



December 28, 2021

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 2022

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") January 2022 Energy Cost Recovery factor is 20.942 cents per kilowatt-hour ("kWh"), an increase of 0.393 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$210.36, an increase of \$7.49 compared to rates effective December 1, 2021. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$1.96), an increase in the RBA Adjustment (+\$5.34), an increase in the Green Infrastructure Fee (+\$0.06), and an increase in the Purchase Power Adjustment (+\$0.13).

Hawai'i Electric Light's fuel composite cost of generation decreased 23.82 cents per million BTU to 1,600.69 cents per million BTU. The composite cost of distributed generation increased to 16.598 cents per kWh. The composite cost of purchased energy increased 0.114 cents per kWh to 16.206 cents per kWh.

The attached sheets set forth the fuel adjustment in cents per kWh for each rate schedule that is applicable for pro rata use beginning January 1, 2022.

Very truly yours,

/s/ Dean K. Matsuura

Dean K. Matsuura  
Director, Regulatory Rate Proceedings

Attachments

cc: Division of Consumer Advocacy

## HAWAII ELECTRIC LIGHT COMPANY, INC.

ENERGY COST RECOVERY FACTOR

	<u>EFFECTIVE DATES</u>		
	<u>12/01/21</u>	<u>1/01/22</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,624.51	1,600.69	(23.82)
Dispersed Generation Energy, ¢/kWh	0.00	16.598	16.598
Purchased Energy, ¢/kWh	16.092	16.206	0.114
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	20.549	20.942	0.393
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	20.549	20.942	0.393
Residential Customer with:			
500 KWH Consumption - \$/Bill	202.87	\$210.36	\$7.49
600 KWH Consumption - \$/Bill	242.91	\$251.90	\$8.99

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2022 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	January 1, 2022
2	Supercedes Factors of	December 1, 2021

**GENERATION COMPONENT**

<b>CENTRAL STATION WITH WIND/HYDRO COMPONENT</b>						
FUEL PRICES, $\phi$ /mmbtu						
3						
4	Hill Industrial		1,369.97			
5	Puna Industrial		1,394.51			
6	Keahole Diesel		1,907.92			
6a	Keahole ULSD		1,679.59			
7	Waimea ULSD Diesel		1,663.36			
8	Hilo Diesel		1,864.69			
8a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>		1,637.74			
9	Puna Diesel		1,859.59			
10	Wind		0.00			
11	Hydro		0.00			
BTU MIX, %						
12						
13	Hill Industrial		35.618			
14	Puna Industrial		12.793			
15	Keahole Diesel		44.743			
15a	Keahole ULSD		0.272			
16	Waimea ULSD Diesel		0.012			
17	Hilo Diesel		0.124			
17a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>		0.500			
18	Puna Diesel		3.517			
19	Wind		0.000			
20	Hydro		2.421			
			<b>100.00000</b>			
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO $\phi$ /mmbtu		1,600.69			
22	% Input to System kWh Mix		53.229			
EFFICIENCY FACTOR, mmbtu/kWh						
	(A)	(B)	(C)	(D)		
		Eff Factor	Percent of Centrl Stn + Wind/Hydro	Weighted Eff Factor		
	<u>Fuel Type</u>	<u>mmbtu/kwh</u>	<u>Wind/Hydro</u>			
23	Industrial	0.014663	48.411	0.007098		
24	Diesel	0.010557	49.168	0.005191		
25	Other	0.012087	2.421	0.000293		
			100.0000			
26	Weighted Efficiency Factor, mmbtu/kWh [(Lines 23(D) + 24(D) + 25(D))]			0.0125820		
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, $\phi$ /kWh (Lines (21 x 22 x 26))			10.72026		
28	BASE CENTRAL STATION + WIND/HYDRO GENERATION COST, $\phi$ /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 $\phi$ /kWh (Lines (28 x 29 x 30))			0.00000		
32	COST LESS BASE (Line 27 - 31)			10.72026		
33	Revenue Tax Req Multiplier			1.0975		
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, $\phi$ /kWh (Line (32 x 33))			11.76549		
				<b>DG ENERGY COMPONENT</b>		
				35	COMPOSITE COST OF DG ENERGY, $\phi$ /kWh	16.598
				36	% Input to System kWh Mix	0.040
				37	WEIGHTED COMPOSITE DG ENERGY COST, $\phi$ /kWh (Lines 35 x 36)	0.00664
				38	BASE DG ENERGY COMPOSITE COST	0.000
				39	Base % Input to System kWh Mix	0.00
				40	WEIGHTED BASE DG ENERGY COST, $\phi$ /kWh (Line 38 x 39)	0.00000
				41	Cost Less Base (Line 37 - 40)	0.00664
				42	Loss Factor	1.062
				43	Revenue Tax Req Multiplier	1.0975
				44	DG FACTOR, $\phi$ /kWh (Line 41 x 42 x 43)	0.00774
				<b>SUMMARY OF</b>		
				TOTAL GENERATION FACTOR, $\phi$ /kWh		
				45	Cntrl Stn+Wind/Hydro (line 34)	11.76549
				46	DG (line 44)	0.00774
				47	TOTAL GENERATION FACTOR, $\phi$ /kWh (lines 45 + 46)	11.77323

