



May 26, 2023

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 June 2023

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for June 2023 is 21.277 cents per kilowatt-hour ("kWh"), a decrease of 0.674 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$220.03, a decrease of \$1.80 compared to rates effective May 1, 2023. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$3.37), partially offset by the increase in the Purchased Power Adjustment Clause rate (+0.03) and increase in the RBA Rate Adjustment (+\$1.54). In accordance with Order 39293, the RBA Rate Adjustment recovers the RBA Revenue Adjustment effective June 1, 2023 and is implemented as a percentage of all rate schedule charges, including all charges for Surcharges, Clauses, and Fees, but excluding charges related to the ECRC and RBA Rate Adjustment.

Hawai'i Electric Light's fuel composite cost of generation decreased (-67.04) cents per million BTU to 1,886.37 cents per million BTU. The composite cost of distributed generation decreased (-0.158) cents per kWh to 26.290 cents per kWh. The composite cost of purchased energy decreased (-0.906) cents per kWh to 14.125 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 June 1, 2023.

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>5/01/23</u>	<u>6/01/23</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,953.41	1,886.37	(67.04)
Dispersed Generation Energy, ¢/kWh	26.448	26.290	(0.158)
Purchased Energy, ¢/kWh	15.031	14.125	(0.906)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	21.951	21.277	(0.674)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	21.951	21.277	(0.674)
Residential Customer with:			
500 KWH Consumption - \$/Bill	221.83	\$220.03	(\$1.80)
600 KWH Consumption - \$/Bill	265.65	\$263.44	(\$2.21)

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

ENERGY COST RECOVERY (ECR) FILING - June 1, 2023 (Page 1 of 2)

Line

1	Effective Date	June 1, 2023
2	Supercedes Factors of	May 1, 2023

**GENERATION COMPONENT**

<b>CENTRAL STATION WITH WIND/HYDRO COMPONENT</b>			
FUEL PRICES, ¢/mmbtu			
3			
4	Hill Industrial	1,592.56	
5	Puna Industrial	1,617.12	
6	Keahole Diesel	2,281.98	
6a	Keahole ULSD	2,586.50	
7	Waimea ULSD Diesel	2,573.40	
8	Hilo Diesel	2,235.43	
8a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	2,538.68	
9	Puna Diesel	2,242.45	
10	Wind	0.00	
11	Hydro	0.00	
BTU MIX, %			
12			
13	Hill Industrial	39.633	
14	Puna Industrial	10.516	
15	Keahole Diesel	42.453	
15a	Keahole ULSD	0.306	
16	Waimea ULSD Diesel	0.316	
17	Hilo Diesel	0.107	
17a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	0.190	
18	Puna Diesel	4.153	
19	Wind	0.000	
20	Hydro	2.327	
		<b>100.00000</b>	
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu	1,886.37	
22	% Input to System kWh Mix	51.473	
EFFICIENCY FACTOR, mmbtu/kWh			
	(A)	(B)	(C) (D)
			Percent of
			Centrl Stn +
			Wind/Hydro
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Eff Factor</u>
23	Industrial	0.014683	50.149 0.007363
24	Diesel	0.011226	47.524 0.005335
25	Other	0.012514	2.327 0.000291
			100.0000
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]		0.0129890
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))		12.61195
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)		12.61195
33	Revenue Tax Req Multiplier		1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))		13.84162

<b>DG ENERGY COMPONENT</b>		
35	COMPOSITE COST OF DG ENERGY, ¢/kWh	26.290
36	% Input to System kWh Mix	0.055
37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.01446
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)	0.01446
42	Loss Factor	1.062
43	Revenue Tax Req Multiplier	1.0975
44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.01685

SUMMARY OF		
	TOTAL GENERATION FACTOR, ¢/kWh	
45	Cntrl Stn+Wind/Hydro (line 34)	13.84162
46	DG (line 44)	0.01685
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	13.85847

<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 - June 1, 2023 (Page 2 of 2)

