



September 28, 2020

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

Dear Commissioners:

Subject: Hawai'i Electric Light Energy Cost Recovery Factor for October 2020

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") Energy Cost Recovery factor for October 2020 is 14.274 cents per kilowatt-hour ("kWh"), a decrease of 0.300 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$169.56, decrease of \$1.45 compared to rates effective September 1, 2020. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$1.48), partially offset by the increase in the Purchased Power Adjustment Clause rate (+\$0.03).

Hawai'i Electric Light's fuel composite cost of generation increased 4.79 cents per million BTU to 998.65 cents per million BTU. The composite cost of distributed generation decreased 14.63 cents per kWh to 0 cents per kWh. The composite cost of purchased energy decreased 0.57 cents per kWh to 12.933 cents per kWh.

The attached sheets set forth the energy cost recovery factor in cents per kWh for each rate schedule that is applicable for pro rata use beginning October 1, 2020.

Sincerely,

/s/ Sharon M. Suzuki

Sharon M. Suzuki
President
Maui County and Hawai'i Island Utilities

Attachments

cc: Division of Consumer Advocacy

HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST RECOVERY FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>9/01/20</u>	<u>10/01/20</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	993.86	998.65	4.79
Dispersed Generation Energy, ¢/kWh	14.630	0.000	(14.63)
Purchased Energy, ¢/kWh	13.506	12.933	(0.57)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	14.569	14.274	(0.30)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	14.569	14.274	(0.30)
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$171.01	\$169.56	(\$1.45)
600 KWH Consumption - \$/Bill	\$204.67	\$202.93	(\$1.74)

HAWAII ELECTRIC LIGHT COMPANY, INC.
ENERGY COST RECOVERY (ECR) FILING

ENERGY COST RECOVERY (ECR) FILING - October 1, 2020 (Page 1 of 2)

Line

1 Effective Date October 1, 2020
2 Supercedes Factors of September 1, 2020

GENERATION COMPONENT

<u>CENTRAL STATION WITH WIND/HYDRO COMPONENT</u>			
FUEL PRICES, ¢/mmbtu			
3			
4	Hill Industrial		802.75
5	Puna Industrial		823.95
6	Keahole Diesel		1,115.71
6a	Keahole ULSD		1,437.63
7	Waimea ULSD Diesel		1,403.53
8	Hilo Diesel		1,068.56
8a	Hilo (Kanoelehua) ULSD Diesel ¹		1,375.34
9	Puna Diesel		1,077.13
10	Wind		0.00
11	Hydro		0.00
BTU MIX, %			
12			
13	Hill Industrial		32.601
14	Puna Industrial		3.553
15	Keahole Diesel		50.699
15a	Keahole ULSD		0.475
16	Waimea ULSD Diesel		0.000
17	Hilo Diesel		3.359
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.000
18	Puna Diesel		9.219
19	Wind		0.000
20	Hydro		0.094
			100.000
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu		998.65
22	% Input to System kWh Mix		51.915
EFFICIENCY FACTOR, mmbtu/kWh			
	(A)	(B)	(C)
			(D)
			Percent of
			Centrl Stn +
			Wind/Hydro
			Weighted
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Eff Factor</u>
		<u>mmbtu/kwh</u>	
23	Industrial	0.014389	36.154
24	Diesel	0.010580	63.752
25	Other	0.011999	0.0940
			0.000011
			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)]		0.0119580
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))		6.19961
28	BASE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/mmbtu		0.00
29	Base % Input to Sys kWh Mix		0.00
30	Efficiency Factor, mmbtu/kwh		0.000000
31	WEIGHTED BASE CENTRAL STATION + WIND/HYDRO GENERATION COST ¢/kWh (Lines (28 x 29 x 30))		0.00000
32	COST LESS BASE (Line 27 - 31)		6.19961
33	Revenue Tax Req Multiplier		1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))		6.80407

<u>DG ENERGY COMPONENT</u>		
35	COMPOSITE COST OF DG ENERGY, ¢/kWh	0.000
36	% Input to System kWh Mix	0.000
37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.00000
38	BASE DG ENERGY COMPOSITE COST	0.000
39	Base % Input to System kWh Mix	0.00
40	WEIGHTED BASE DG ENERGY COST, ¢/kWh (Line 38 x 39)	0.00000
41	Cost Less Base (Line 37 - 40)	0.00000
42	Loss Factor	1.072
43	Revenue Tax Req Multiplier	1.0975
44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.00000

SUMMARY OF TOTAL GENERATION FACTOR, ¢/kWh		
45	Cntrl Stn+Wind/Hydro (line 34)	6.80407
46	DG (line 44)	0.00000
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	6.80407

