



December 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 January 2021

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") Energy Cost Recovery factor for January 2021 is 13.543 cents per kilowatt-hour ("kWh"), an increase of 0.511 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$164.41, an increase of \$2.54 compared to rates effective December 1, 2020. The increase in the residential bill is due to the increase in the Energy Cost Recovery Factor (+\$2.56) and increase in the Green Infrastructure Fee (+\$0.06), partially offset by the decrease in the Purchased Power Adjustment Clause rate (-\$0.08).

Hawai'i Electric Light's fuel composite cost of generation increased 29.25 cents per million BTU to 987.00 cents per million BTU. The composite cost of distributed generation decreased 12.993 cents per kWh to 0.00 cents per kWh. The composite cost of purchased energy increased 0.592 cents per kWh to 12.291 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 January 1, 2021.

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>12/01/20</u>	<u>1/01/21</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	957.75	987.00	29.25
Dispersed Generation Energy, ¢/kWh	12.993	0.000	(12.993)
Purchased Energy, ¢/kWh	11.699	12.291	0.592
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	13.032	13.543	0.511
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	13.032	13.543	0.511
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$161.87	\$164.41	\$2.54
600 KWH Consumption - \$/Bill	\$193.70	\$196.74	\$3.04

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2021 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	January 1, 2021
2	Supercedes Factors of	December 1, 2020

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT			
FUEL PRICES, ¢/mmbtu			
3			
4	Hill Industrial	875.69	
5	Puna Industrial	898.65	
6	Keahole Diesel	1,091.15	
6a	Keahole ULSD	1,268.12	
7	Waimea ULSD Diesel	1,279.19	
8	Hilo Diesel	1,074.66	
8a	Hilo (Kanoelehua) ULSD Diesel ¹	1,250.14	
9	Puna Diesel	1,078.90	
10	Wind	0.00	
11	Hydro	0.00	
BTU MIX, %			
12			
13	Hill Industrial	37.570	
14	Puna Industrial	11.424	
15	Keahole Diesel	45.855	
15a	Keahole ULSD	0.126	
16	Waimea ULSD Diesel	0.211	
17	Hilo Diesel	0.373	
17a	Hilo (Kanoelehua) ULSD Diesel ¹	0.071	
18	Puna Diesel	4.245	
19	Wind	0.000	
20	Hydro	0.125	
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu	987.00	
22	% Input to System kWh Mix	51.151	
EFFICIENCY FACTOR, mmbtu/kWh			
	(A)	(B)	(C) (D)
		Eff Factor	Percent of Centrl Stn + Weighted
	<u>Fuel Type</u>	<u>mmbtu/kwh</u>	<u>Wind/Hydro</u> <u>Eff Factor</u>
23	Industrial	0.014389	48.994 0.007050
24	Diesel	0.010580	50.881 0.005383
25	Other	0.011999	0.125 0.000015
	(Lines 23, 24, 25): Col(B) x Col(C) = Col(D)		100.0000
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]		0.0124480
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))		6.28450
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)		6.28450
33	Revenue Tax Req Multiplier		1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))		6.89724

DG ENERGY COMPONENT		
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	1.062
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)	6.89724	
46	DG (line 44)	0.00000	
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	6.89724	6.89724

¹ Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2021 (Page 2 of 2)