<sup>1</sup> Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2022 (Page 2 of 2)

Line	PURCHASED ENERGY COMPONENT		Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil			<b>Baseline IFO</b>	
48	HEP	22.614	94	IFO \$, baseline month	\$3,767,797
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable		95	IFO mmbtu, baseline	273,732
49	PGV	18.370	96	Baseline IFO, ¢/mmbtu	1376.45
50	PGV	19.127		<b>Baseline Diesel</b>	
51	PGV - Add'l 5 MW	13.650	97	Diesel \$, baseline month	\$5,283,114
52	PGV - Add'l 5 MW	13.650	98	Diesel mmbtu, baseline	278,017
53	PGV - Add'l 8 MW	6.940	99	Baseline Diesel, ¢/mmbtu	1,900.28
54	PGV - Add'l 8 MW	6.940		<b>Month IFO</b>	
55	Wailuku Hydro	18.370	100	IFO mmbtu, budget	273,732
56	Wailuku Hydro	19.127	101	IFO Cost, ¢/mmbtu	1,376.45
57	Hawi Renewable Dev.	18.370	102	IFO ECRC Fossil Cost	\$3,767,797
58	Hawi Renewable Dev.	19.127	103	IFO Base ECRC Recovery Target	\$3,767,797
59	Tawhiri (Pakini Nui)	14.280	104	IFO differential	\$0
60	Tawhiri (Pakini Nui)	13.650		<b>Month Diesel</b>	
61	HEP Biodiesel	22.614	105	Diesel mmbtu, budget	278,017
62	Small Hydro (>100 KW)	18.370	106	Diesel Cost, ¢/mmbtu	1,900.28
63	Small Hydro (>100 KW)	19.127	107	Diesel ECRC Fossil Cost	\$5,283,114
63a	CBRE	15.000	108	Diesel Base ECRC Recovery Target	\$5,283,114
64	Sch Q Hydro (<100 KW)	18.300	109	Diesel differential	\$0
65	FIT	23.800	110	Total Fossil	\$0
	PURCHASED ENERGY KWH MIX, %		111	2% of above	\$0
66	HEP, Fossil	4.755		<b>Derivation of Non-Adjustable Component:</b>	
	PURCHASED ENERGY KWH MIX, % Renewable		112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$0
67	PGV	24.178	113	Maximum Annual Cap (bi-directional)	\$600,000
68	PGV	15.198	114	Number of Days in year from implementation	365
69	PGV - Add'l	4.836	115	Fossil Risk % Proration (based on 365 day year)	100.00%
70	PGV - Add'l	3.454	116	Maximum Annual Cap (bi-directional) prorated	\$600,000
71	PGV - Add'l 8 MW	7.488	117	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$0
72	PGV - Add'l 8 MW	7.602	118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$0
73	Wailuku Hydro	2.710	119	Fossil Cost Risk Sharing before taxes	\$0
74	Wailuku Hydro	1.976	120	Revenue Tax Adjustment	1.097514
75	Hawi Renewable Dev.	3.591	121	Fossil Cost Risk Sharing w/revenue tax	\$0
76	Hawi Renewable Dev.	1.991	122	Forecasted Month MWh Sales	85,600
77	Tawhiri (Pakini Nui)	9.053	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0000
78	Tawhiri (Pakini Nui)	6.433			
79	HEP Biodiesel	5.724			
80	Small Hydro (>100 KW)	0.000			
81	Small Hydro (>100 KW)	0.000	93A	Ocean Cargo Insurance Exp, \$000	\$13.1
81a	CBRE	0.213		HELCO-603, page 1, line 4	
82	Sch Q Hydro (<100 KW)	0.000	93B	Revenue Tax Adjustment	1.097514
83	FIT	0.798	93C	Non-Adj Revenues, \$000	\$14.4
		100.000	93D	2019 TY Sales, MWh	1,061,718
83a	Comp. Cost Purchased Energy Fossil, ¢/kWh	22.6140		HELCO-301	
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	15.8861	93E	Non-Adj Revenues, ¢/kWh	0.00135
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	16.206			
85	% Input to System kWh Mix	46.731			
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	7.57323			
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))	7.57323			
91	Loss Factor	1.062			
92	Revenue Tax *	1.0975			
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	8.82694			
				<b>SYSTEM COMPOSITE</b>	
			124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	20.60017
			125	Fossil Fuel Cost Risk Sharing Component (Line 123)	0.000
			126	Non-Adjustable Component (Line 93E)	0.00135
			127	ECA Reconciliation Adjustment	0.340
			128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	20.942

