



June 28, 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 July 2023

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for July 2023 is 20.355 cents per kilowatt-hour ("kWh"), a decrease of 0.922 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$215.94, a decrease of \$4.09 compared to rates effective June 1, 2023. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$4.61) and decrease in the Green Infrastructure Fee (-\$0.05), partially offset by the increase in the Purchased Power Adjustment Clause rate (+\$0.17), increase in the PBF Surcharge (+\$0.36), and the increase in the impact of the RBA Rate Adjustment (+\$0.04).

Hawai'i Electric Light's fuel composite cost of generation decreased (-45.19) cents per million BTU to 1,841.18 cents per million BTU. The composite cost of distributed generation decreased (-0.470) cents per kWh to 25.820 cents per kWh. The composite cost of purchased energy decreased (-0.203) cents per kWh to 13.922 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 July 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>6/01/23</u>	<u>7/01/23</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	1,886.37	1,841.18	(45.19)
Dispersed Generation Energy, ¢/kWh	26.290	25.820	(0.470)
Purchased Energy, ¢/kWh	14.125	13.922	(0.203)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	21.277	20.355	(0.922)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	21.277	20.355	(0.922)
Residential Customer with:			
500 KWH Consumption - \$/Bill	220.03	\$215.94	(\$4.09)
600 KWH Consumption - \$/Bill	263.44	\$258.54	(\$4.90)

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

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

Line		
1	Effective Date	July 1, 2023
2	Supercedes Factors of	June 1, 2023

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT				
FUEL PRICES, ¢/mmbtu				
3				
4	Hill Industrial	1,595.90		
5	Puna Industrial	1,620.46		
6	Keahole Diesel	2,160.47		
6a	Keahole ULSD	2,537.63		
7	Waimea ULSD Diesel	2,528.62		
8	Hilo Diesel	2,114.71		
8a	Hilo (Kanoelehua) ULSD Diesel ¹	2,494.46		
9	Puna Diesel	2,122.64		
10	Wind	0.00		
11	Hydro	0.00		
	BTU MIX, %			
12				
13	Hill Industrial	41.846		
14	Puna Industrial	5.421		
15	Keahole Diesel	48.229		
15a	Keahole ULSD	0.016		
16	Waimea ULSD Diesel	0.124		
17	Hilo Diesel	0.011		
17a	Hilo (Kanoelehua) ULSD Diesel ¹	0.002		
18	Puna Diesel	1.871		
19	Wind	0.000		
20	Hydro	2.480		
		100.0000		
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu	1,841.18		
22	% Input to System kWh Mix	47.045		
	EFFICIENCY FACTOR, mmbtu/kWh			
	(A)	(B)	(C) (D)	
			Percent of	
			Centrl Stn +	Weighted
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Wind/Hydro</u>	<u>Eff Factor</u>
23	Industrial	0.014683	47.267	0.006940
24	Diesel	0.011226	50.253	0.005642
25	Other	0.012514	2.480	0.000310
	(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)]			0.0128920
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			11.16683
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)			11.16683
33	Revenue Tax Req Multiplier			1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			12.25560

DG ENERGY COMPONENT		
35	COMPOSITE COST OF DG ENERGY, ¢/kWh	25.820
36	% Input to System kWh Mix	0.134
37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.03460
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)	0.03460
42	Loss Factor	1.062
43	Revenue Tax Req Multiplier	1.0975
44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.04033

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SUMMARY OF		
	TOTAL GENERATION FACTOR, ¢/kWh	
45	Cntrl Stn+Wind/Hydro (line 34)	12.25560
46	DG (line 44)	0.04033
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	12.29593