<u>Line</u> PURCHASED ENERGY COMPONENT		<u>Line</u> Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil		
48	HEP	13.652	
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable		
49	PGV On Peak	11.093	
50	PGV Off Peak	10.543	
51	PGV - Add'l 5 MW On Peak	13.450	
52	PGV - Add'l 5 MW Off Peak	13.450	
53	PGV - Add'l 8 MW On Peak	6.840	
54	PGV - Add'l 8 MW Off Peak	6.840	
55	Wailuku Hydro On Peak	11.093	
56	Wailuku Hydro Off Peak	10.543	
57	Hawi Renewable Dev. On Peak	11.093	
58	Hawi Renewable Dev. Off Peak	10.543	
59	Tawhiri (Pakini Nui) On Peak	13.330	
60	Tawhiri (Pakini Nui) Off Peak	12.840	
61	HEP Biodiesel	13.652	
62	Small Hydro (>100 KW) On Peak	11.093	
63	Small Hydro (>100 KW) Off Peak	10.543	
63a	CBRE	15.000	
64	Sch Q Hydro (<100 KW)	10.470	
65	FIT	23.800	
	PURCHASED ENERGY KWH MIX, %,		
66	HEP, Fossil	24.727	
	PURCHASED ENERGY KWH MIX, %, Renewable		
67	PGV On Peak	24.410	
68	PGV Off Peak	15.344	
69	PGV - Addt'l On Peak	2.929	
70	PGV - Addt'l Off Peak	3.469	
71	PGV - Add'l 8 MW On Peak	0.000	
72	PGV - Add'l 8 MW Off Peak	0.694	
73	Wailuku Hydro On Peak	1.712	
74	Wailuku Hydro Off Peak	1.227	
75	Hawi Renewable Dev. On Peak	2.712	
76	Hawi Renewable Dev. Off Peak	1.782	
77	Tawhiri (Pakini Nui) On Peak	7.456	
78	Tawhiri (Pakini Nui) Off Peak	5.731	
79	HEP Biodiesel	6.573	
80	Small Hydro (>100 KW) On Peak	0.000	
81	Small Hydro (>100 KW) Off Peak	0.000	
81a	CBRE	0.298	
82	Sch Q Hydro (<100 KW)	0.158	
83	FIT	0.778	
		100.000	
83a	Comp. Cost Purchased Energy Fossil, ¢/kWh	13.6520	
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	11.8436	
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	12.291	
85	% Input to System kWh Mix	48.849	
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	6.00403	
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))	6.00403	
91	Loss Factor	1.062	
92	Revenue Tax *	1.0975	
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	6.99797	
94	Baseline IFO		
	IFO \$, baseline month		\$2,221,399
95	IFO mmbtu, baseline		252,133
96	Baseline IFO, ¢/mmbtu		881.04
	Baseline Diesel		
97	Diesel \$, baseline month		\$2,857,743
98	Diesel mmbtu, baseline		261,831
99	Baseline Diesel, ¢/mmbtu		1,091.44
	Month IFO		
100	IFO mmbtu, budget		252,133
101	IFO Cost, ¢/mmbtu		881.04
102	IFO ECRC Fossil Cost		\$2,221,399
103	IFO Base ECRC Recovery Target		\$2,221,399
104	IFO differential		\$0
	Month Diesel		
105	Diesel mmbtu, budget		261,831
106	Diesel Cost, ¢/mmbtu		1,091.44
107	Diesel ECRC Fossil Cost		\$2,857,743
108	Diesel Base ECRC Recovery Target		\$2,857,743
109	Diesel differential		\$0
110	Total Fossil		\$0
111	2% of above		\$0
112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year		\$0
113	Maximum Annual Cap (bi-directional)		\$600,000
114	Number of Days in year from implementation		365
115	Fossil Risk % Proration (based on 365 day year)		100.00%
116	Maximum Annual Cap (bi-directional) prorated		\$600,000
117	Applicable Monthly Fossil Fuel Cost Risk Sharing		\$0
118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month		\$0
119	Fossil Cost Risk Sharing before taxes		\$0
120	Revenue Tax Adjustment		1.097514
121	Fossil Cost Risk Sharing w/revenue tax		\$0
122	Forecasted Month MWh Sales		81,082
123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh		0.0000
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
SYSTEM COMPOSITE			
124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))		13.89521
125	Fossil Fuel Cost Risk Sharing Component (Line 123)		0.000
126	Non-Adjustable Component (Line 93E)		0.00135
127	ECA Reconciliation Adjustment		(0.354)
128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))		13.543