**Hawaii Electric Light Company, Inc.**  
FUEL OIL INVENTORY PRICES FOR January 1, 2022

**INDUSTRIAL FUEL COSTS:**

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	86.3082	86.3082
Land Transportation Cost - \$/BBL	--	1.5457
Industrial Costs For Filing - \$/BBL	86.3082	87.8539
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	1,369.97	1,394.51

**DIESEL FUEL COSTS:**

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	108.2722	108.2722	108.2722
Land Transportation Cost - \$/BBL	3.5319	0.6997	0.9989
Diesel Costs For Filing - \$/BBL	111.8041	108.9719	109.2711
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	1,907.92	1,859.59	1,864.69

**ULSD FUEL COSTS:**

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	92.4802	92.4802	92.4802	92.4802
Land Transportation Cost - \$/BBL	3.7601	2.8301	1.3622	-
ULSD Costs For Filing - \$/BBL	96.2403	95.3103	93.8425	92.4802
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	1,679.59	1,663.36	1,637.74	1,613.97

**Dispersed Generation, cents per kWh**

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	65.9585
\$/BBI Inv Cost:	92.4802
Fuel \$ (Prod Sim Consumption x Unit Cost)	6,099.86
Net kWh (from Prod Sim)	36,750
cents/kWh:	16.598

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 11/30/2021	0	0.00	28,847	2,608,925.03			
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	(26,485)	(2,380,824.40)			
Actual	0	0.00	28,899	2,535,961.95			
Consumed: Estimate	0	0.00	29,757	2,470,841.71			
Actual	0	0.00	(29,867)	(2,445,732.06)			
Balance Per G/L 11/30/2021	<u>0</u>	<u>0.00</u>	<u>31,151</u>	<u>2,789,172.23</u>			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	32,740	2,887,769.40			
Consumed	<u>0</u>	<u>0.00</u>	<u>(32,452)</u>	<u>(2,931,560.62)</u>	106.5901	0.0000	106.5901
Balance @ 12/31/2021	0	0.00	31,439	2,745,381.00			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 12/31/2021	<u>0</u>	<u>0.00</u>	<u>31,439</u>	<u>2,745,381.00</u>			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(2,745,381.00)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	2,713,443.88			
Total @ 01/01/2022 Avg Price	<u>0</u>	<u>0.00</u>	<u>31,439</u>	<u>2,713,443.88</u>			