¹ Hilo ULSD same location as Kanoelehua ULSD

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

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

Line	PURCHASED ENERGY COMPONENT		Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Component		
	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil			Baseline IFO		
48	HEP	19.869	94	IFO \$, baseline month	\$2,210,428	
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable		95	IFO mmbtu, baseline	161,987	
49	PGV	On Peak	18.875	96	Baseline IFO, ¢/mmbtu	1364.57
50	PGV	Off Peak	19.101			
51	PGV - Add'l 5 MW	On Peak	13.850		Baseline Diesel	
52	PGV - Add'l 5 MW	Off Peak	13.850	97	Diesel \$, baseline month	\$6,231,687
53	PGV - Add'l 8 MW	On Peak	7.040	98	Diesel mmbtu, baseline	241,543
54	PGV - Add'l 8 MW	Off Peak	7.040	99	Baseline Diesel, ¢/mmbtu	2,579.95
55	Wailuku Hydro	On Peak	18.875			
56	Wailuku Hydro	Off Peak	19.101		Month IFO	
57	Hawi Renewable Dev.	On Peak	18.875	100	IFO mmbtu, budget	254,676
58	Hawi Renewable Dev.	Off Peak	19.101	101	IFO Cost, ¢/mmbtu	1,598.72
59	Tawhiri (Pakini Nui)	On Peak	16.910	102	IFO ECRC Fossil Cost	\$4,071,547
60	Tawhiri (Pakini Nui)	Off Peak	16.670	103	IFO Base ECRC Recovery Target	\$3,475,229
61	HEP Biodiesel		19.869	104	IFO differential	\$596,318
62	Small Hydro (>100 KW)	On Peak	18.875			
63	Small Hydro (>100 KW)	Off Peak	19.101		Month Diesel	
63a	CBRE		15.000	105	Diesel mmbtu, budget	270,767
64	Sch Q Hydro (<100 KW)		18.560	106	Diesel Cost, ¢/mmbtu	2,160.10
65	FIT		23.800	107	Diesel ECRC Fossil Cost	\$5,848,830
65.1	Waikoloa Solar		0.0000	108	Diesel Base ECRC Recovery Target	\$6,985,600
65.2	Unused		0.0000	109	Diesel differential	-\$1,136,829
65.3	Unused		0.0000	110	Total Fossil	-\$540,511
65.4	Unused		0.0000	111	2% of above	-\$10,810
	PURCHASED ENERGY KWH MIX, %,			112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$20,088
66	HEP, Fossil	0.154		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	19.895	115	Fossil Risk % Proration (based on 365 day year)	100.00%
68	PGV	Off Peak	12.506	116	Maximum Annual Cap (bi-directional) prorated	\$600,000
69	PGV - Add'l	On Peak	3.979	117	Applicable Monthly Fossil Fuel Cost Risk Sharing	-\$10,810
70	PGV - Add'l	Off Peak	2.842	118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$9,278
71	PGV - Add'l 8 MW	On Peak	6.219	119	Fossil Cost Risk Sharing before taxes	-\$10,810
72	PGV - Add'l 8 MW	Off Peak	6.106	120	Revenue Tax Adjustment	1,097,514
73	Wailuku Hydro	On Peak	1.950	121	Fossil Cost Risk Sharing w/revenue tax	-\$11,864
74	Wailuku Hydro	Off Peak	1.433	122	Forecasted Month MWh Sales	93,961
75	Hawi Renewable Dev.	On Peak	4.760	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0126
76	Hawi Renewable Dev.	Off Peak	2.485			
77	Tawhiri (Pakini Nui)	On Peak	13.593		Derivation of Non-Adjustable Component:	
78	Tawhiri (Pakini Nui)	Off Peak	8.492			
79	HEP Biodiesel		0.038	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		0.211	93C	Non-Adj Revenues, \$000	\$14.4
82	Sch Q Hydro (<100 KW)		0.035	93D	2019 TY Sales, MWh	1,061,718
83	FIT		0.672		HELCO-301	
83.1	Waikoloa Solar		14.6300	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	19.8690				
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	13.9125				
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	13.922				
85	% Input to System kWh Mix	52.821				
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	7.35374				
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))	7.35374				
91	Loss Factor	1.062				
92	Revenue Tax *	1.0975				
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	8.57111				
					SYSTEM COMPOSITE	
				124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	20.86704
				125	Fossil Fuel Cost Risk Sharing Component (Line 123)	0.013
				126	Non-Adjustable Component (Line 93E)	0.00135
				127	ECA Reconciliation Adjustment	(0.526)
				128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	20.355