¹ Hilo ULSD same location as Kanoelehua ULSD

HAWAII ELECTRIC LIGHT COMPANY, INC.
ENERGY COST RECOVERY (ECR) FILING

ENERGY COST RECOVERY (ECR) FILING - October 1, 2020 (Page 2 of 2)

Line	PURCHASED ENERGY COMPONENT			
	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil			
48	HEP		13.141	
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable			
49	PGV	On Peak	11.490	
50	PGV	Off Peak	11.121	
51	PGV - Add'l 5 MW	On Peak	13.250	
52	PGV - Add'l 5 MW	Off Peak	13.250	
53	PGV - Add'l 8 MW	On Peak	10.100	
54	PGV - Add'l 8 MW	Off Peak	6.740	
55	Wailuku Hydro	On Peak	11.490	
56	Wailuku Hydro	Off Peak	11.121	
57	Hawi Renewable Dev.	On Peak	11.490	
58	Hawi Renewable Dev.	Off Peak	11.121	
59	Tawhiri (Pakini Nui)	On Peak	13.250	
60	Tawhiri (Pakini Nui)	Off Peak	12.840	
61	HEP Biodiesel		13.141	
62	Small Hydro (>100 KW)	On Peak	11.490	
63	Small Hydro (>100 KW)	Off Peak	11.121	
64	Sch Q Hydro (<100 KW)		10.990	
65	FIT		23.800	
	PURCHASED ENERGY KWH MIX, %, Fossil			
66	HEP, Fossil		57.501	
	PURCHASED ENERGY KWH MIX, %, Renewable			
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	5.486	
74	Wailuku Hydro	Off Peak	4.144	
75	Hawi Renewable Dev.	On Peak	3.957	
76	Hawi Renewable Dev.	Off Peak	2.160	
77	Tawhiri (Pakini Nui)	On Peak	11.615	
78	Tawhiri (Pakini Nui)	Off Peak	7.983	
79	HEP Biodiesel		6.345	
80	Small Hydro (>100 KW)	On Peak	0.000	
81	Small Hydro (>100 KW)	Off Peak	0.000	
82	Sch Q Hydro (<100 KW)		0.000	
83	FIT		0.809	
			100.000	
83a	Comp. Cost Purchased Energy Fossil, ¢/kWh		13.1410	
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh		12.6507	
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh			
			12.933	
85	% Input to System kWh Mix		48.085	
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))			
			6.21883	
87	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh			
			0.000	
88	Base % Input to Sys kWh Mix		0.00	
89	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))			
			0.00000	
90	COST LESS BASE (Lines (86 - 89))			
			6.21883	
91	Loss Factor		1.072	
92	Revenue Tax *		1.0975	
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))			
			7.31658	
	Derivation of Non-Adjustable Component:			
		93A	Ocean Cargo Insurance Exp, \$000	\$13.1
			HELCO-603, page 1, line 4	
		93B	Revenue Tax Adjustment	1.097514
		93C	Non-Adj Revenues, \$000	\$14.4
		93D	2019 TY Sales, MWh	1,061,718
			HELCO-301	
		93E	Non-Adj Revenues, ¢/kWh	0.00135
	<u>Line</u>	<u>SYSTEM COMPOSITE</u>		
	94	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))		14.12065
	95	Not Used		0.000
	96	Non-Adjustable Component		0.00135
	97	ECA Reconciliation Adjustment		0.152
	98	ECA FACTOR, ¢/kWh (Lines (94 + 95+ 96 + 97))		14.274

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR October 1, 2020

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	50.5731	50.5731
Land Transportation Cost - \$/BBL	--	1.3358
Industrial Costs For Filing - \$/BBL	50.5731	51.9088
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	802.75	823.95

DIESEL FUEL COSTS:

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	61.6432	61.6432	61.6432
Land Transportation Cost - \$/BBL	3.7373	1.4768	0.9743
Diesel Costs For Filing - \$/BBL	65.3805	63.1200	62.6176
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	1,115.71	1,077.13	1,068.56

ULSD FUEL COSTS:

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	77.7602	77.7602	77.7602	77.7602
Land Transportation Cost - \$/BBL	4.6160	2.6620	1.0470	-
ULSD Costs For Filing - \$/BBL	82.3761	80.4222	78.8071	77.7602
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	1,437.63	1,403.53	1,375.34	1,357.07

Dispersed Generation, cents per kWh

	COMPOSITE COST OF DISP. GEN.
BBIs Fuel:	0.0000
\$/BBI Inv Cost:	77.7602
Fuel \$ (Prod Sim Consumption x Unit Cost)	0.00
Net kWh (from Prod Sim)	0
cents/kWh:	0.000