Weighted Avg Cost/BBL by Location #DIV/0! 87.3241

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 86.3082

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 11/30/2021	9,239	792,699.51	13,669.18			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	(3,404)	(300,346.82)	(4,477.32)			
Actual	4,014	370,694.88	5,462.48			
Consumed: Estimate	2,050	170,219.63	2,067.53			
Actual	(2,604)	(201,019.25)	(2,107.34)			
Balance Per G/L 11/30/2021	9,295	832,247.95	14,614.53			
Purchases	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxx	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Transfer in	1,973	186,234	2,595.11			
Consumed	(3,127)	(282,478.43)	(4,626.42)	90.3353	1.4795	91.8148
Balance @ 12/31/2021	8,141	736,003.79	12,583.21			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	8,141	736,003.79	12,583.21		1.5457	
Reverse Fuel Balance	xxxxxxxxxxx	(736,003.79)	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	702,635.15	xxxxxxxxxxxxxxxxxxxxxxxxxxx			
Total @ 01/01/2022 Avg Price	8,141	702,635.15	12,583.21			

Weighted Avg Cost/BBL by Location

90.4070

1.5457

Weighted Avg Cost/BBL @ Avg Cost

86.3082

1.5457

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 11/30/2021	48,893.4	2,053,522.0	4,817,240.0	187,073.9			
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		xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfers in: Estimate	(31,827.1)	(1,336,737.0)	(3,178,493.4)	(105,468.5)			
Actual	33,578.0	1,410,278.0	3,879,067.3	121,805.98			
Consumed: Estimate	31,084.5	1,305,547.0	2,946,138.3	129,707.52			
Actual	(30,737.3)	(1,290,968.0)	(3,046,287.1)	(137,004.6)	99.1071		
Balance Per G/L 11/30/2021	50,991.5	2,141,642	5,417,665.11	196,114.22	106.2465		
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer in	30,954.7	1,300,097.0	3,259,867.5	102,577.7	105.3109		
Consumed	(31,493.9)	(1,322,744.0)	(3,241,281.3)	(120,500.73)	102.9177	3.8262	106.7439
Balance @ 12/31/2021	50,452.3	2,118,995	5,436,251.38	178,191.15	107.7504		
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	50,452.3	2,118,995	5,436,251.38	178,191.15	107.7504		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxxxxxx	(5,436,251.4)	xxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxxxxxx	5,462,579.3	xxxxxxxxxxxxxx			
Total @ 01/01/2022 Avg Price	50,452.3	2,118,995	5,462,579.33	178,191.15	108.2722		

Weighted Avg Cost/BBL by Location 107.7504 3.5319

Weighted Avg Cost/BBL @ Avg Cost 108.2722 3.5319



**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2021	7,346.0	308,532.0	867,673.4	16,704.9			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfers in: Estimate	(16,409.2)	(689,186.0)	(1,725,326.6)	(21,158.0)			
Actual	12,686.4	532,830.0	1,404,978.2	16,768.6			
Consumed: Estimate	12,108.6	508,560.0	1,147,632.5	5,489.2			
Actual	(10,788.0)	(453,094.0)	(1,169,690.0)	(3,726.5)			
Balance Per G/L 11/30/2021	4,943.9	207,642	525,267.44	14,078.23			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	13,649.2	573,265.0	1,450,568.0	17,599.2	106.2752		
Consumed	(11,858.0)	(498,035)	(1,220,396.0)	(26,965.22)	102.9177	2.2740	105.1917
Balance @ 12/31/2021	6,735.0	282,872	755,439.38	4,712.24	112.1654		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 12/31/2021	6,735.0	282,872	755,439.38	4,712.24	112.1654		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(755,439.38)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	729,218.68	XXXXXXXXXXXXXXXXXX			
Total @ 01/01/2022 Avg Price	6,735.0	282,872	729,218.68	4,712.24	108.2722		

Weighted Avg Cost/BBL by Location

112.1654 0.6997

Weighted Avg Cost/BBL @ Avg Cost

108.2722 0.6997

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2021	1655.6	69,536	165,232	2,563			
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	-754.3	-31681.0	-79091.5	-858.6			
Actual	922.4	38741.0	101760.6	1072.1			
Consumed: Estimate	722.9	30360.0	68511.3	309.3			
Actual	-600.6	-25227.0	-49664.6	-451.4			
Balance Per G/L 11/30/2021	1945.9	81,729	206,748.07	2,634.43	106.2465		
Purchases	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer in	944.8	39680.0	101022.2	1075.3	#DIV/0!		
Consumed	-1497.4	-62889.0	-154104.6	-2318.0	102.9177	1.5480	104.4658
Balance @ 12/31/2021	1,393.3	58,520	153,665.69	1,391.78	110.2864		
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	1,393.3	58,520	153,665.69	1,391.78	110.2864		
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	-153,665.69	XXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	150,859.32	XXXXXXXXXX			
Total @ 01/01/2022 Avg Price	1,393.3	58,520	150,859.32	1,391.78	108.2722		