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

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	100.5415	100.5415
Land Transportation Cost - \$/BBL	--	1.5473
Industrial Costs For Filing - \$/BBL	100.5415	102.0888
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	1,595.90	1,620.46

DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	122.6461	122.6461	122.6461
Land Transportation Cost - \$/BBL	3.9572	1.7407	1.2760
Diesel Costs For Filing - \$/BBL	126.6033	124.3868	123.9221
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	2,160.47	2,122.64	2,114.71

ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	141.6294	141.6294	141.6294	141.6294
Land Transportation Cost - \$/BBL	3.7767	3.2603	1.3034	-
ULSD Costs For Filing - \$/BBL	145.4061	144.8897	142.9328	141.6294
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	2,537.63	2,528.62	2,494.46	2,471.72

Dispersed Generation, cents per kWh

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	246.1176
\$/BBI Inv Cost:	141.6294
Fuel \$ (Prod Sim Consumption x Unit Cost)	34,857.50
Net kWh (from Prod Sim)	135,000
cents/kWh:	25.820

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 05/31/2023	0	0.00	40,568	4,033,897.37			
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	(33,372)	(3,304,986.20)			
Actual	0	0.00	29,260	3,010,292.35			
Consumed: Estimate	0	0.00	28,760	2,926,342.90			
Actual	0	0.00	(28,986)	(2,964,650.84)			
Balance Per G/L 05/31/2023	0	0.00	36,230	3,700,895.58			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	28,874	2,843,050.37			
Consumed	0	0.00	(28,347)	(2,844,091.83)	106.5901	0.0000	106.5901
Balance @ 06/30/2023	0	0.00	#####	3,699,854.12			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 06/30/2023	0	0.00	36,757	3,699,854.12			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(3,699,854.12)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	3,695,602.70			
Total @ 07/01/2023 Avg Price	0	0.00	36,757	3,695,602.70			

Weighted Avg Cost/BBL by Location #DIV/0! 100.6571

Weighted Avg Cost/BBL @ Avg Cost 100.5415

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 05/31/2023	9,822	998,495.54	15,197.79			
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	0	0.00	0.00			
Actual	0	0.00	0.00			
Consumed: Estimate	0	0.00	0.00			
Actual	0	4,822.05	0.00			
Balance Per G/L 05/31/2023	9,822	1,003,317.59	15,197.79			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	0	0	0.00			
Consumed	0	0.00	0.00	100.3313	1.5473	101.8786
Balance @ 06/30/2023	9,822	1,003,317.59	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	1,003,317.59	15,197.79		1.5473	
Reverse Fuel Balance	xxxxxxxxxxxx	(1,003,317.59)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	987,518.29	xxxxxxxxxxxx			
Total @ 07/01/2023 Avg Price	9,822	987,518.29	15,197.79			