Line	<b>PURCHASED ENERGY COMPONENT</b>		Line	<b>Calculation of Monthly Fossil Fuel Cost Risk Sharing Component</b>	
	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil			<b>Baseline IFO</b>	
48	HEP	19.754	94	IFO \$, baseline month	\$2,210,428
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable		95	IFO mmbtu, baseline	161,987
49	PGV	On Peak 19.100	96	Baseline IFO, ¢/mmbtu	1364.57
50	PGV	Off Peak 19.330		<b>Baseline Diesel</b>	
51	PGV - Add'l 5 MW	On Peak 13.850	97	Diesel \$, baseline month	\$6,231,687
52	PGV - Add'l 5 MW	Off Peak 13.850	98	Diesel mmbtu, baseline	241,543
53	PGV - Add'l 8 MW	On Peak 7.040	99	Baseline Diesel, ¢/mmbtu	2,579.95
54	PGV - Add'l 8 MW	Off Peak 7.040		<b>Month IFO</b>	
55	Wailuku Hydro	On Peak 19.100	100	IFO mmbtu, budget	298,019
56	Wailuku Hydro	Off Peak 19.330	101	IFO Cost, ¢/mmbtu	1,597.71
57	Hawi Renewable Dev.	On Peak 19.100	102	IFO ECRC Fossil Cost	\$4,761,479
58	Hawi Renewable Dev.	Off Peak 19.330	103	IFO Base ECRC Recovery Target	\$4,066,673
59	Tawhiri (Pakini Nui)	On Peak 16.840	104	IFO differential	\$694,806
60	Tawhiri (Pakini Nui)	Off Peak 16.570		<b>Month Diesel</b>	
61	HEP Biodiesel	19.754	105	Diesel mmbtu, budget	282,420
62	Small Hydro (>100 KW)	On Peak 19.100	106	Diesel Cost, ¢/mmbtu	2,283.35
63	Small Hydro (>100 KW)	Off Peak 19.330	107	Diesel ECRC Fossil Cost	\$6,448,624
63a	CBRE	15.000	108	Diesel Base ECRC Recovery Target	\$7,286,295
64	Sch Q Hydro (<100 KW)	18.780	109	Diesel differential	-\$837,671
65	FIT	23.800	110	Total Fossil	-\$142,866
65.1	Waikoloa Solar	0.0000	111	2% of above	-\$2,857
65.2	Unused	0.0000		<b>Derivation of Non-Adjustable Component:</b>	
65.3	Unused	0.0000			
65.4	Unused	0.0000			
	PURCHASED ENERGY KWH MIX, %, Fossil		112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$22,946
66	HEP, Fossil	1.613	113	Maximum Annual Cap (bi-directional)	\$600,000
	PURCHASED ENERGY KWH MIX, %, Renewable		114	Number of Days in year from implementation	365
67	PGV	On Peak 20.828	115	Fossil Risk % Proration (based on 365 day year)	100.00%
68	PGV	Off Peak 13.092	116	Maximum Annual Cap (bi-directional) prorated	\$600,000
69	PGV - Add'l	On Peak 4.166	117	Applicable Monthly Fossil Fuel Cost Risk Sharing	-\$2,857
70	PGV - Add'l	Off Peak 2.973	118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$20,088
71	PGV - Add'l 8 MW	On Peak 6.645	119	Fossil Cost Risk Sharing before taxes	-\$2,857
72	PGV - Add'l 8 MW	Off Peak 6.535	120	Revenue Tax Adjustment	1,097,514
73	Wailuku Hydro	On Peak 1.431	121	Fossil Cost Risk Sharing w/revenue tax	-\$3,136
74	Wailuku Hydro	Off Peak 0.995	122	Forecasted Month MWh Sales	87,190
75	Hawi Renewable Dev.	On Peak 4.406	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0036
76	Hawi Renewable Dev.	Off Peak 2.010			
77	Tawhiri (Pakini Nui)	On Peak 12.399			
78	Tawhiri (Pakini Nui)	Off Peak 7.767			
79	HEP Biodiesel	0.403	93A	Ocean Cargo Insurance Exp, \$000	\$13.1
80	Small Hydro (>100 KW)	On Peak 0.000		HELCO-603, page 1, line 4	
81	Small Hydro (>100 KW)	Off Peak 0.000	93B	Revenue Tax Adjustment	1,097,514
81a	CBRE	0.235	93C	Non-Adj Revenues, \$000	\$14.4
82	Sch Q Hydro (<100 KW)	0.031	93D	2019 TY Sales, MWh	1,061,718
83	FIT	0.798		HELCO-301	
83.1	Waikoloa Solar	13.6740	93E	Non-Adj Revenues, ¢/kWh	0.00135
83.2	Unused	0.0000			
83.3	Unused	0.0000			
83.4	Unused	0.0000			
83.5	Total purchased power	100.000			
83a	Comp. Cost Purchased Energy Fossil, ¢/kWh	19.7540			
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	14.0330			
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	14.125	124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	21.83857
85	% Input to System kWh Mix	48.472	125	Fossil Fuel Cost Risk Sharing Component (Line 123)	0.004
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	6.84667	126	Non-Adjustable Component (Line 93E)	0.00135
87	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000	127	ECA Reconciliation Adjustment	(0.567)
88	Base % Input to Sys kWh Mix	0.00	128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	21.277
89	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))	0.00000			
90	COST LESS BASE (Lines (86 - 89))	6.84667			
91	Loss Factor	1.062			
92	Revenue Tax I*	1.0975			
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	7.98010			