Weighted Avg Cost/BBL by Location

110.2864 0.9989

Weighted Avg Cost/BBL @ Avg Cost

108.2722 0.9989

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2021	2,311.5	97,081	202,899.81	9,943.69			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(190.0)	(7,980)	(21,386.40)	(629.62)			
Actual	188.8	7,930	21,246.80	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		(391)	0.00	(30.85)			
Actual		232	0.00	625.68			
Consumed: Estimate	238.4	10,012	20,276.30	1,032.21			
Actual	(224.6)	(9,435)	(16,007.10)	(2,017.52)	71.2558		
Balance Per G/L 11/30/2021	2,320.2	97,449	207,029.42	8,923.59	89.2286		
Purchases	0.0	0	0.00	0.00	0.0000		
Estimated Purchases	190.0	7,980	20,588.40	629.62			
Transfer in	0.0	2	0.00	0.16	0.00		
Consumed	(211.4)	(8,879)	(18,866.05)	(909.45)	89.2414	4.3019	93.5433
Balance @ 12/31/2021	2,298.9	96,552	208,751.77	8,643.92	90.8068		
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	2,298.9	96,552	208,751.77	8,643.92	90.8068		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxx	(208,751.77)	xxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxx	212,598.83	xxxxxxxxxx			
Total @ 01/01/2022 Avg Price	2,298.9	96,552	212,598.83	8,643.92	92.4802		

Weighted Avg Cost/BBL by Location

90.8068 3.7601

Weighted Avg Cost/BBL @ Avg Cost

92.4802 3.7601

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 11/30/2021	681.6	28,628.0	63,374.0	1,912.67			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,980)	(21,386.40)	(524.29)			
Actual		7,923.0	21,228.1	0.00			
Transfers out: Estimate		xxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxx			
Transfers in: Estimate	(5.6)	(234)	0.00	0.00			
Actual	4.2	176	0.00	520.54			
Consumed: Estimate	330.2	13,870	28,089.53	938.97			
Actual	(284.2)	(11,936)	(26,620.87)	(758.96)			
Balance Per G/L 11/30/2021	724.9	30,447	64,684.35	2,088.93	89.2286		
ULSD Purchases	189.1	7,941	20,492.16	521.72	108.3832		
Estimated Purchases	190.0	7,980	21,386.40	524.29			
Transfer in	xxxxxxxxxxxxx	247	0.00	0.00	#DIV/0!		
Consumed	(254.0)	(10,666)	(22,663.06)	(712.61)	89.2414	2.8061	92.0474
Balance @ 12/31/2021	855.9	35,949	83,899.85	2,422.33	98.0220		
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	855.9	35,949	83,899.85	2,422.33	98.0220		
Reverse Fuel Balance	xxxxxxxxxxxxx	xxxxxxxxxxxxx	(83,899.85)	xxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxxx	xxxxxxxxxxxxx	79,156.47	xxxxxxxxxxxxx			
Total @ 01/01/2022 Avg Price	855.9	35,949	79,156.47	2,422.33	92.4802		

Weighted Avg Cost/BBL by Location

98.0220 2.8301

Weighted Avg Cost/BBL @ Avg Cost

92.4802 2.8301

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 11/30/2021	1,234.1	51,833.0	111,147.0	1349.1
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(190.0)	(7,980)	(21,386.40)	(216.26)
Actual	188.6	7,923	21,228.05	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		0	0.00	0.00
Actual		145	0.00	214.71
Consumed: Estimate	157.1	6,597	13,360.25	356.46
Actual	(112.4)	(4,719)	(10,053.41)	30.15
Balance Per G/L 11/30/2021	1,280.9	53,799	114,295.44	1,734.14
ULSD Purchases	0	0	0.00	0.00
Estimated Purchases	190	-	-	-
Transfer in	0	0	0.00	0.00
Consumed	(198.3)	(8,328)	(17,695.29)	(216.76)
Balance @ 12/31/2021	1,272.6	53,451	117,188.55	1,733.64
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	1,272.6	53,451	117,188.55	1,733.64
Reverse Fuel Balance	x	x	(117,188.55)	x
Fuel Balance @ Avg Price	x	x	117,694.30	x
Total @ 01/01/2022 Avg Price	1,272.6	53,451	117,694.30	1,733.64