Weighted Avg Cost/BBL by Location

102.1500

1.5473

Weighted Avg Cost/BBL @ Avg Cost

100.5415

1.5473

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 05/31/2023	56,830.3	2,386,873.0	7,497,701.3	230,565.0			
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	(23,315.2)	(979,237.0)	(2,948,309.5)	(104,302.7)			
Actual	21,689.9	910,974.0	2,735,076.5	96,214.36			
Consumed: Estimate	25,445.0	1,068,690.0	3,414,283.9	111,044.91			
Actual	(25,469.3)	(1,069,709.0)	(3,537,784.5)	(127,788.2)	138.9041		
Balance Per G/L 05/31/2023	55,180.7	2,317,591	7,160,967.69	205,733.30	129.7730		
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfer in	29,869.5	1,254,517.0	3,733,230.3	133,624.0	124.9849		
Consumed	(28,007.2)	(1,176,303.0)	(3,631,615.8)	(113,627.43)	129.6672	4.0571	133.7242
Balance @ 06/30/2023	57,043.0	2,395,805	7,262,582.18	225,729.85204	127.3177		
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	57,043.0	2,395,805	7,262,582.18	225,729.85	127.3177		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxxxxxx	(7,262,582.2)	xxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxxxxxx	6,996,098.8	xxxxxxxxxxxxxx			
Total @ 07/01/2023 Avg Price	57,043.0	2,395,805	6,996,098.76	225,729.85	122.6461		

Weighted Avg Cost/BBL by Location 127.3177 3.9572

Weighted Avg Cost/BBL @ Avg Cost 122.6461 3.9572

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 05/31/2023	5,747.8	241,409.0	766,335.1	10,005.3			
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	(947.8)	(39,809.0)	(117,354.8)	(1,649.9)			
Actual	578.8	24,308.0	70,337.3	986.4			
Consumed: Estimate	733.8	30,819.0	98,461.5	1,277.3			
Actual	(710.3)	(29,831.0)	(116,708.5)	(1,215.3)			
Balance Per G/L 05/31/2023	5,402.3	226,896	701,070.60	9,403.76			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	957.6	40,218.0	113,603.5	1,666.8	118.6371		
Consumed	(1,591.7)	(66,850)	(206,386.9)	(2,770.61)	129.6672	1.7407	131.4079
Balance @ 06/30/2023	4,768.2	200,264	#####	8,299.99	127.5719		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 06/30/2023	4,768.2	200,264	608,287.25	8,299.99	127.5719		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(608,287.25)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	584,799.98	XXXXXXXXXXXXXXXXXX			
Total @ 07/01/2023 Avg Price	4,768.2	200,264	584,799.98	8,299.99	122.6461		

Weighted Avg Cost/BBL by Location 127.5719 1.7407

Weighted Avg Cost/BBL @ Avg Cost 122.6461 1.7407

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCL LT	LT	TOTAL
Balance at 05/31/2023	1415.0	59,428	189,122	1,881			
Less: Est'd Inven Addition	0.0	0	0	0			
Purchases: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Actual		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfers in: Estimate	-188.5	-7919.0	-23420.1	-289.7			
Actual	188.5	7919.0	23402.4	289.7			
Consumed: Estimate	59.8	2511.0	8022.2	68.6			
Actual	-41.2	-1732.0	-11097.1	-119.3			
Balance Per G/L 05/31/2023	1433.5	60,207	186,029.54	1,829.82	129.7730		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	0.0	0.0	0.0	0.0	#DIV/0!		
Consumed	-11.8	-495.0	-1528.2	-15.7	129.6672	1.3291	130.9962
Balance @ 06/30/2023	1,421.7	59,712	184,501.32	1814.15619	129.7738		
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	1,421.7	59,712	184,501.32	1,814.16	129.7738		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -184,501.32	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 174,367.72	XXXXXXXXXXXX			
Total @ 07/01/2023 Avg Price	1,421.7	59,712	174,367.72	1,814.16	122.6461		