**Hawaii Electric Light Company, Inc.**  
FUEL OIL INVENTORY PRICES FOR June 1, 2023

**INDUSTRIAL FUEL COSTS:**

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	100.3313	100.3313
Land Transportation Cost - \$/BBL	--	1.5473
Industrial Costs For Filing - \$/BBL	100.3313	101.8786
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	<u>1,592.56</u>	<u>1,617.12</u>

**DIESEL FUEL COSTS:**

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	129.6672	129.6672	129.6672
Land Transportation Cost - \$/BBL	4.0571	1.7407	1.3291
Diesel Costs For Filing - \$/BBL	133.7242	131.4079	130.9962
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	<u>2,281.98</u>	<u>2,242.45</u>	<u>2,235.43</u>

**ULSD FUEL COSTS:**

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	144.2074	144.2074	144.2074	144.2074
Land Transportation Cost - \$/BBL	3.9990	3.2486	1.2588	-
ULSD Costs For Filing - \$/BBL	148.2064	147.4560	145.4662	144.2074
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	<u>2,586.50</u>	<u>2,573.40</u>	<u>2,538.68</u>	<u>2,516.71</u>

**Dispersed Generation, cents per kWh**

	COMPOSITE COST OF DISP. GEN.
BBIs Fuel:	<u>99.8144</u>
\$/BBI Inv Cost:	<u>144.2074</u>
Fuel \$ (Prod Sim Consumption x Unit Cost)	14,393.98
Net kWh (from Prod Sim)	54,750
cents/kWh:	26.290

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 04/30/2023	0	0.00	35,067	3,555,416.65			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	(25,379)	(2,516,339.56)			
Actual	0	0.00	27,237	2,767,293.35			
Consumed: Estimate	0	0.00	26,274	2,682,781.49			
Actual	0	0.00	(27,243)	(2,833,897.86)			
Balance Per G/L 04/30/2023	<u>0</u>	<u>0.00</u>	<u>35,956</u>	<u>3,655,254.07</u>			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	33,372	3,304,986.20			
Consumed	<u>0</u>	<u>0.00</u>	<u>(28,760)</u>	<u>(2,926,342.90)</u>	106.5901	0.0000	106.5901
Balance @ 05/31/2023	0	0.00	#####	4,033,897.37			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 05/31/2023	<u>0</u>	<u>0.00</u>	<u>40,568</u>	<u>4,033,897.37</u>			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(4,033,897.37)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	4,070,240.85			
Total @ 06/01/2023 Avg Price	<u>0</u>	<u>0.00</u>	<u>40,568</u>	<u>4,070,240.85</u>			

Weighted Avg Cost/BBL by Location #DIV/0! 99.4355

Weighted Avg Cost/BBL @ Avg Cost 100.3313

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 04/30/2023	9,822	979,039.60	15,197.79			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfers out: Estimate	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Actual	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfers in: Estimate	0	0.00	0.00			
Actual	0	0.00	0.00			
Consumed: Estimate	0	0.00	0.00			
Actual	0	19,455.94	0.00			
Balance Per G/L 04/30/2023	9,822	998,495.54	15,197.79			
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0	0.00			
Consumed	0	0.00	0.00	101.7504	1.5473	103.2978
Balance @ 05/31/2023	9,822	998,495.54	15,197.79			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	9,822	998,495.54	15,197.79		1.5473	
Reverse Fuel Balance	xxxxxxxxxx	(998,495.54)	xxxxxxxxxxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	985,454.19	xxxxxxxxxxxxxxxxxxxxxxxx			
Total @ 06/01/2023 Avg Price	9,822	985,454.19	15,197.79			
Weighted Avg Cost/BBL by Location		101.6591	1.5473			
Weighted Avg Cost/BBL @ Avg Cost		100.3313	1.5473			