Weighted Avg Cost/BBL by Location

92.0828 1.3622

Weighted Avg Cost/BBL @ Avg Cost

92.4802 1.3622

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
December 2021

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 11/30/2021	130.3	5,471	11,444.18	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	(9.5)	(397)	(1,063.69)	
Actual	9.5	397	1,063.69	
Consumed: Estimate	11.5	485	982.22	
Actual	(16.5)	(695)	(1,249.46)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 11/30/2021	125.26	5,261	11,176.94	89.2286
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(5.2)	(217)	(461.08)	89.2414
Balance @ 12/31/2021	120.1	5,044	10,715.86	89.2280
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 12/31/2021	120.1	5,044	10,715.86	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(10,715.86)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	11,106.43	xxxx
Total @ 01/01/2022 Avg Price	120.1	5,044	11,106.43	92.4802

**Hawaii Electric Light Company, Inc.**  
PURCHASED POWER PRICES FOR January 1, 2022

		January 1, 2022 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	18.370	6.560
PGV (22 MW)	- off peak	19.127	5.430
WAILUKU HYDRO	- on peak	18.370	7.240
	off peak	19.127	5.970
Other: (<100 KW)	Sch Q Rate	18.300	
		January 1, 2022 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
HEP		22.614	
PGV Addtl 5 MW	- on peak	13.650	0.0000
	- off peak	13.650	0.0000
PGV Addtl 8 MW	- on peak	6.940	0.0000
	- off peak	6.940	0.0000

**Hawaii Electric Light Company, Inc.**  
**Energy Cost Reconciliation Adjustment**  
January 1, 2022

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	\$794,600
2	Monthly Amount ( $\frac{1}{3}$ x Line 1)	\$264,867
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	\$290,695
5	Estimated MWh Sales (January 1, 2022)	85,600 mwh
6	Adjustment (Line 4 / Line 5)	0.340 ¢/kwh