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 08/31/2020	0	0.00	34,643	1,755,070.36			
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	(36,300)	(1,633,219.71)			
Actual	0	0.00	35,090	1,781,128.64			
Consumed: Estimate	0	0.00	42,240	1,965,958.76			
Actual	0	0.00	<u>(40,125)</u>	<u>(1,867,521.19)</u>			
Balance Per G/L 08/31/2020	<u>0</u>	<u>0.00</u>	<u>35,548</u>	<u>2,001,416.86</u>			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	23,442	1,060,515.76			
Consumed	<u>0</u>	<u>0.00</u>	<u>(20,547)</u>	<u>(1,005,736.26)</u>	106.5901	0.0000	106.5901
Balance @ 09/30/2020	0	0.00	38,443	2,056,196.36			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 09/30/2020	<u>0</u>	<u>0.00</u>	<u>38,443</u>	<u>2,056,196.36</u>			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(2,056,196.36)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	1,944,180.99			
Total @ 10/01/2020 Avg Price	<u>0</u>	<u>0.00</u>	<u>38,443</u>	<u>1,944,180.99</u>			

Weighted Avg Cost/BBL by Location #DIV/0! 53.4869

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 50.5731

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 08/31/2020	9,210	471,972.26	12,078.95			
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	(5,161)	(238,616.29)	(6,788.31)			
Actual	4,685	232,648.89	6,003.07			
Consumed: Estimate	5,110	237,832.61	6,803.54			
Actual	<u>(5,785)</u>	<u>(269,248.85)</u>	<u>(7,321.95)</u>			
Balance Per G/L 08/31/2020	<u>8,059</u>	<u>434,588.62</u>	<u>10,775.30</u>			
Purchases	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	14,537	672,615	19,120.66			
Consumed	(11,828)	<u>(578,957.93)</u>	(15,512.47)	48.9481	1.3115	50.2596
Balance @ 09/30/2020	<u>10,768</u>	<u>528,245.42</u>	<u>14,383.49</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>10,768</u>	<u>528,245.42</u>	<u>14,383.49</u>		<u>1.3358</u>	
Reverse Fuel Balance	XXXXXXXXXXXX	(528,245.42)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	544,570.95	XXXXXXXXXXXX			
Total @ 10/01/2020 Avg Price	<u>10,768</u>	<u>544,570.95</u>	<u>14,383.49</u>			

Weighted Avg Cost/BBL by Location

49.0570

1.3358

Weighted Avg Cost/BBL @ Avg Cost

50.5731

1.3358

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 08/31/2020	44,229.8	1,857,653.0	2,735,705.0	158,082.5			
Less: Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate	(4,723.5)	(198,386.0)	(307,181.8)	0.0			
Actual	3,387.7	142,283.0	220,311.6	0.0			
Transfers out: Estimate		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers in: Estimate	(43,922.2)	(1,844,734.0)	(2,661,030.7)	(137,248.2)			
Actual	46,374.9	1,947,744.0	3,198,674.0	173,204.02			
Consumed: Estimate	44,709.2	1,877,786.0	2,487,484.7	162,230.20			
Actual	(49,789.5)	(2,091,157.0)	(3,153,677.7)	(180,719.1)	63.3403		
Balance Per G/L 08/31/2020	40,266.4	1,691,189	2,520,285.15	175,549.34	62.5903		
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	53,060.0	2,228,518.0	3,274,549.0	165,801.7	61.7141		
Consumed	(56,239.5)	(2,362,059.0)	(3,519,781.3)	(201,006.37)	62.5856	3.5741	66.1597
Balance @ 09/30/2020	39,928.5	1,676,999	2,455,755.96	149,224.42	61.5038		
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	39,928.5	1,676,999	2,455,755.96	149,224.42	61.5038		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	(2,455,756.0)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	2,461,324.8	xxxxxxxxxxxxxxxx			
Total @ 10/01/2020 Avg Price	39,928.5	1,676,999	2,461,324.84	149,224.42	61.6432		