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR January 1, 2021

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	55.1687	55.1687
Land Transportation Cost - \$/BBL	--	1.4465
<hr/>		
Industrial Costs For Filing - \$/BBL	55.1687	56.6152
Conversion Factors - mmbtu/BBL	6.30	6.30
<hr/>		
Industrial Costs For Filing - ¢/mmbtu	875.69	898.65
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DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	62.0276	62.0276	62.0276
Land Transportation Cost - \$/BBL	1.9140	1.1961	0.9472
<hr/>			
Diesel Costs For Filing - \$/BBL	63.9416	63.2237	62.9749
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
<hr/>			
Diesel Costs For Filing - ¢/mmbtu	1,091.15	1,078.90	1,074.66
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ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	70.6779	70.6779	70.6779	70.6779
Land Transportation Cost - \$/BBL	1.9856	2.6194	0.9552	-
<hr/>				
ULSD Costs For Filing - \$/BBL	72.6635	73.2973	71.6331	70.6779
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
<hr/>				
ULSD Costs For Filing - ¢/mmbtu	1,268.12	1,279.19	1,250.14	1,233.47
<hr/> <hr/>				

Dispersed Generation, cents per kWh

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	0.0000
\$/BBI Inv Cost:	70.6779
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
December 2020

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 11/30/2020	0	0.00	43,130	2,281,657.97			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	(33,367)	(1,634,342.52)			
Actual	0	0.00	27,525	1,407,230.57			
Consumed: Estimate	0	0.00	27,462	1,436,282.67			
Actual	0	0.00	(26,009)	(1,380,528.73)			
Balance Per G/L 11/30/2020	0	0.00	38,741	2,110,299.96			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	30,423	1,647,944.80			
Consumed	0	0.00	(29,558)	(1,620,066.69)	106.5901	0.0000	106.5901
Balance @ 12/31/2020	0	0.00	39,606	2,138,178.07			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 12/31/2020	0	0.00	39,606	2,138,178.07			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(2,138,178.07)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	2,185,011.10			
Total @ 01/01/2021 Avg Price	0	0.00	39,606	2,185,011.10			

Weighted Avg Cost/BBL by Location #DIV/0! 53.9862

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 55.1687

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

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 11/30/2020	9,728	550,170.58	13,648.87			
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	(5,271)	(278,731.44)	(6,933.00)			
Actual	4,899	264,189.60	6,693.61			
Consumed: Estimate	4,423	231,326.13	6,243.36			
Actual	<u>(5,515)</u>	<u>(316,798.23)</u>	<u>(7,369.27)</u>			
Balance Per G/L 11/30/2020	<u>8,264</u>	<u>450,156.65</u>	<u>12,283.57</u>			
Purchases	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	3,134	151,212	4,122.18			
Consumed	(1,875)	<u>(102,768.29)</u>	(2,630.72)	54.8098	1.4031	56.2128
Balance @ 12/31/2020	<u>9,523</u>	<u>498,600.39</u>	<u>13,775.03</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>9,523</u>	<u>498,600.39</u>	<u>13,775.03</u>		<u>1.4465</u>	
Reverse Fuel Balance	XXXXXXXXXXXX	(498,600.39)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	525,371.43	XXXXXXXXXXXX			
Total @ 01/01/2021 Avg Price	<u>9,523</u>	<u>525,371.43</u>	<u>13,775.03</u>			
Weighted Avg Cost/BBL by Location		52.3575	1.4465			
Weighted Avg Cost/BBL @ Avg Cost		55.1687	1.4465			

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

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2020	43,224.9	1,815,445.0	2,442,520.3	137,246.8			
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	(56,144.0)	(2,358,048.0)	(3,189,028.4)	(175,438.8)			
Actual	55,154.0	2,316,469.0	3,262,315.1	177,830.95			
Consumed: Estimate	56,915.1	2,390,436.0	3,260,602.9	126,351.62			
Actual	(55,060.4)	(2,312,537.0)	(3,299,263.4)	(186,956.6)	59.9208		
Balance Per G/L 11/30/2020	44,089.6	1,851,765	2,477,146.46	79,033.97	56.1843		
Purchases	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer in	59,601.6	2,503,269.0	3,671,384.8	186,243.2	61.5987		
Consumed	(52,975.5)	(2,224,970.0)	(2,989,087.5)	(168,206.68)	56.4240	3.1752	59.5992
Balance @ 12/31/2020	50,715.8	2,130,064	3,159,443.67	97,070.50	62.2970		
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	50,715.8	2,130,064	3,159,443.67	97,070.50	62.2970		
Reverse Fuel Balance	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	(3,159,443.7)	xxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	3,145,781.0	xxxxxxxxxxxxxx			
Total @ 01/01/2021 Avg Price	50,715.8	2,130,064	3,145,780.96	97,070.50	62.0276		