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 04/30/2023	61,038.1	2,563,601.0	8,195,016.2	266,377.4			
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		xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx			
Transfers in: Estimate	(38,197.5)	(1,604,295.0)	(4,950,895.0)	(170,880.3)			
Actual	34,507.6	1,449,321.0	4,484,707.7	152,829.04			
Consumed: Estimate	30,176.4	1,267,409.0	4,077,649.0	148,264.85			
Actual	(28,564.5)	(1,199,710.0)	(3,842,802.3)	(159,283.8)	134.5306		
Balance Per G/L 04/30/2023	58,960.1	2,476,326	7,963,675.64	237,307.13	135.0688		
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxx			
Transfer in	23,315.2	979,237.0	2,948,309.5	104,302.7	126.4546		
Consumed	(25,445.0)	(1,068,690.0)	(3,414,283.9)	(111,044.91)	134.1829	4.3641	138.5470
Balance @ 05/31/2023	56,830.3	2,386,873	7,497,701.29	230564.95227	131.9314		
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	56,830.3	2,386,873	7,497,701.29	230,564.95	131.9314		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxxxxxxxxx	(7,497,701.3)	xxxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxxxxxxxxx	7,369,024.6	xxxxxxxxxxxxxxxxx			
Total @ 06/01/2023 Avg Price	56,830.3	2,386,873	7,369,024.58	230,564.95	129.6672		

Weighted Avg Cost/BBL by Location	131.9314	4.0571
Weighted Avg Cost/BBL @ Avg Cost	129.6672	4.0571



**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER BARREL EXCL LT	BARREL LT	TOTAL
Balance at 04/30/2023	5,337.5	224,176.0	729,721.4	9,291.0			
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	(766.1)	(32,176.0)	(95,233.2)	(1,333.5)			
Actual	1,151.5	48,361.0	143,552.1	1,971.9			
Consumed: Estimate	1,063.3	44,660.0	143,685.1	1,850.9			
Actual	(1,252.4)	(52,602.0)	(174,283.6)	(2,147.7)			
<b>Balance Per G/L 04/30/2023</b>	<b>5,533.8</b>	<b>232,419</b>	<b>747,441.79</b>	<b>9,632.66</b>			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	947.8	39,809.0	117,354.8	1,649.9	123.8137		
Consumed	(733.8)	(30,819)	(98,461.5)	(1,277.30)	134.1829	1.7407	135.9236
Balance @ 05/31/2023	5,747.8	241,409	#####	10,005.25	133.3259		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
<b>Fuel Balance @ 05/31/2023</b>	<b>5,747.8</b>	<b>241,409</b>	<b>766,335.05</b>	<b>10,005.25</b>	<b>133.3259</b>		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(766,335.05)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	745,305.20	XXXXXXXXXXXXXXXXXX			
<b>Total @ 06/01/2023 Avg Price</b>	<b>5,747.8</b>	<b>241,409</b>	<b>745,305.20</b>	<b>10,005.25</b>	<b>129.6672</b>		

Weighted Avg Cost/BBL by Location

133.3259      1.7407

Weighted Avg Cost/BBL @ Avg Cost

129.6672      1.7407

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 04/30/2023	1323.8	55,600	180,753	1,519			
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	-188.1	-7900.0	-23803.8	-289.0			
Actual	188.1	7900.0	23919.8	290.1			
Consumed: Estimate	35.3	1482.0	4768.1	53.0			
Actual	-72.9	-3062.0	-11913.4	86.6			
Balance Per G/L 04/30/2023	1286.2	54,020	173,724.20	1,659.41	135.0688		
Purchases	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer in	188.5	7919.0	23420.1	289.7	#DIV/0!		
Consumed	-59.8	-2511.0	-8022.2	-68.6	134.1829	1.1472	135.3301
Balance @ 05/31/2023	1,415.0	59,428	189,122.06	#####	133.6597		
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	1,415.0	59,428	189,122.06	1,880.54	133.6597		
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	-189,122.06	XXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	183,472.85	XXXXXXXXXX			
Total @ 06/01/2023 Avg Price	1,415.0	59,428	183,472.85	1,880.54	129.6672		