Weighted Avg Cost/BBL by Location

61.5038

3.7373

Weighted Avg Cost/BBL @ Avg Cost

61.6432

3.7373

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 08/31/2020	3,141.5	131,943.0	222,675.8	4,568.6			
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	(6,683.5)	(280,707.0)	(419,503.0)	(8,140.5)			
Actual	6,017.1	252,718.0	392,575.0	7,564.6			
Consumed: Estimate	10,150.2	426,309.0	564,727.3	19,523.2			
Actual	(7,222.3)	(303,335.0)	(423,509.3)	(13,891.5)			
Balance Per G/L 08/31/2020	5,403.0	226,928	336,965.83	9,624.38			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	7,128.8	299,409.0	439,769.3	8,682.9	61.6892		
Consumed	(8,856.1)	(371,957)	(554,265.27)	(12,879.09)	62.5856	1.4543	64.0398
Balance @ 09/30/2020	3,675.7	154,380	222,469.89	5,428.15	60.5243		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 09/30/2020	3,675.7	154,380	222,469.89	5,428.15	60.5243		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(222,469.89)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	226,582.92	XXXXXXXXXXXXXXXXXX			
Total @ 10/01/2020 Avg Price	3,675.7	154,380	226,582.92	5,428.15	61.6432		

Weighted Avg Cost/BBL by Location 60.5243 1.4768

Weighted Avg Cost/BBL @ Avg Cost 61.6432 1.4768

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 08/31/2020	1046.5	43,952	62,380	1,616			
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	-567.0	-23813.0	-35642.7	-609.6			
Actual	567.0	23813.0	35651.7	606.4			
Consumed: Estimate	1149.0	48259.0	63928.2	883.7			
Actual	-828.6	-34803.0	-41071.5	-839.6			
Balance Per G/L 08/31/2020	1366.9	57,408	85,245.25	1,656.78	62.3659		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	1880.1	78966.0	117064.1	2021.5	61.2482		
Consumed	-2235.8	-93902.0	-139926.4	-2693.0	62.5856	1.2045	63.7901
Balance @ 09/30/2020	1,011.2	42,472	62,382.87	985.30	61.6896		
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	1,011.2	42,472	62,382.87	985.30	61.6896		
Reverse Fuel Balance		XXXXXXXXXXXX	-62,382.87	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	62,335.99	XXXXXXXXXXXX			
Total @ 10/01/2020 Avg Price	1,011.2	42,472	62,335.99	985.30	61.6432		

Weighted Avg Cost/BBL by Location

61.6896 0.9743

Weighted Avg Cost/BBL @ Avg Cost

61.6432 0.9743

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 08/31/2020	1,929.1	81,024	158,251.01	9,383.35			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	0.0	0	0.00	0.00			
Actual	188.1	7,900	12,232.39	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		(5)	0.00	(0.37)			
Actual		42	0.00	587.76			
Consumed: Estimate	171.9	7,220	13,390.39	679.63			
Actual	(242.6)	(10,189)	(18,896.77)	(904.24)	77.8942		
Balance Per G/L 08/31/2020	2,047.4	85,992	164,977.03	9,746.13	80.5777		
Purchases	0.0	0	0.00	0.00	0.0000		
Estimated Purchases	190.0	7,980	12,215.05	593.71			
Transfer in	0.9	36	0.00	2.68	0.00		
Consumed	(43.0)	(1,808)	(3,522.13)	(209.38)	81.8195	4.8640	86.6835
Balance @ 09/30/2020	2,195.2	92,200	173,669.94	10,133.14	79.1121		
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	2,195.2	92,200	173,669.94	10,133.14	79.1121		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(173,669.94)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	170,702.11	xxxxxxxxxxxx			
Total @ 10/01/2020 Avg Price	2,195.2	92,200	170,702.11	10,133.14	77.7602		
Weighted Avg Cost/BBL by Location			79.1121	4.6160			
Weighted Avg Cost/BBL @ Avg Cost			77.7602	4.6160			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 08/31/2020	575.4	24,165.0	45,792.7	1,571.36			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,915)	(12,255.63)	(490.73)			
Actual		15,819.0	24,494.2	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	3.3	137	0.00	0.00			
Actual	0.2	10	0.00	980.78			
Consumed: Estimate	436.8	18,344	34,021.24	1,194.14			
Actual	(402.4)	(16,900)	(31,343.16)	(1,100.14)			
Balance Per G/L 08/31/2020	801.4	33,660	60,709.37	2,155.40	75.7514		
ULSD Purchases	0.0	0	0.00	0.00	#DIV/0!		
Estimated Purchases	190.0	7,980	12,215.05	494.76			
Transfer in	xxxxxxxxxxxx	35	0.00	0.00	#DIV/0!		
Consumed	(126.8)	(5,327)	(10,377.43)	(346.39)	81.8195	2.7311	84.5506
Balance @ 09/30/2020	865.4	36,348	62,546.99	2,303.77	72.2728		
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	865.4	36,348	62,546.99	2,303.77	72.2728		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(62,546.99)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	67,295.88	xxxxxxxxxxxx			
Total @ 10/01/2020 Avg Price	865.4	36,348	67,295.88	2,303.77	77.7602		