Weighted Avg Cost/BBL by Location	62.2970	1.9140
Weighted Avg Cost/BBL @ Avg Cost	62.0276	1.9140

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

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2020	3,327.3	139,748.0	180,190.1	3,802.7			
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	(3,043.5)	(127,825.0)	(165,419.2)	(3,706.9)			
Actual	4,525.4	190,065.0	259,812.8	5,511.1			
Consumed: Estimate	4,312.2	181,112.0	247,040.4	4,276.6			
Actual	(3,992.2)	(167,672.0)	(233,441.4)	(3,959.2)			
Balance Per G/L 11/30/2020	5,129.2	215,428	288,182.74	5,924.18			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	2,876.4	120,809.0	180,831.4	3,503.5	62.8672		
Consumed	(2,777.5)	(116,653)	(156,714.94)	(3,174.22)	56.4240	1.1429	57.5668
Balance @ 12/31/2020	5,228.2	219,584	312,299.23	6,253.42	59.7337		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 12/31/2020	5,228.2	219,584	312,299.23	6,253.42	59.7337		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(312,299.23)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	324,292.21	XXXXXXXXXXXXXXXXXX			
Total @ 01/01/2021 Avg Price	5,228.2	219,584	324,292.21	6,253.42	62.0276		

Weighted Avg Cost/BBL by Location 59.7337 1.1961

Weighted Avg Cost/BBL @ Avg Cost 62.0276 1.1961

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

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2020	1192.3	50,078	67,931	1,168			
Less: Est'd Inven Addition	0.0	0	0	0			
Purchases: Estimate		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Actual		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Actual		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfers in: Estimate	-943.2	-39614.0	-54042.4	-1014.1			
Actual	942.3	39575.0	54062.0	1012.3			
Consumed: Estimate	934.6	39255.0	53544.6	914.2			
Actual	-666.5	-27995.0	-39494.3	-719.4			
Balance Per G/L 11/30/2020	1459.5	61,299	82,001.01	1,361.04	56.1843		
Purchases		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer out		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer in	189.0	7938.0	11761.7	203.2	#DIV/0!		
Consumed	-84.0	-3529.0	-4741.0	-82.3	56.4240	0.9797	57.4037
Balance @ 12/31/2020	1,564.5	65,708	89,021.75	1,481.94	56.9019		
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	1,564.5	65,708	89,021.75	1,481.94	56.9019		
Reverse Fuel Balance		XXXXXXXXXX	XXXXXXXXXX	-89,021.75	XXXXXXXXXX		
Fuel Balance @ Avg Price		XXXXXXXXXX	XXXXXXXXXX	97,040.73	XXXXXXXXXX		
Total @ 01/01/2021 Avg Price	1,564.5	65,708	97,040.73	1,481.94	62.0276		