Weighted Avg Cost/BBL by Location

129.7738 1.2760

Weighted Avg Cost/BBL @ Avg Cost

122.6461 1.2760

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 05/31/2023	2,251.2	94,551	326,064.84	9,002.63			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	0.0	0	0.00	0.00			
Actual	0.0	0	0.00	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		(114)	0.00	(12.14)			
Actual		217	0.00	0.00			
Consumed: Estimate	109.2	4,585	15,837.11	498.82			
Actual	(74.7)	(3,138)	(10,678.21)	(958.39)	142.9206		
Balance Per G/L 05/31/2023	2,288.1	96,101	331,223.74	8,530.92	144.7581		
Purchases	188.3	7,907	20,996.91	842.21	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(7.1)	(300)	0.00	(31.95)	0.00		
Consumed	(70.2)	(2,950)	(10,128.85)	(280.88)	144.2074	3.9990	148.2064
Balance @ 06/30/2023	2,399.0	100,758	342,091.80	9060.29118	142.5977		
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	2,399.0	100,758	342,091.80	9,060.29	142.5977		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(342,091.80)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	339,768.97	xxxxxxxxxxxx			
Total @ 07/01/2023 Avg Price	2,399.0	100,758	339,768.97	9,060.29	141.6294		

Weighted Avg Cost/BBL by Location

142.5977 3.7767

Weighted Avg Cost/BBL @ Avg Cost

141.6294 3.7767

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 05/31/2023	835.9	35,109.0	118,027.0	2,715.61			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,980)	(24,099.60)	(707.75)			
Actual		0.0	0.0	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	1.8	77	0.00	0.00			
Actual	2.6	109	0.00	0.00			
Consumed: Estimate	164.6	6,913	23,878.28	593.43			
Actual	(101.0)	(4,240)	(14,448.39)	(363.97)			
Balance Per G/L 05/31/2023	714.0	29,988	103,357.28	2,237.33	144.7581		
ULSD Purchases	188.6	7,923	21,039.40	702.69	111.5303		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	xxxxxxxxxxxx	(25)	0.00	0.00	#DIV/0!		
Consumed	(81.3)	(3,414)	(11,722.00)	(264.07)	144.2074	3.2486	147.4560
Balance @ 06/30/2023	820.8	34,472	112,674.67	2675.95540	137.2806		
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	820.8	34,472	112,674.67	2,675.96	137.2806		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(112,674.67)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	116,244.03	xxxxxxxxxxxx			
Total @ 07/01/2023 Avg Price	820.8	34,472	116,244.03	2,675.96	141.6294		

Weighted Avg Cost/BBL by Location

137.2806 3.2603

Weighted Avg Cost/BBL @ Avg Cost

141.6294 3.2603

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 05/31/2023	1,265.8	53,162.0	183,552.2	1593.3
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	0.0	0	0.00	0.00
Actual	0.0	0	0.00	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		0	0.00	0.00
Actual		0	0.00	0.00
Consumed: Estimate	88.7	3,725	12,866.57	154.14
Actual	(54.4)	(2,283)	(8,219.44)	(55.13)
Balance Per G/L 05/31/2023	1,300.1	54,604	188,199.30	1,692.34
ULSD Purchases	0	0	0.00	0.00
Estimated Purchases	0	-	-	-
Transfer in	0	0	0.00	0.00
Consumed	(49.2)	(2,066)	(7,093.63)	(61.92)
Balance @ 06/30/2023	1,250.9	52,538	181,105.67	1,630.42
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	1,250.9	52,538	181,105.67	1,630.42
Reverse Fuel Balance	x	x	(181,105.67)	x
Fuel Balance @ Avg Price	x	x	177,164.91	x
Total @ 07/01/2023 Avg Price	1,250.9	52,538	177,164.91	1,630.42

Weighted Avg Cost/BBL by Location

144.7797 1.3034

Weighted Avg Cost/BBL @ Avg Cost

141.6294 1.3034

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
July 2023

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 05/31/2023	95.5	4,010	13,845.53	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	2.7	113	390.31	
Actual	(4.0)	(170)	(611.35)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 05/31/2023	94.12	3,953	13,624.49	144.7581
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(5.6)	(236)	(810.31)	144.2074
Balance @ 06/30/2023	109.5	4,599	12,814.18	117.0245
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 06/30/2023	109.5	4,599	12,814.18	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(12,814.18)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	15,508.42	xxxx
Total @ 07/01/2023 Avg Price	109.5	4,599	15,508.42	141.6294