Weighted Avg Cost/BBL by Location

72.2728 2.6620

Weighted Avg Cost/BBL @ Avg Cost

77.7602 2.6620

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 08/31/2020	1,013.2	42,554.0	83,742.7	1,043.0		
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	0.00	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	254.3	10,680	19,807.39	427.96		
Actual	(237.4)	(9,971)	(18,492.47)	(399.55)		
Balance Per G/L 08/31/2020	1,030.1	43,263	85,057.65	1,071.37		
ULSD Purchases	188	7,910	12,107.90	202.50	1.53	
Estimated Purchases	0	-	-	-		
Transfer in	0	6	0.00	0.15		
Consumed	(99.7)	(4,187)	(8,156.62)	(102.62)	81.8194555	1.0294
Balance @ 09/30/2020	1,118.9	46,992	89,008.93	1,171.40		
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	1,118.9	46,992	89,008.93	1,171.40		
Reverse Fuel Balance	x	x	(89,008.93)	x		
Fuel Balance @ Avg Price	x	x	87,002.53	x		
Total @ 10/01/2020 Avg Price	1,118.9	46,992	87,002.53	1,171.40		
Weighted Avg Cost/BBL by Location			79.5534	1.0470		
Weighted Avg Cost/BBL @ Avg Cost			77.7602	1.0470		

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
September 2020

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 08/31/2020	131.8	5,534	10,809.77	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	11.9	498	923.60	
Actual	(17.7)	(744)	(1,125.18)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 08/31/2020	125.90	5,288	10,608.19	84.2557
Purchases	58.9	2,473	3,785.48	64.2904
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(61.6)	(2,587)	(5,039.69)	81.8195
Balance @ 09/30/2020	123.2	5,174	9,353.98	75.9310
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 09/30/2020	123.2	5,174	9,353.98	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(9,353.98)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	9,579.31	xxxx
Total @ 10/01/2020 Avg Price	123.2	5,174	9,579.31	77.7602

HAWAII ELECTRIC LIGHT COMPANY, INC.
CONTRACT PRICES EFFECTIVE September 1, 2020

TYPE OF OIL BURNED

INDUSTRIAL *	<u>Hill Industrial</u>		<u>Puna Industrial</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	54.15	3.4114	54.15	3.4114
Ocean Transportation	47.51	2.9933	47.51	2.9933
Storage	34.07	2.1466	34.07	2.1466
Wharfage	6.35	0.4000	6.35	0.4000
Fees ²	1.43	0.0900	1.43	0.0900
	<u>Hilo Diesel</u>		<u>Waimea Diesel</u>	
DIESEL *	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	68.84	4.0338	68.84	4.0338
Ocean Transportation	51.08	2.9933	51.08	2.9933
Storage	28.41	1.6649	28.41	1.6649
Wharfage	6.83	0.4000	6.83	0.4000
Fees ²	1.54	0.0900	1.54	0.0900
	<u>Kona Diesel</u>		<u>CT3 Diesel</u>	
	<u>¢/MBTU</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>	<u>\$/BBL</u>
Tax ¹	68.84	4.0338	68.84	4.0338
Ocean Transportation	51.08	2.9933	51.08	2.9933
Storage	28.41	1.6649	28.41	1.6649
Wharfage	6.83	0.4000	6.83	0.4000
Fees ²	1.54	0.0900	1.54	0.0900
	<u>ULSD</u>			
ULSD **	<u>¢/MBTU</u>	<u>\$/BBL</u>		
Tax ¹	75.69	4.3372		
Ocean Transportation	0.00	0.0000		
Storage	0.00	0.0000		
Wharfage	0.00	0.0000		
Fees ²	1.57	0.0900		

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

Federal Oil Spill Recovery Fee reinstated as of January 2020.

HGET rate changed to 4.7120% in 2020.

² With the change in supplier to PAR some fees have been taken off the pricing sheet.

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 October 1, 2020

		<u>October 1, 2020</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	11.490	6.560
PGV (22 MW)	- off peak	11.121	5.430
WAILUKU HYDRO	- on peak	11.490	7.240
	off peak	11.121	5.970
Other: (<100 KW)	Sch Q Rate	10.990	

		<u>October 1, 2020</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		13.141	
PGV Addtl 5 MW	- on peak	13.250	0.0000
	- off peak	13.250	0.0000
PGV Addtl 8 MW	- on peak	10.100	0.0000
	- off peak	6.740	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
October 1, 2020

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	\$359,300
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	\$119,767
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	\$131,446
5	Estimated MWh Sales (October 1, 2020)	86,227 mwh
6	Adjustment (Line 4 / Line 5)	0.152 ¢/kwh