Weighted Avg Cost/BBL by Location

56.9019 0.9472

Weighted Avg Cost/BBL @ Avg Cost

62.0276 0.9472

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

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2020	2,012.5	84,525	149,900.39	4,643.28			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(188.7)	(7,924)	(11,040.71)	(589.55)			
Actual	188.7	7,924	11,040.71	0.00			
Transfers out: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers in: Estimate		33	0.00	2.46			
Actual		34	0.00	589.55			
Consumed: Estimate	310.2	13,027	23,327.29	688.57			
Actual	(264.4)	(11,103)	(23,620.93)	(1,641.77)	89.3523		
Balance Per G/L 11/30/2020	2,059.9	86,516	149,606.75	3,692.53	72.6280		
Purchases	189.1	7,943	11,783.71	590.96	0.0000		
Estimated Purchases	190.0	7,980	11,838.60	593.71			
Transfer in	0.7	30	0.00	2.23	0.00		
Consumed	(108.8)	(4,570)	(7,906.15)	(251.05)	72.6605	2.3072	74.9677
Balance @ 12/31/2020	2,330.9	97,899	165,322.91	4,628.39	70.9258		
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	2,330.9	97,899	165,322.91	4,628.39	70.9258		
Reverse Fuel Balance	XXXXXXXXXXXX	XXXXXXXXXXXX	(165,322.91)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	XXXXXXXXXXXX	164,745.14	XXXXXXXXXXXX			
Total @ 01/01/2021 Avg Price	2,330.9	97,899	164,745.14	4,628.39	70.6779		
Weighted Avg Cost/BBL by Location			70.9258	1.9856			
Weighted Avg Cost/BBL @ Avg Cost			70.6779	1.9856			

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

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 11/30/2020	744.0	31,246.0	48,707.3	1,958.45			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,980)	(11,118.73)	(494.76)			
Actual		7,936.0	11,057.4	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(0.2)	(9)	0.00	0.00			
Actual	0.5	23	0.00	492.03			
Consumed: Estimate	196.1	8,237	14,749.89	518.75			
Actual	(247.2)	(10,383)	(13,126.98)	(653.90)			
Balance Per G/L 11/30/2020	692.1	29,070	50,268.95	1,820.57	72.6280		
ULSD Purchases	188.9	7,933	11,768.47	491.85	62.3063		
Estimated Purchases	190.0	7,980	11,838.19	494.76			
Transfer in	xxxxxxxxxxxx	5	0.00	0.00	#DIV/0!		
Consumed	(105.5)	(4,431)	(7,665.68)	(277.73)	72.6605	2.6325	75.2930
Balance @ 12/31/2020	965.6	40,557	66,209.94	2,529.44	68.5657		
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	965.6	40,557	66,209.94	2,529.44	68.5657		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(66,209.94)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	68,249.61	xxxxxxxxxxxx			
Total @ 01/01/2021 Avg Price	965.6	40,557	68,249.61	2,529.44	70.6779		
Weighted Avg Cost/BBL by Location			68.5657	2.6194			
Weighted Avg Cost/BBL @ Avg Cost			70.6779	2.6194			

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

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP		
Balance at 11/30/2020	1,098.3	46,129.0	80,569.2	955.1		
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	(188.5)	(7,916)	(11,029.56)	(202.65)		
Actual	188.5	7,916	11,029.56	0.00		
Transfers out: Estimate		x	x	x		
Actual		x	x	x		
Transfers in: Estimate		77	0.00	1.97		
Actual		(77)	0.00	202.65		
Consumed: Estimate	132.9	5,582	9,995.62	114.37		
Actual	(128.7)	(5,404)	(10,488.95)	(43.24)		
Balance Per G/L 11/30/2020	1,102.5	46,307	80,075.82	1,028.17		
ULSD Purchases	189	7,937	11,774.41	203.19	1.48	
Estimated Purchases	0	-	-	-		
Transfer in	(16)	(668)	0.00	(17.10)		
Consumed	(49.5)	(2,081)	(3,600.15)	(43.09)	72.66048772	0.8696
Balance @ 12/31/2020	1,226.1	51,495	88,250.08	1,171.17		
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	1,226.1	51,495	88,250.08	1,171.17		
Reverse Fuel Balance	x	x	(88,250.08)	x		
Fuel Balance @ Avg Price	x	x	86,656.15	x		
Total @ 01/01/2021 Avg Price	1,226.1	51,495	86,656.15	1,171.17		
Weighted Avg Cost/BBL by Location			71.9779	0.9552		
Weighted Avg Cost/BBL @ Avg Cost			70.6779	0.9552		

