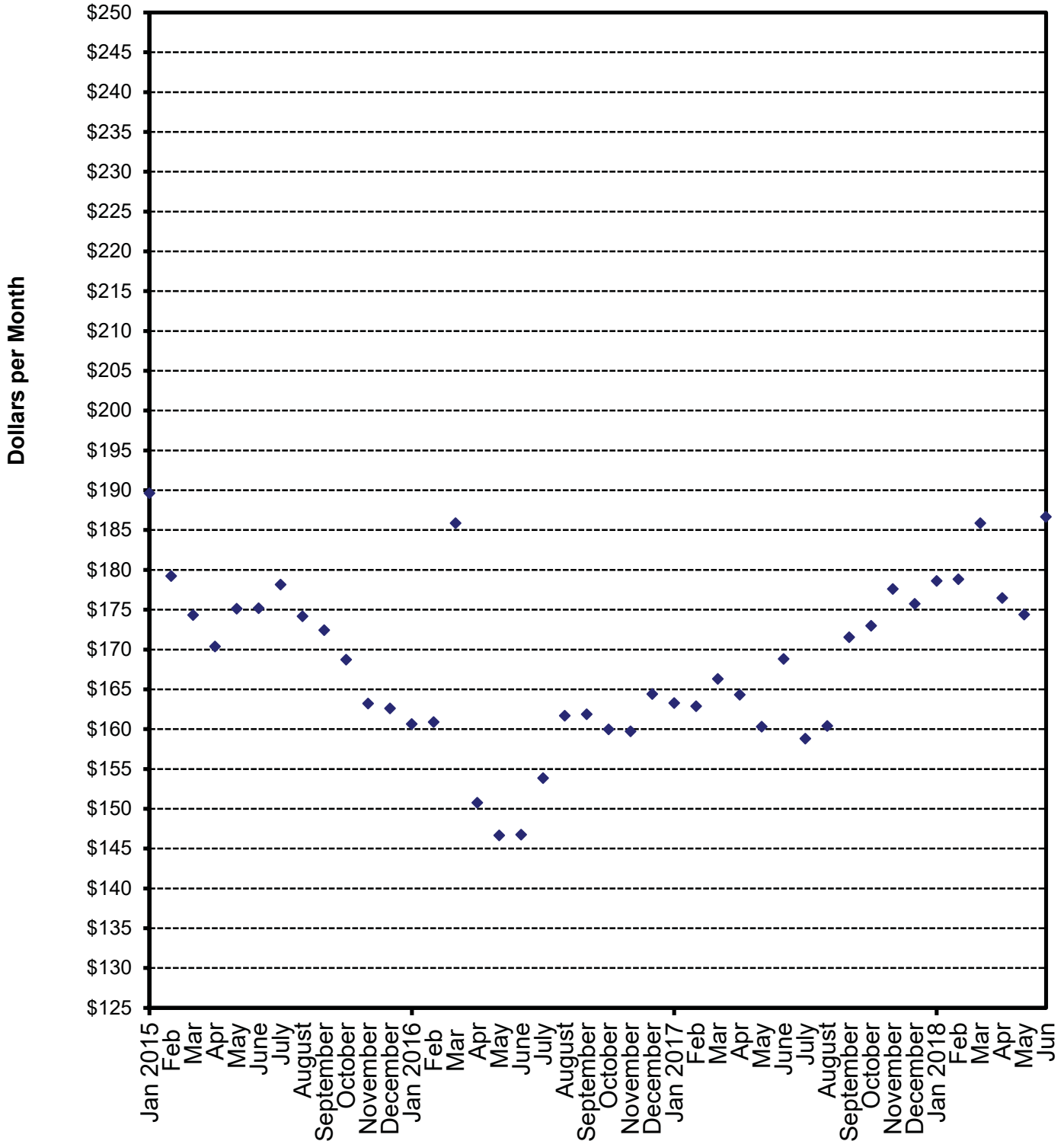
HAWAII ELECTRIC LIGHT COMPANY, INC.
2018 Cumulative Reconciliation Balance

<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	785,400	[3]	(82,548)	867,948	(261,800)	(268,646)	534,241
December 16					(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)	(479,559)	445,157
April					(455,467)	(478,693)	(33,536)
May	445,100	(1)	(45,713)	490,813	(148,367)	(154,562)	302,715
June					(148,367)	(151,295)	151,420
July					(148,367)	(157,548)	(6,128)
August	500,800	[2]	(32,349)	533,149	(166,933)	(180,924)	346,097
September					(166,933)	(178,788)	167,309
October					(166,933)	(178,629)	(11,320)
November	714,200	[3]	(35,027)	749,227	(238,067)	(250,818)	487,089
December					(238,067)	(243,403)	243,686
January 18					(238,067)	(242,224)	1,462
February	825,100	[4]	(29,783)	854,883	(275,033)	(279,869)	576,476
March					(275,033)	(283,895)	292,581
April					(275,033)	(291,829)	752
May	1,153,900	(1)	(17,855)	1,171,755	(384,633)		
June					(384,633)		