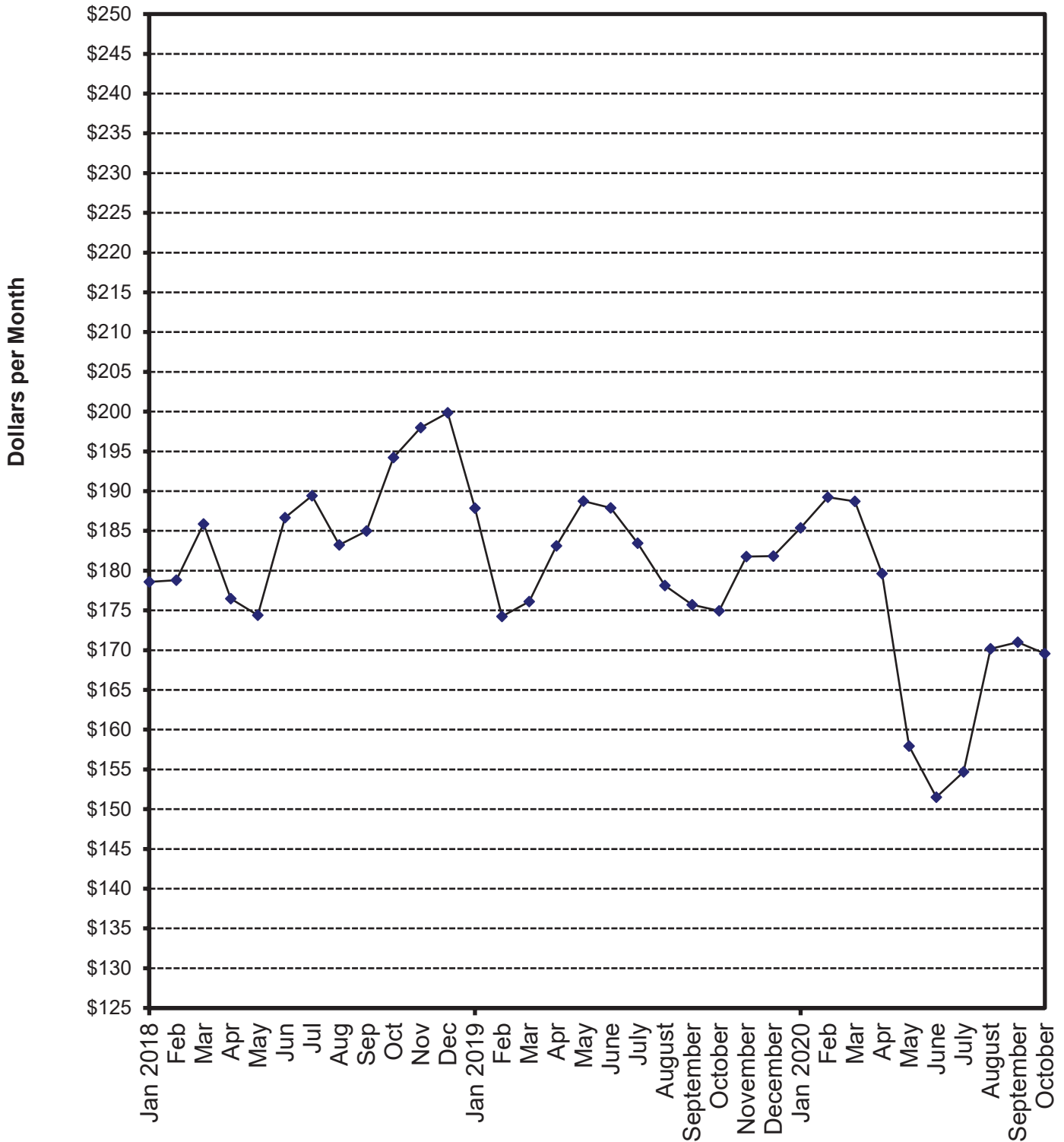
HAWAII ELECTRIC LIGHT COMPANY, INC.
2020 Cumulative Reconciliation Balance