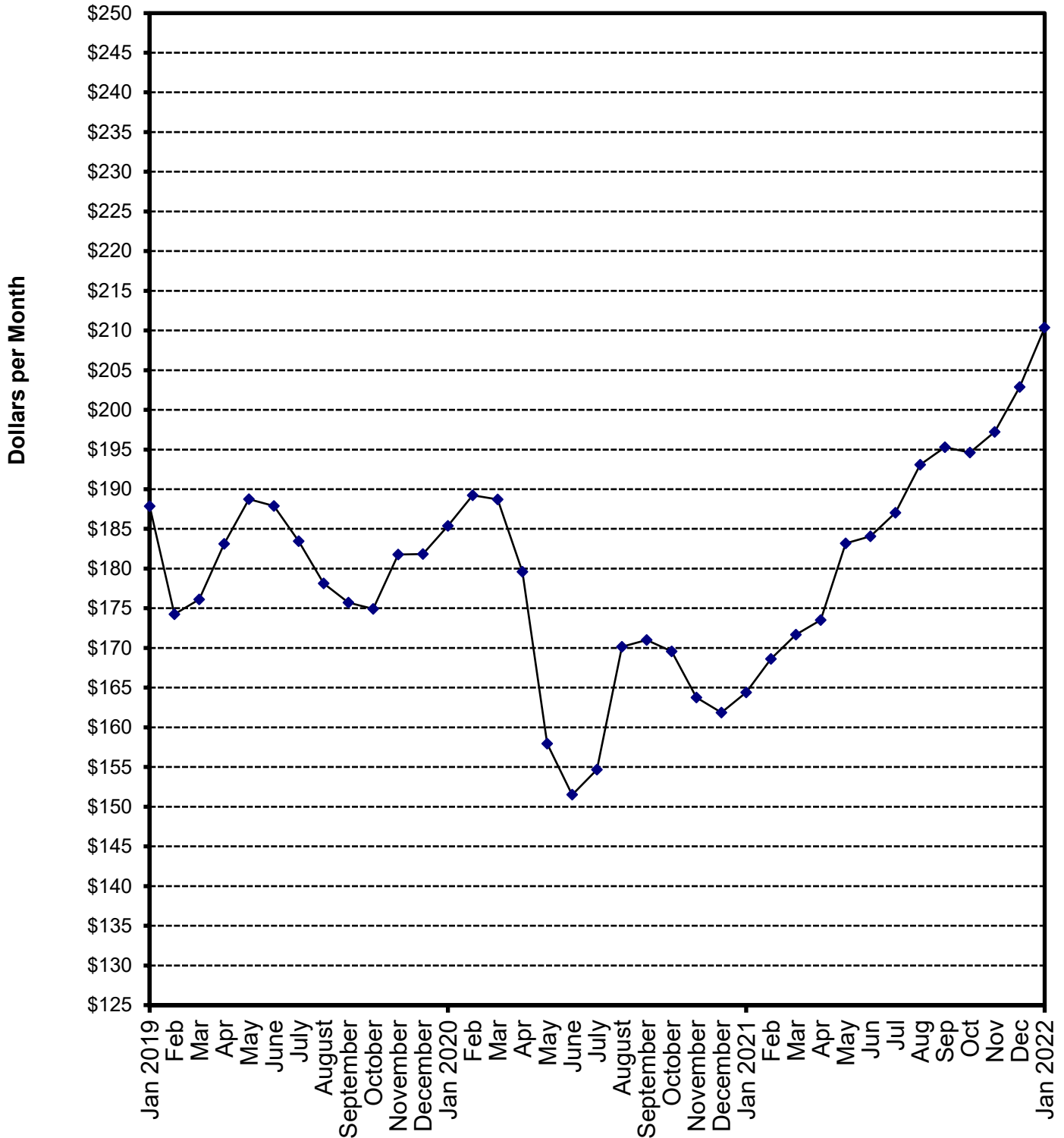
**HAWAII ELECTRIC LIGHT COMPANY, INC.**  
2021 Cumulative Reconciliation Balance

<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 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)	(262,859)	287,329
January 21					(261,333)	(275,071)	12,258
February 21	374,300	[4]	(9,409)	383,709	(124,767)	(125,584)	270,383
March					(124,767)	(134,386)	135,997
April					(124,767)	(131,121)	4,876
May	(707,400)	(1)	(24,174)	(683,226)	235,800	261,182	(417,168)
June					235,800	262,654	(154,514)
July					235,800	253,310	98,796
August	(80,900)	[2]	45,882	(126,782)	26,967	29,218	1,232
September					26,967	28,336	29,568
October					26,967	27,747	57,315
November	(794,600)	[3]	21,130	(815,730)	264,867	280,992	(477,423)
December					264,867		
January 22					264,867		

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 &amp; COMMERCIAL</u>	<u>RESIDENTIAL BILL (\$)</u> <u>@ 500 KWH</u>	<u>RESIDENTIAL BILL (\$)</u> <u>@ 600 KWH</u>
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
February 1, 2021	14.523	168.63	201.81
March 1, 2021	15.091	171.67	205.45
April 1, 2021	15.486	173.51	207.68
May 1, 2021	16.982	183.19	219.28
June 1, 2021	16.726	184.08	220.35
July 1, 2021	17.040	187.04	223.92
August 1, 2021	18.134	193.08	231.16
September 1, 2021	18.588	195.30	233.83
October 1, 2021	18.447	194.63	233.01
November 1, 2021	19.470	197.22	236.14
December 1, 2021	20.549	202.87	242.91
January 1, 2022	20.942	210.36	251.90