Weighted Avg Cost/BBL by Location

133.6597 1.3291

Weighted Avg Cost/BBL @ Avg Cost

129.6672 1.3291

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 04/30/2023	2,357.0	98,994	347,864.19	10,769.93			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(188.9)	(7,932)	(23,922.51)	(844.87)			
Actual	188.9	7,932	23,922.51	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		391	0.00	41.65			
Actual		(516)	0.00	844.87			
Consumed: Estimate	103.5	4,349	15,423.86	520.89			
Actual	(99.9)	(4,196)	(21,386.10)	(1,843.15)	214.0649		
Balance Per G/L 04/30/2023	2,357.7	99,022	341,901.95	9,489.31	145.0171		
Purchases	0.0	0	0.00	0.00	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	2.7	114	0.00	12.14	0.00		
Consumed	(109.2)	(4,585)	(15,837.11)	(498.82)	145.0727	4.5693	149.6421
Balance @ 05/31/2023	2,251.2	94,551	326,064.84	#####	144.8395		
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	2,251.2	94,551	326,064.84	9,002.63	144.8395		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxxxx	(326,064.84)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxxxx	324,641.80	xxxxxxxxxxxx			
Total @ 06/01/2023 Avg Price	2,251.2	94,551	324,641.80	9,002.63	144.2074		

Weighted Avg Cost/BBL by Location

144.8395 3.9990

Weighted Avg Cost/BBL @ Avg Cost

144.2074 3.9990

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 04/30/2023	832.0	34,946.0	111,106.4	2,999.87			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,930)	(23,916.47)	(703.32)			
Actual		7,930.0	23,916.5	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(1.7)	(73)	0.00	0.00			
Actual	5.5	230	0.00	703.32			
Consumed: Estimate	45.9	1,928	6,837.71	163.28			
Actual	(69.3)	(2,912)	(138.49)	(561.86)			
Balance Per G/L 04/30/2023	812.4	34,119	117,805.67	2,601.30	145.0171		
ULSD Purchases	0.0	0	0.00	0.00	#DIV/0!		
Estimated Purchases	190.0	7,980	24,099.60	707.75			
Transfer in	xxxxxxxxxxxx	(77)	0.00	0.00	#DIV/0!		
Consumed	(164.6)	(6,913)	(23,878.28)	(593.43)	145.0727	3.6054	148.6782
Balance @ 05/31/2023	835.9	35,109	118,026.98	2,715.61415	141.1927		
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	835.9	35,109	118,026.98	2,715.61	141.1927		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(118,026.98)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	120,547.10	xxxxxxxxxxxx			
Total @ 06/01/2023 Avg Price	835.9	35,109	120,547.10	2,715.61	144.2074		
Weighted Avg Cost/BBL by Location			141.1927	3.2486			
Weighted Avg Cost/BBL @ Avg Cost			144.2074	3.2486			

**HAWAII ELECTRIC LIGHT CO., INC.**

Estimated Weighted Average

June 2023

## KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 04/30/2023	1,370.8	57,572.0	196,757.9	2382.4
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(188.8)	(7,931)	(23,919.51)	(290.16)
Actual	188.8	7,931	23,919.51	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		167	0.00	6.11
Actual		(167)	0.00	290.16
Consumed: Estimate	16.3	686	2,432.92	24.89
Actual	(32.6)	(1,371)	(2,772.10)	(665.88)
Balance Per G/L 04/30/2023	1,354.5	56,887	196,418.74	1,747.47
ULSD Purchases	0	0	0.00	0.00
Estimated Purchases	0	-	-	-
Transfer in	0	0	0.00	0.00
Consumed	(88.7)	(3,725)	(12,866.57)	(154.14)
Balance @ 05/31/2023	1,265.8	53,162	183,552.17	1,593.33
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	1,265.8	53,162	183,552.17	1,593.33
Reverse Fuel Balance	x	x	(183,552.17)	x
Fuel Balance @ Avg Price	x	x	182,532.25	x
Total @ 06/01/2023 Avg Price	1,265.8	53,162	182,532.25	1,593.33