<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>
January 19					(305,667)	(300,243)	32,773
February	2,598,900	[4]	(8,054)	2,606,954	(866,300)	(800,636)	1,839,091
March					(866,300)	(825,091)	1,014,000
April					(866,300)	(829,484)	184,516
May	1,745,900	(1)	112,297	1,633,603	(581,967)	(565,304)	1,252,815
June					(581,967)	(585,631)	667,184
July					(581,967)	(586,240)	80,944
August	3,027,900	[2]	49,815	2,978,085	(1,009,300)	(1,025,775)	2,033,254
September					(1,009,300)	(1,026,151)	1,007,103
October					(1,009,300)	(1,007,209)	(106)
November	1,927,900	[3]	(37,599)	1,965,499	(642,633)	(651,308)	1,314,085
December 19					(642,633)	(646,001)	668,084
January 20					(642,633)	(673,144)	(5,060)
February	141,300	[4]	(9,952)	151,252	(47,100)	(45,511)	100,681
March					(47,100)	(46,650)	54,031
April					(47,100)	(40,115)	13,916
May	2,567,100	(1)	(28,472)	2,595,572	(855,700)	(882,167)	1,727,321
June					(855,700)	(879,772)	847,549
July					(855,700)	(862,349)	(14,800)
August	(359,300)	[2]	(43,554)	(315,746)	119,767	114,005	(216,541)
September					119,767		
October					119,767		

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 @ 500 KWH</u>	<u>RESIDENTIAL BILL (\$) @ 600 KWH</u>
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
July 1, 2018	2.831	189.43	226.97
August 1, 2018	1.665	183.25	219.55
September 1, 2018	2.027	184.98	221.62
October 1, 2018	8.359	194.21	232.50
November 1, 2018	8.913	197.99	237.04
December 1, 2018	9.292	199.86	239.29
January 1, 2019	6.867	187.86	224.86
February 1, 2019	14.631	174.25	208.53
March 1, 2019	14.976	176.1	210.75
April 1, 2019	16.469	183.12	219.17
May 1, 2019	17.396	188.74	225.93
June 1, 2019	17.318	187.89	224.90
July 1, 2019	16.450	183.46	219.63
August 1, 2019	15.331	178.14	213.25
September 1, 2019	14.845	175.70	210.32
October 1, 2019	14.692	174.93	209.40
November 1, 2019	16.302	181.76	217.59
December 1, 2019	16.288	181.82	217.67
January 1, 2020	16.768	185.37	221.88
February 1, 2020	17.547	189.22	226.49
March 1, 2020	17.424	188.72	225.90
April 1, 2020	15.644	179.61	214.96
May 1, 2020	11.215	157.94	188.96
June 1, 2020	10.575	151.51	181.25
July 1, 2020	11.359	154.68	185.07
August 1, 2020	14.389	170.16	203.65
September 1, 2020	14.569	171.01	204.67
October 1, 2020	14.274	169.56	202.93

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
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
07/01/18-07/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	1.6811 CENTS/KWH
7/1/2018- 12/31/18	GREEN INFRASTRUCTURE FEE	1.2100 DOLLARS/MONTH
7/1/2018	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.4658 CENTS/KWH
08/01/18-08/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	1.6110 CENTS/KWH
09/01/18-09/30/18	PURCHASED POWER ADJUSTMENT CLAUSE	1.5950 CENTS/KWH
10/01/18-10/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	1.8602 CENTS/KWH
10/1/2018	INTERIM RATE INCREASE 2016	0.0000 PERCENT ON BASE
10/1/2018	FINAL RATE INCREASE (TY 2016) 0.53% EFFECTIVE 10/01/18, DOCKET NO. 2015-0170	
11/1/2018-11/30/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.0617 CENTS/KWH
12/1/2018-12/31/18	PURCHASED POWER ADJUSTMENT CLAUSE	2.0577 CENTS/KWH
1/1/2019-1/31/19	PURCHASED POWER ADJUSTMENT CLAUSE	2.0548 CENTS/KWH
1/1/2019- 06/30/19	GREEN INFRASTRUCTURE FEE	1.3500 DOLLARS/MONTH
2/1/2019-2/28/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.8113 CENTS/KWH
3/1/2019-3/31/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.8372 CENTS/KWH
04/1/2019-4/30/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.8247 CENTS/KWH
04/1/19-04/30/19	SOLARSAVER ADJUSTMENT	-0.0768 CENTS/KWH
05/01/2019-5/31/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.9460 CENTS/KWH
05/01/2019- 03/31/2020	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/2019-6/30/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.9474 CENTS/KWH
6/1/2019-12/31/2019	RBA RATE ADJUSTMENT	0.9069 CENTS/KWH
7/01/2019-7/31/19	PURCHASED POWER ADJUSTMENT CLAUSE	1.9539 CENTS/KWH
7/1/2019-12/31/2019	GREEN INFRASTRUCTURE FEE	1.1700 DOLLARS/MONTH
7/1/2019-12/31/2019	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.4775 CENTS/KWH
8/1/2019-8/31/2019	PURCHASED POWER ADJUSTMENT CLAUSE	2.0075 CENTS/KWH
9/1/2019-9/30/2019	PURCHASED POWER ADJUSTMENT CLAUSE	2.0060 CENTS/KWH
10/1/2019-10/31/2019	PURCHASED POWER ADJUSTMENT CLAUSE	2.0069 CENTS/KWH
11/1/2019-11/30/2019	PURCHASED POWER ADJUSTMENT CLAUSE	1.7616 CENTS/KWH
12/1/2019-12/31/2019	PURCHASED POWER ADJUSTMENT CLAUSE	1.7884 CENTS/KWH
1/1/2020-1/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7730 CENTS/KWH
1/1/2020-6/30/2020	GREEN INFRASTRUCTURE FEE	1.2500 DOLLARS/MONTH
1/1/2020- 05/31/2020	RBA RATE ADJUSTMENT	0.1852 CENTS/KWH
1/1/2020	INTERIM RATE ADJUSTMENT 2019	4.0900 PERCENT ON BASE
1/1/2020-6/30/2020	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
2/1/2020- 2/29/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7631 CENTS/KWH
3/1/2020- 3/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7883 CENTS/KWH
4/1/2020- 4/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7717 CENTS/KWH
4/1/2020- 4/30/2020	SOLARSAVER ADJUSTMENT	-0.0267 CENTS/KWH
05/01/2020-5/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8396 CENTS/KWH
5/1/2020	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/2020-6/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8413 CENTS/KWH
6/1/2020	RBA RATE ADJUSTMENT	-0.4623 CENTS/KWH
07/01/2020-7/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8592 CENTS/KWH
7/1/2020	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.5882 CENTS/KWH
7/1/2020	GREEN INFRASTRUCTURE FEE	1.1900 DOLLARS/MONTH
8/1/2020-8/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9261 CENTS/KWH
9/1/2020-9/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9161 CENTS/KWH
10/1/2020-10/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9222 CENTS/KWH