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

		<u>July 1, 2023</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	18.875	6.560
PGV (22 MW)	- off peak	19.101	5.430
WAILUKU HYDRO	- on peak	18.875	7.240
	off peak	19.101	5.970
Other: (<100 KW)	Sch Q Rate	18.560	
		<u>July 1, 2023</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		19.869	
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
July 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 (July 1, 2023)	93,961 mwh
6	Adjustment (Line 4 / Line 5)	(0.526) ¢/kwh

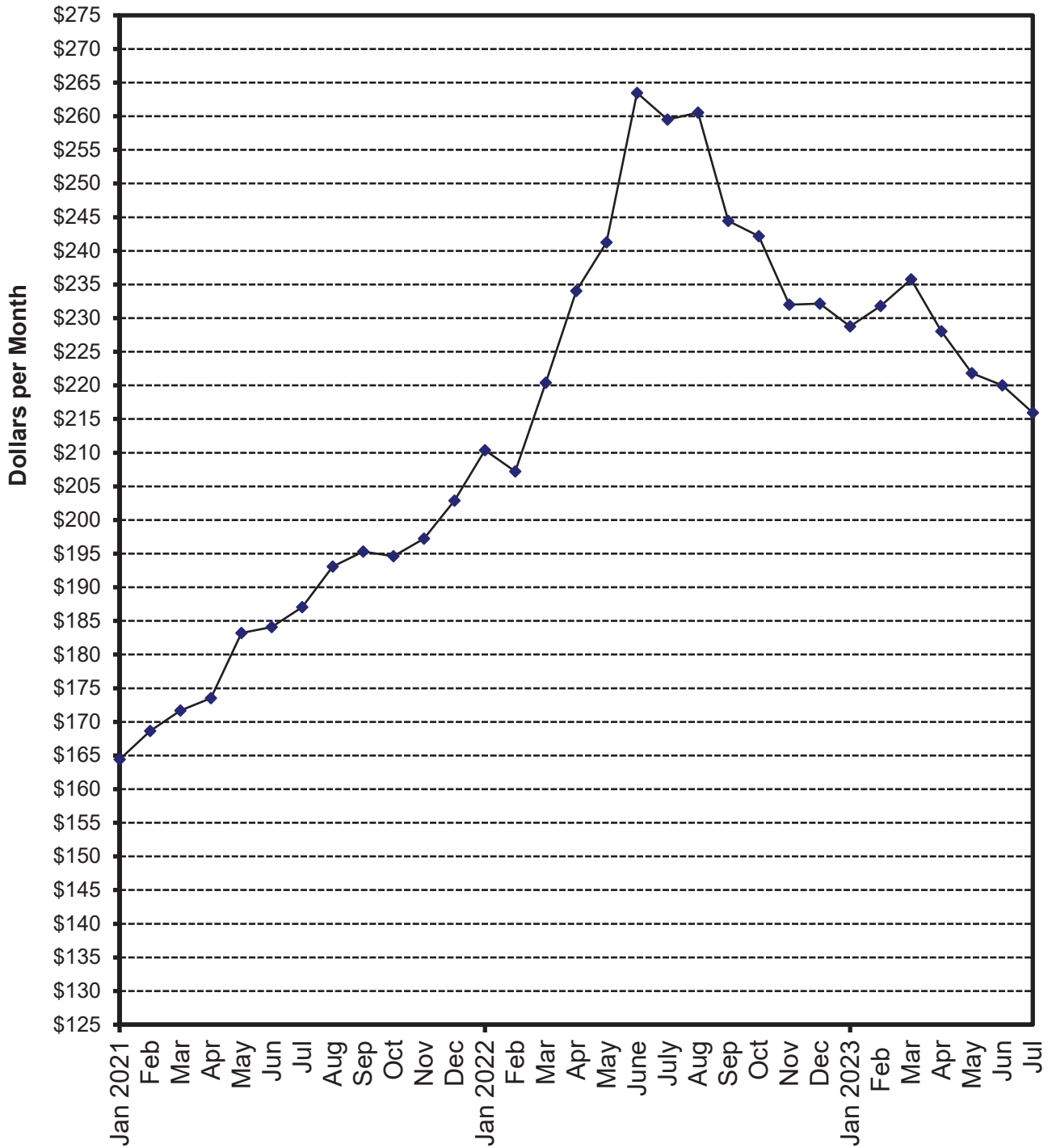
HAWAII ELECTRIC LIGHT COMPANY, INC.
2023 Cumulative Reconciliation Balance