Weighted Avg Cost/BBL by Location

145.0132

1.2588

Weighted Avg Cost/BBL @ Avg Cost

144.2074

1.2588

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
June 2023

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 04/30/2023	99.9	4,195	20,265.53	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	1.1	45	159.59	
Actual	(2.8)	(117)	(6,189.28)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 04/30/2023	98.17	4,123	14,235.84	145.0170
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(2.7)	(113)	(390.31)	145.0727
Balance @ 05/31/2023	95.5	4,010	13,845.53	145.0155
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 05/31/2023	95.5	4,010	13,845.53	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(13,845.53)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	13,768.37	xxxx
Total @ 06/01/2023 Avg Price	95.5	4,010	13,768.37	144.2074

**Hawaii Electric Light Company, Inc.**  
PURCHASED POWER PRICES FOR June 1, 2023

		<u>June 1, 2023</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	19.100	6.560
PGV (22 MW)	- off peak	19.330	5.430
WAILUKU HYDRO	- on peak	19.100	7.240
	off peak	19.330	5.970
Other: (<100 KW)	Sch Q Rate	18.780	
		<u>June 1, 2023</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		19.754	
PGV Addtl 5 MW	- on peak	13.850	0.0000
	- off peak	13.850	0.0000
PGV Addtl 8 MW	- on peak	7.040	0.0000
	- off peak	7.040	0.0000

**Hawaii Electric Light Company, Inc.**  
**Energy Cost Reconciliation Adjustment**  
June 1, 2023

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	(\$1,350,400)
2	Monthly Amount ( $\frac{1}{3}$ x Line 1)	(\$450,133)
3	Revenue Tax Divisor	0.91115
	Total (Line 2 / Line 3)	(\$494,028)
5	Estimated MWh Sales (June 1, 2023)	87,190 mwh
6	Adjustment (Line 4 / Line 5)	(0.567) ¢/kwh



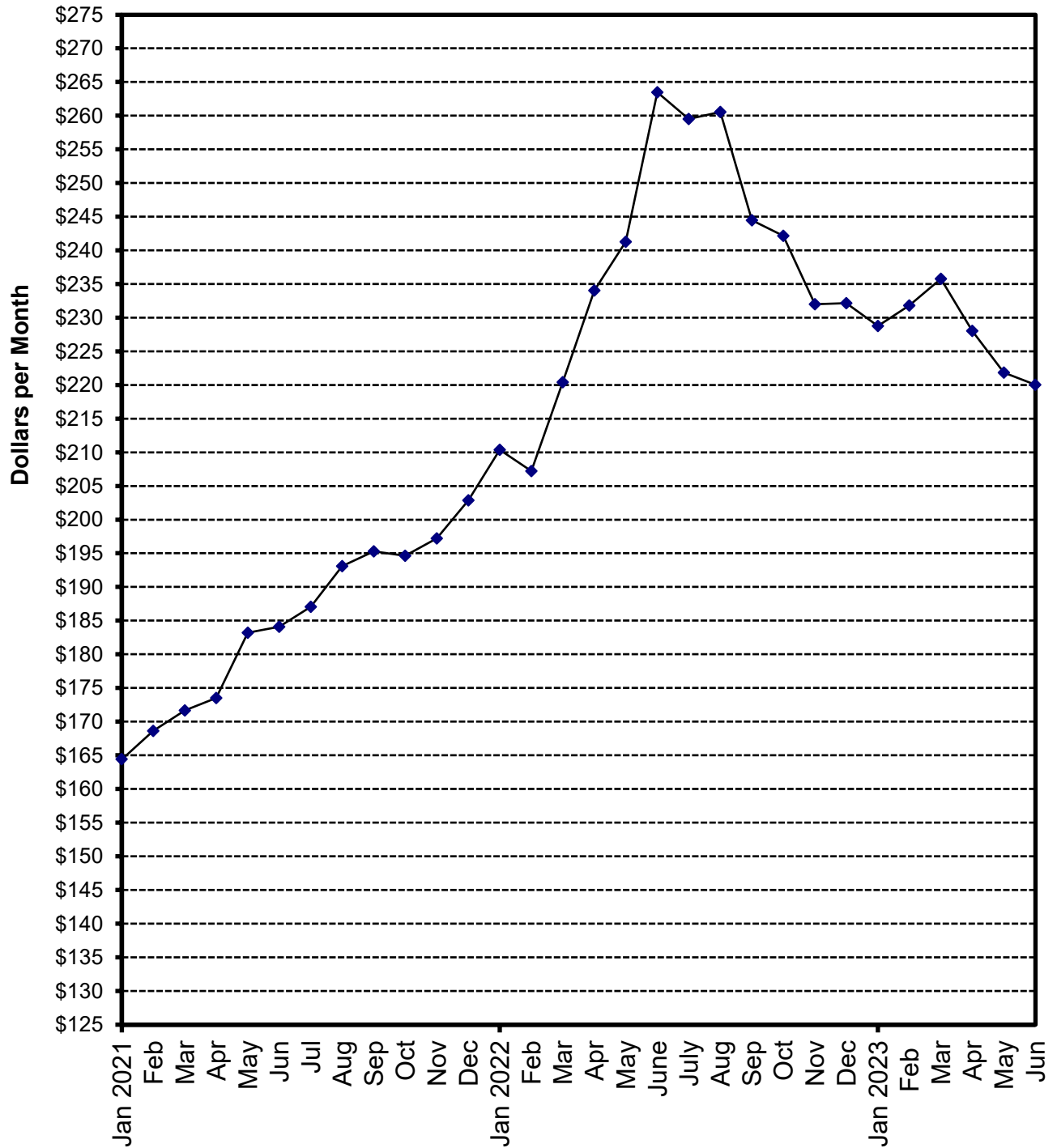
**HAWAII ELECTRIC LIGHT COMPANY, INC.**  
2023 Cumulative Reconciliation Balance