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

Calculations of the Average Residential Customer Bill

	Rate		Charge (\$) at 500 Kwh			
	9/01/20	10/01/20	9/01/20	10/01/20	Difference	
Base Rates	effective date:	2/1/2019	2/1/2019			
Base Fuel Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$71.85	\$71.85	\$0.00
First 300 kWh per month	¢/kwh	13.0289	13.0289	\$39.09	\$39.09	\$0.00
Next 700 kWh per month	¢/kwh	16.3807	16.3807	\$32.76	\$32.76	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$83.35	\$83.35	\$0.00
Interim Rate Adjustment 2019 TY	% on base	4.0900%	4.0900%	\$3.41	\$3.41	\$0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2.31	-\$2.31	\$0.00
Purchased Power Adj. Clause	¢/kwh	1.9161	1.9222	\$9.58	\$9.61	\$0.03
PBF Surcharge	¢/kwh	0.5882	0.5882	\$2.94	\$2.94	\$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 Recovery	¢/kwh	14.5690	14.2740	\$72.85	\$71.37	-\$1.48
Green Infrastructure Fee	\$	1.1900	1.1900	\$1.19	\$1.19	\$0.00
Avg Residential Bill at 500 kwh				\$171.01	\$169.56	

Increase (Decrease -)	-\$1.45
% Change	-0.85%

	Rate		Charge (\$) at 600 Kwh			
	9/01/20	10/01/20	9/01/20	10/01/20	Difference	
Base Rates	effective date:	2/1/2019	2/1/2019			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$88.23	\$88.23	\$0.00
First 300 kWh per month	¢/kwh	13.0289	13.0289	\$39.09	\$39.09	\$0.00
Next 700 kWh per month	¢/kwh	16.3807	16.3807	\$49.14	\$49.14	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$99.73	\$99.73	\$0.00
Interim Rate Adjustment 2019 TY	% on base	4.0900%	4.0900%	\$4.08	\$4.08	\$0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2.77	-\$2.77	\$0.00
Purchased Power Adj. Clause	¢/kwh	1.9161	1.9222	\$11.50	\$11.53	\$0.03
PBF Surcharge	¢/kwh	0.5882	0.5882	\$3.53	\$3.53	\$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 Recovery	¢/kwh	14.5690	14.2740	\$87.41	\$85.64	-\$1.77
Green Infrastructure Fee	\$	1.1900	1.1900	\$1.19	\$1.19	\$0.00
Avg Residential Bill at 600 kwh				\$204.67	\$202.93	

Increase (Decrease -)	-\$1.74
% Change	-0.85%

From: puc@hawaii.gov
Sent: Monday, September 28, 2020 3:15 PM
To: Watanabe, Blaine
Subject: Hawaii PUC eFiling Confirmation of Filing

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