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>	FUEL FACTOR		RESIDENTIAL BILL (\$)
	CENTS / KWH	RESIDENTIAL & COMMERCIAL	
		<u>@ 500 KWH</u>	<u>@ 600 KWH</u>
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
May 1, 2017	-3.035	160.30	192.02
June 1, 2017	-1.343	168.82	202.25
July 1, 2017	-3.220	158.79	190.22
August 1, 2017	-3.643	160.39	192.15
September 1, 2017	-2.447	171.52	205.50
October 1, 2017	-2.131	172.97	207.23
November 1, 2017	-0.885	177.60	212.80
December 1, 2017	-1.405	175.02	209.69
January 1, 2018	-0.723	178.59	213.95
February 1, 2018	-0.579	178.81	214.22
March 1, 2018	0.816	185.87	222.68
April 1, 2018	-0.912	176.46	211.39
May 1, 2018	-0.452	174.38	208.90
June 1, 2018	2.301	186.65	223.63

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
04/09/12	FINAL RATE INCREASE (1.28%), DOCKET NO. 2009-0164 (2010 TEST YEAR)	
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
5/1/2017-5/31/17	PURCHASED POWER ADJUSTMENT CLAUSE	1.9396 CENTS/KWH
5/1/2017	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2017-6/30/17	PURCHASED POWER ADJUSTMENT CLAUSE	1.9225 CENTS/KWH
6/1/2017	RBA RATE ADJUSTMENT	1.4533 CENTS/KWH
7/1/2017 - 7/31/2017	PURCHASED POWER ADJUSTMENT CLAUSE	1.9710 CENTS/KWH
7/1/2017- 12/31/17	GREEN INFRASTRUCTURE FEE	1.1800 DOLLARS/MONTH
7/1/2017	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.4244 CENTS/KWH
8/1/2017-8/31/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.7161 CENTS/KWH
9/1/2017-9/30/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.7515 CENTS/KWH
8/31/2017-4/30/18	INTERIM RATE INCREASE 2016	5.8800 PERCENT ON BASE
8/31/2017	RBA RATE ADJUSTMENT	0.6313 CENTS/KWH
10/1/2017 - 10/31/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.7257 CENTS/KWH
11/1/2017 - 11/30/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.4067 CENTS/KWH
12/1/2017 - 12/31/17	PURCHASED POWER ADJUSTMENT CLAUSE	2.4090 CENTS/KWH
1/1/2018 - 1/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.4105 CENTS/KWH
1/1/18-6/30/18	GREEN INFRASTRUCTURE FEE	1.3400 DOLLARS/MONTH
2/1/18-2/28/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.3101 CENTS/KWH
3/1/18 - 3/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.3258 CENTS/KWH
04/1/18-04/30/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.3184 CENTS/KWH
04/1/18-04/30/18	SOLARSAVER ADJUSTMENT	-0.1464 CENTS/KWH
05/1/18-05/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.3395 CENTS/KWH
05/1/18-05/31/18	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
5/1/2018	INTERIM RATE INCREASE 2016	2.5000 PERCENT ON BASE
06/01/18-06/30/18	PURCHASED POWER ADJUSTMENT CLAUSE	1.6729 CENTS/KWH
6/1/2018	RBA RATE ADJUSTMENT	1.0006 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		
	05/01/18	06/01/18	05/01/18	06/01/18	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
Interim Rate Increase 2016 TY	% on base 2.5000%	2.5000%	\$3.86	\$3.86	\$0.00
RBA Rate Adjustment	¢/kwh 0.6313	1.0006	\$3.16	\$5.00	\$1.84
Purchased Power Adj. Clause	¢/kwh 2.3395	1.6729	\$11.70	\$8.36	-\$3.34
PBF Surcharge	¢/kwh 0.4244	0.4244	\$2.12	\$2.12	\$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 (0.4520)	2.3010	-\$2.26	\$11.51	\$13.77
Green Infrastructure Fee	\$ 1.3400	1.3400	\$1.34	\$1.34	\$0.00
Avg Residential Bill at 500 kwh			\$174.38	\$186.65	

Increase (Decrease -)	\$12.27
% Change	7.04%

	Rate		Charge (\$) at 600 Kwh		
	05/01/18	06/01/18	05/01/18	06/01/18	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
Interim Rate Increase 2016 TY	% on base 2.5000%	2.5000%	\$4.63	\$4.63	\$0.00
RBA Rate Adjustment	¢/kwh 0.6313	1.0006	\$3.79	\$6.00	\$2.21
Purchased Power Adj. Clause	¢/kwh 2.3395	1.6729	\$14.04	\$10.04	-\$4.00
PBF Surcharge	¢/kwh 0.4244	0.4244	\$2.55	\$2.55	\$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 (0.4520)	2.3010	-\$2.71	\$13.81	\$16.52
Green Infrastructure Fee	\$ 1.3400	1.3400	\$1.34	\$1.34	\$0.00
Avg Residential Bill at 600 kwh			\$208.90	\$223.63	

Increase (Decrease -)	\$14.73
% Change	7.05%