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 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)	(438,904)	947,662
June					(450,133)		
July					(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 CENTS / KWH</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>RESIDENTIAL & COMMERCIAL</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
July 1, 2023	20.355		215.94	258.54

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
11/1/2020	Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395	
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
5/1/2022	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
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
7/1/2022-6/30/2023	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.6488 CENTS/KWH
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
1/1/2023-06/30/2023	GREEN INFRASTRUCTURE FEE	1.23 DOLLARS/MONTH
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
5/1/2023	RESIDENTIAL DSM ADJUSTMENT	0.0053 CENTS/KWH
6/1/2023-6/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.1716 CENTS/KWH
6/1/2023	RBA RATE ADJUSTMENT	7.62% Percent of All Rate Schedule Charges, excluding ECRC and RBA
7/1/2023-7/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.2056 CENTS/KWH
7/1/2023-12/31/2023	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
7/1/2023	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7195 CENTS/KWH

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

Calculations of the Average Residential Customer Bill

	Rate		Charge (\$) at 500 Kwh		
	6/1/2023	7/1/2023	6/1/2023	7/1/2023	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	\$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
Total Base Charges			\$85.24	\$85.24	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	% except ECRC	7.6200%	\$8.04	\$8.08	\$0.04
Purchased Power Adj. Clause	¢/kwh	3.1716	\$15.86	\$16.03	\$0.17
PBF Surcharge	¢/kwh	0.6488	\$3.24	\$3.60	\$0.36
DSM Adjustment	¢/kwh	0.0053	\$0.03	\$0.03	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	21.2770	\$106.39	\$101.78	-\$4.61
Green Infrastructure Fee	\$	1.23	\$1.23	\$1.18	-\$0.05

Avg Residential Bill at 500 kwh

\$220.03	\$215.94	
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Increase (Decrease -)	-\$4.09
% Change	-1.86%

	Rate		Charge (\$) at 600 Kwh		
	6/1/2023	7/1/2023	6/1/2023	7/1/2023	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	\$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
Total Base Charges			\$101.99	\$101.99	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	% except ECRC	7.6200%	\$9.61	\$9.66	\$0.05
Purchased Power Adj. Clause	¢/kwh	3.1716	\$19.03	\$19.23	\$0.20
PBF Surcharge	¢/kwh	0.6488	\$3.89	\$4.32	\$0.43
DSM Adjustment	¢/kwh	0.0053	\$0.03	\$0.03	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	21.2770	\$127.66	\$122.13	-\$5.53
Green Infrastructure Fee	\$	1.23	\$1.23	\$1.18	-\$0.05

Avg Residential Bill at 600 kwh

\$263.44	\$258.54	
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Increase (Decrease -)	-\$4.90
% Change	-1.86%

Note: 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 the RBA Rate Adjustment.

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E-Filing Filed Confirmation

Aloha Christine Mounthongdy,

Your electronic filing to the Hawaii Public Utilities Commission has been **FILED**. You will receive an email when the filing is public.

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E-Filing Confirmation Number: F-290336
Account: Hawaii Electric Light Company, Inc.
Date and Time Submitted: 6/28/2023, 10:30 AM
Case or Docket Reference Number: PC-181521
Case or Docket Number (if applicable): Pending
Filing Category/Type: Reports / Energy Cost Adjustment Factors

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