<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 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	292,531	(184,892)
January 22					264,867	270,827	85,935
February 22	(849,900)	[4]	44,569	(894,469)	283,300	291,654	(516,880)
March					283,300	304,924	(211,956)
April					283,300	310,129	98,173
May	(2,364,200)	[1]	35,938	(2,400,138)	788,067	865,010	(1,436,955)
June					788,067	818,932	(618,023)
July					788,067	790,896	172,873
August	(1,068,900)	[2]	134,637	(1,203,537)	356,300	361,221	(669,443)
September					356,300	365,659	(303,784)
October					356,300	370,642	66,858
November	492,400	[3]	17,109	475,291	(164,133)	(159,923)	382,226
December					(164,133)	(166,766)	215,460
January 23					(164,133)	(156,998)	58,462
February	219,500	[4]	15,919	203,581	(73,167)	(73,626)	188,417
March					(73,167)	(70,566)	117,851
April					(73,167)	(72,408)	45,443
May	1,350,400	[1]	9,277	1,341,123	(450,133)		
June					(450,133)		

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 BILL (\$)</u>	
	<u>RESIDENTIAL &amp; COMMERCIAL</u>	<u>RESIDENTIAL BILL (\$)</u> <u>@ 500 KWH</u>	<u>@ 500 KWH</u>	<u>@ 600 KWH</u>
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	
February 1, 2022	20.361	207.20	248.09	
March 1, 2022	22.943	220.40	263.93	
April 1, 2022	25.717	234.05	280.30	
May 1, 2022	27.068	241.26	288.97	
June 1, 2022	31.165	263.48	315.62	
July 1, 2022	30.355	259.50	310.86	
August 1, 2022	30.507	260.56	312.13	
September 1, 2022	27.322	244.46	292.81	
October 1, 2022	26.850	242.17	290.06	
November 1, 2022	24.879	231.99	277.85	
December 1, 2022	24.880	232.14	278.03	
January 1, 2023	24.245	228.78	273.99	
February 1, 2023	24.918	231.81	277.63	
March 1, 2023	25.651	235.76	282.37	
April 1, 2023	24.141	228.04	273.11	
May 1, 2023	21.951	221.83	265.65	
June 1, 2023	21.277	220.03	263.44	