**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 -3/31/2021	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/2020-6/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8413 CENTS/KWH
6/1/2020-5/31/2021	RBA RATE ADJUSTMENT	-0.4623 CENTS/KWH
07/01/2020-7/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8592 CENTS/KWH
7/1/2020- 6/30/2021	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.5882 CENTS/KWH
7/1/2020	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
<b>11/1/2020</b>	<b>Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395</b>	
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
1/1/2021-6/30/2021	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
2/1/2021-2/28/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7782 CENTS/KWH
3/1/2021-3/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.8172 CENTS/KWH
4/1/2021-4/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7966 CENTS/KWH
4/1/2021-4/30/2021	SOLARSAVER ADJUSTMENT	-0.0033 CENTS/KWH
5/1/2021-5/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2319 CENTS/KWH
<b>5/1/2021</b>	<b>SOLARSAVER ADJUSTMENT</b>	<b>0.0000 CENTS/KWH</b>
6/1/2021-6/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2333 CENTS/KWH
6/1/2021-12/31/2021	RBA RATE ADJUSTMENT	-0.0299 CENTS/KWH
7/1/2021-12/31/2021	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
7/1/2021-7/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4649 CENTS/KWH
<b>7/1/2021</b>	<b>RESIDENTIAL PBF SURCHARGE ADJUSTMENT</b>	<b>0.6478 CENTS/KWH</b>
8/1/2021-8/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4876 CENTS/KWH
8/1/2021-10/31/2021	RESIDENTIAL DSM ADJUSTMENT	0.0893 CENTS/KWH
9/1/2021-9/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4776 CENTS/KWH
10/1/2021-10/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4838 CENTS/KWH
11/1/2021-11/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.0761 CENTS/KWH
<b>11/1/2021</b>	<b>RESIDENTIAL DSM ADJUSTMENT</b>	<b>-0.0051 CENTS/KWH</b>
12/1/2021-12/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.1263 CENTS/KWH
<b>1/1/2022</b>	<b>GREEN INFRASTRUCTURE FEE</b>	<b>1.25 DOLLARS/MONTH</b>
<b>1/1/2022</b>	<b>RBA RATE ADJUSTMENT</b>	<b>1.0380 CENTS/KWH</b>
<b>1/1/2022-1/31/2022</b>	<b>PURCHASED POWER ADJUSTMENT CLAUSE</b>	<b>2.1529 CENTS/KWH</b>

\*\*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		
	12/01/21	1/01/22	12/01/21	1/01/22	Difference
<b>Base Rates</b>					
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	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	\$33.52	\$33.52	\$0.00
Customer Charge	\$	11.50	\$11.50	\$11.50	\$0.00
<b>Total Base Charges</b>			\$85.24	\$85.24	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	(0.0299)	-\$0.15	\$5.19	\$5.34
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.1263	\$10.63	\$10.76	\$0.13
<b>PBF Surcharge</b>	¢/kwh	0.6478	\$3.24	\$3.24	\$0.00
<b>DSM Adjustment</b>	¢/kwh	(0.0051)	-\$0.03	-\$0.03	\$0.00
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	20.5490	\$102.75	\$104.71	\$1.96
<b>Green Infrastructure Fee</b>	\$	1.19	\$1.19	\$1.25	\$0.06
<b>Avg Residential Bill at 500 kwh</b>			\$202.87	\$210.36	
			Increase (Decrease -)		\$7.49
			% Change		3.69%

	Rate		Charge (\$) at 600 Kwh		
	12/01/21	1/01/22	12/01/21	1/01/22	Difference
<b>Base Rates</b>					
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	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	\$11.50	\$11.50	\$0.00
<b>Total Base Charges</b>			\$101.99	\$101.99	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	(0.0299)	-\$0.18	\$6.23	\$6.41
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.1263	\$12.76	\$12.92	\$0.16
<b>PBF Surcharge</b>	¢/kwh	0.6478	\$3.89	\$3.89	\$0.00
<b>DSM Adjustment</b>	¢/kwh	(0.0051)	-\$0.03	-\$0.03	\$0.00
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	20.5490	\$123.29	\$125.65	\$2.36
<b>Green Infrastructure Fee</b>	\$	1.19	\$1.19	\$1.25	\$0.06
<b>Avg Residential Bill at 600 kwh</b>			\$242.91	\$251.90	
			Increase (Decrease -)		\$8.99
			% Change		3.70%