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

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 11/30/2020	123.6	5,191	9,892.49	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	10.8	452	809.39	
Actual	(11.3)	(473)	(1,761.72)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 11/30/2020	123.10	5,170	8,940.16	72.6280
Purchases	33.6	1,411	2,093.20	62.3064
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(45.8)	(1,924)	(3,328.54)	72.6605
Balance @ 12/31/2020	110.9	4,657	7,704.82	69.4873
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 12/31/2020	110.9	4,657	7,704.82	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(7,704.82)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	7,836.83	xxxx
Total @ 01/01/2021 Avg Price	110.9	4,657	7,836.83	70.6779

Hawaii Electric Light Company, Inc.
PURCHASED POWER PRICES FOR January 1, 2021

		<u>January 1, 2021</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	11.093	6.560
PGV (22 MW)	- off peak	10.543	5.430
WAILUKU HYDRO	- on peak	11.093	7.240
	off peak	10.543	5.970
Other: (<100 KW)	Sch Q Rate	10.470	
		<u>January 1, 2021</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		13.652	
PGV Addtl 5 MW	- on peak	13.450	0.0000
	- off peak	13.450	0.0000
PGV Addtl 8 MW	- on peak	6.840	0.0000
	- off peak	6.840	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
January 1, 2021

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	(\$784,000)
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	(\$261,333)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$286,817)
5	Estimated MWh Sales (January 1, 2021)	81,082 mwh
6	Adjustment (Line 4 / Line 5)	(0.354) ¢/kwh

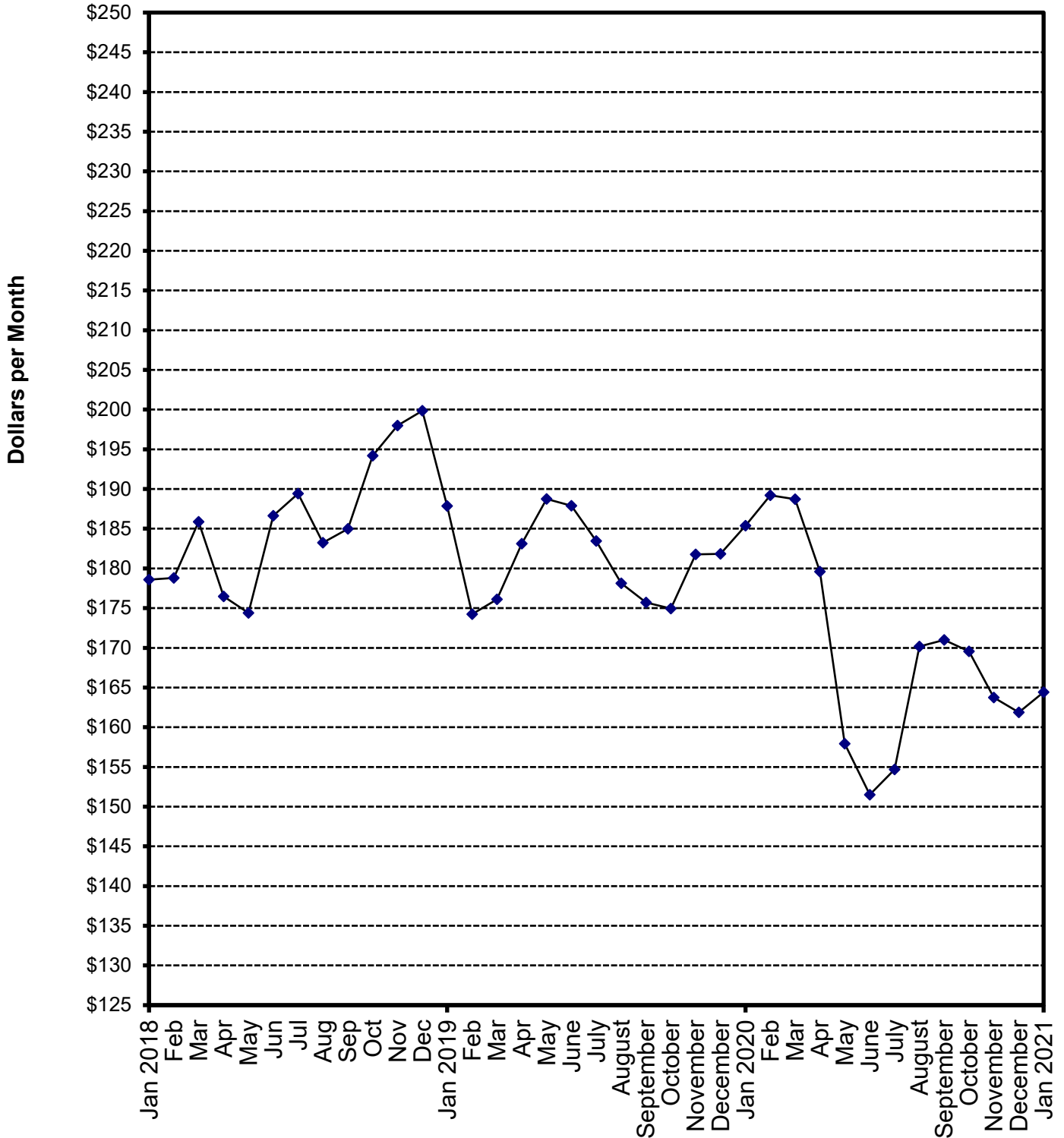
HAWAII ELECTRIC LIGHT COMPANY, INC.
2020 Cumulative Reconciliation Balance