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
<b>11/1/2020</b>	<b>Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395</b>	
1/1/2022-06/30/2022	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
1/1/2022-5/31/2022	RBA RATE ADJUSTMENT	1.0380 CENTS/KWH
1/1/2022-1/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1529 CENTS/KWH
2/1/2022-2/28/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.0987 CENTS/KWH
2/1/2022- 4/30/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0043 CENTS/KWH
3/1/2022-3/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1564 CENTS/KWH
4/1/2022-4/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1141 CENTS/KWH
4/1/2022-4/30/2022	SOLARSAVER ADJUSTMENT	-0.0011 CENTS/KWH
5/1/2022-5/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2917 CENTS/KWH
<b>5/1/2022</b>	<b>SOLARSAVER ADJUSTMENT</b>	<b>0.0000 CENTS/KWH</b>
5/1/2022-7/31/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0912 CENTS/KWH
6/1/2022-6/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.3052 CENTS/KWH
6/1/2022-12/31/2022	RBA RATE ADJUSTMENT	1.3708 CENTS/KWH
7/1/2022-7/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.3333 CENTS/KWH
7/1/2022-12/31/2022	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
<b>7/1/2022</b>	<b>RESIDENTIAL PBF SURCHARGE ADJUSTMENT</b>	<b>0.6488 CENTS/KWH</b>
8/1/2022-8/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2981 CENTS/KWH
8/1/2022-10/31/2022	RESIDENTIAL DSM ADJUSTMENT	0.0035 CENTS/KWH
9/1/2022-9/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2638 CENTS/KWH
10/1/2022-10/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2771 CENTS/KWH
11/1/2022-11/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2180 CENTS/KWH
11/1/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0017 CENTS/KWH
12/1/2022-12/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2472 CENTS/KWH
1/1/2023-1/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.2701 CENTS/KWH
<b>1/1/2023-06/30/2023</b>	<b>GREEN INFRASTRUCTURE FEE</b>	<b>1.23 DOLLARS/MONTH</b>
1/1/2023-5/31/2023	RBA RATE ADJUSTMENT	1.3006 CENTS/KWH
2/1/2023-2/28/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.2018 CENTS/KWH
2/1/2023-4/30/2023	RESIDENTIAL DSM ADJUSTMENT	0.0008 CENTS/KWH
3/1/2023-3/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.2576 CENTS/KWH
4/1/2023-4/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.2245 CENTS/KWH
5/1/2023-5/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.1660 CENTS/KWH
<b>5/1/2023</b>	<b>RESIDENTIAL DSM ADJUSTMENT</b>	<b>0.0053 CENTS/KWH</b>
<b>6/1/2023-6/30/2023</b>	<b>PURCHASED POWER ADJUSTMENT CLAUSE</b>	<b>3.1716 CENTS/KWH</b>
<b>6/1/2023</b>	<b>RBA RATE ADJUSTMENT</b>	<b>7.62% Percent of All Rate Schedule Charges, excluding ECRC and RBA</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		
	5/1/2023	6/1/2023	5/1/2023	6/1/2023	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//% except ECRC	1.3006	\$6.50	\$8.04	\$1.54
<b>Purchased Power Adj. Clause</b>	¢/kwh	3.1660	\$15.83	\$15.86	\$0.03
<b>PBF Surcharge</b>	¢/kwh	0.6488	\$3.24	\$3.24	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0053	\$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	21.9510	\$109.76	\$106.39	-\$3.37
<b>Green Infrastructure Fee</b>	\$	1.23	\$1.23	\$1.23	\$0.00
<b>Avg Residential Bill at 500 kwh</b>			\$221.83	\$220.03	
			Increase (Decrease -)		-\$1.80
			% Change		-0.81%

	Rate		Charge (\$) at 600 Kwh		
	5/1/2023	6/1/2023	5/1/2023	6/1/2023	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//% except ECRC	1.3006	\$7.80	\$9.61	\$1.81
<b>Purchased Power Adj. Clause</b>	¢/kwh	3.1660	\$19.00	\$19.03	\$0.03
<b>PBF Surcharge</b>	¢/kwh	0.6488	\$3.89	\$3.89	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0053	\$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	21.9510	\$131.71	\$127.66	-\$4.05
<b>Green Infrastructure Fee</b>	\$	1.23	\$1.23	\$1.23	\$0.00
<b>Avg Residential Bill at 600 kwh</b>			\$265.65	\$263.44	
			Increase (Decrease -)		-\$2.21
			% Change		-0.83%

Note: the RBA Rate Adjustment recovers the RBA Revenue Adjustment effective June 1, 2023, and is implemented as a percentage of all including all charges for Surcharges, Clauses, and Fees, but excluding charges related to the ECRC and the RBA Rate Adjustment.

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**To:** [Mounthongdy, Christine](#)  
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