Month	(1) YTD FOA Reconciliation	Qtr	(2) FOA Rec Adjust Variance	(3) FOA Rec Less Variance	(4) Try to Collect	(5) Actual Collect	(6) Month-end Cumulative Balance
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	115,511	(101,030)
October					119,767	117,423	16,393
November	784,000	[3]	(16,667)	800,667	(261,333)	(266,872)	550,188
December					(261,333)		
January 21					(261,333)		

NOTES:

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

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



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

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR CENTS / KWH</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>RESIDENTIAL & COMMERCIAL</u>	<u>@ 500 KWH</u>	<u>@ 600 KWH</u>	
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	
November 1, 2020	13.426	163.74	195.96	
December 1, 2020	13.032	161.87	193.70	
January 1, 2021	13.543	164.41	196.74	

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
1/1/2020-10/31/2020	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
7/1/2020-12/31/2020	GREEN INFRASTRUCTURE FEE	1.19 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
11/1/2020-11/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9106 CENTS/KWH
11/1/2020	Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395	
12/1/2020-12/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9291 CENTS/KWH
1/1/2021-1/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.9133 CENTS/KWH
1/1/2021	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH

**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			
	12/01/20	1/01/21	12/01/20	1/01/21	Difference	
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$73.74	\$73.74	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$33.52	\$33.52	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$85.24	\$85.24	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2.31	-\$2.31	\$0.00
Purchased Power Adj. Clause	¢/kwh	1.9291	1.9133	\$9.65	\$9.57	-\$0.08
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	13.0320	13.5430	\$65.16	\$67.72	\$2.56
Green Infrastructure Fee	\$	1.19	1.25	\$1.19	\$1.25	\$0.06
Avg Residential Bill at 500 kwh				\$161.87	\$164.41	
				Increase (Decrease -)	\$2.54	
				% Change	1.57%	

	Rate		Charge (\$) at 600 Kwh			
	12/01/20	1/01/21	12/01/20	1/01/21	Difference	
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$90.49	\$90.49	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$101.99	\$101.99	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2.77	-\$2.77	\$0.00
Purchased Power Adj. Clause	¢/kwh	1.9291	1.9133	\$11.57	\$11.48	-\$0.09
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	13.0320	13.5430	\$78.19	\$81.26	\$3.07
Green Infrastructure Fee	\$	1.19	1.25	\$1.19	\$1.25	\$0.06
Avg Residential Bill at 600 kwh				\$193.70	\$196.74	
				Increase (Decrease -)	\$3.04	
				% Change	1.57%	

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