



November 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 December 2023

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for December 2023 is 24.574 cents per kilowatt-hour ("kWh"), a decrease of 0.215 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$235.71, a decrease of \$0.89 compared to rates effective November 1, 2023. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$1.08), partially offset by the increase in Purchased Power Adjustment Clause rate (+\$0.18) and increase in the impact of the RBA Rate Adjustment (+\$0.01).

Hawai'i Electric Light's fuel composite cost of generation decreased (-19.35) cents per million BTU to 2,037.00 cents per million BTU. The composite cost of distributed generation increased (+0.039) cents per kWh to 25.399 cents per kWh. The composite cost of purchased energy increased (+0.114) cents per kWh to 15.305 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 December 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>11/01/23</u>	<u>12/01/23</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	2,056.35	2,037.00	(19.35)
Dispersed Generation Energy, ¢/kWh	25.360	25.399	0.039
Purchased Energy, ¢/kWh	15.191	15.305	0.114
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	24.789	24.574	(0.215)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	24.789	24.574	(0.215)
Residential Customer with:			
500 KWH Consumption - \$/Bill	\$236.60	\$235.71	(\$0.89)
600 KWH Consumption - \$/Bill	\$283.33	\$282.27	(\$1.06)

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

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

<u>Line</u>		
1	Effective Date	December 1, 2023
2	Supercedes Factors of	November 1, 2023

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT							
FUEL PRICES, ¢/mmbtu							
3							
4	Hill Industrial		1,684.78				
5	Puna Industrial		1,709.34				
6	Keahole Diesel		2,526.16				
6a	Keahole ULSD		2,499.25				
7	Waimea ULSD Diesel		2,490.11				
8	Hilo Diesel		2,488.65				
8a	Hilo (Kanoelehua) ULSD Diesel ¹		2,455.34				
9	Puna Diesel		2,487.91				
10	Wind		0.00				
11	Hydro		0.00				
BTU MIX, %							
12							
13	Hill Industrial		42.431				
14	Puna Industrial		7.733				
15	Keahole Diesel		45.280				
15a	Keahole ULSD		0.027				
16	Waimea ULSD Diesel		0.130				
17	Hilo Diesel		0.006				
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.001				
18	Puna Diesel		1.689				
19	Wind		0.000				
20	Hydro		2.703				
			100.00000				
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu		2,037.00				
22	% Input to System kWh Mix		48.670				
EFFICIENCY FACTOR, mmbtu/kWh							
	(A)	(B)	(C)	(D)			
			Percent of	Weighted			
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Centrl Stn + Wind/Hydro</u>	<u>Eff Factor</u>			
23	Industrial	0.014683	50.164	0.007366			
24	Diesel	0.011226	47.133	0.005291			
25	Other	0.012514	2.703	0.000338			
			100.0000				
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0129950			
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			12.88335			
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)			12.88335			
33	Revenue Tax Req Multiplier			1.0975			
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			14.13948			
				DG ENERGY COMPONENT			
				35	COMPOSITE COST OF DG ENERGY, ¢/kWh		25.399
				36	% Input to System kWh Mix		1.094
				37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)		0.27787
				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)		0.27787
				42	Loss Factor		1.062
				43	Revenue Tax Req Multiplier		1.0975
				44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)		0.32387
				SUMMARY OF			
				TOTAL GENERATION FACTOR, ¢/kWh			
				45	Cntrl Stn+Wind/Hydro (line 34)		14.13948
				46	DG (line 44)		0.32387
				47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)		14.46335

¹ Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST RECOVERY (ECR) FILING - December 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	22.137	94	IFO \$, baseline month	\$2,210,428
	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable		95	IFO mmbtu, baseline	161,987
49	PGV	On Peak 20.967	96	Baseline IFO, ¢/mmbtu	1364.57
50	PGV	Off Peak 21.323		Baseline Diesel	
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		Month IFO	
55	Wailuku Hydro	On Peak 20.967	100	IFO mmbtu, budget	278,640
56	Wailuku Hydro	Off Peak 21.323	101	IFO Cost, ¢/mmbtu	1,688.57
57	Hawi Renewable Dev.	On Peak 15.500	102	IFO ECRC Fossil Cost	\$4,705,026
58	Hawi Renewable Dev.	Off Peak 15.500	103	IFO Base ECRC Recovery Target	\$3,802,239
59	Tawhiri (Pakini Nui)	On Peak 17.430	104	IFO differential	\$902,787
60	Tawhiri (Pakini Nui)	Off Peak 17.370		Month Diesel	
61	HEP Biodiesel	22.137	105	Diesel mmbtu, budget	261,802
62	Small Hydro (>100 KW)	On Peak 20.967	106	Diesel Cost, ¢/mmbtu	2,524.67
63	Small Hydro (>100 KW)	Off Peak 21.323	107	Diesel ECRC Fossil Cost	\$6,609,637
63a	CBRE	15.000	108	Diesel Base ECRC Recovery Target	\$6,754,366
64	Sch Q Hydro (<100 KW)	20.690	109	Diesel differential	-\$144,728
65	FIT	23.800	110	Total Fossil	\$758,059
65.1	Waikoloa Solar	0.0000	111	2% of above	\$15,161
65.2	Unused	0.0000		Derivation of Non-Adjustable Component:	
65.3	Unused	0.0000			
65.4	Unused	0.0000			
	PURCHASED ENERGY KWH MIX, %,		112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$12,850
66	HEP, Fossil	0.158	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 22.475	115	Fossil Risk % Proration (based on 365 day year)	100.00%
68	PGV	Off Peak 12.971	116	Maximum Annual Cap (bi-directional) prorated	\$600,000
69	PGV - Add'l	On Peak 4.127	117	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$15,161
70	PGV - Add'l	Off Peak 2.948	118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$2,312
71	PGV - Add'l 8 MW	On Peak 6.571	119	Fossil Cost Risk Sharing before taxes	\$15,161
72	PGV - Add'l 8 MW	Off Peak 6.459	120	Revenue Tax Adjustment	1,097,514
73	Wailuku Hydro	On Peak 3.601	121	Fossil Cost Risk Sharing w/revenue tax	\$16,640
74	Wailuku Hydro	Off Peak 2.864	122	Forecasted Month MWh Sales	91,663
75	Hawi Renewable Dev.	On Peak 3.836	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	-0.0182
76	Hawi Renewable Dev.	Off Peak 1.997			
77	Tawhiri (Pakini Nui)	On Peak 11.822			
78	Tawhiri (Pakini Nui)	Off Peak 7.983			
79	HEP Biodiesel	0.039	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	0.184	93C	Non-Adj Revenues, \$000	\$14.4
82	Sch Q Hydro (<100 KW)	0.030	93D	2019 TY Sales, MWh	1,061,718
83	FIT	0.567		HELCO-301	
83.1	Waikoloa Solar	11.3680	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	22.1370			
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	15.2939			
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	15.305	124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	23.42478
85	% Input to System kWh Mix	50.236	125	Fossil Fuel Cost Risk Sharing Component (Line 123)	(0.018)
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	7.68862	126	Non-Adjustable Component (Line 93E)	0.00135
87	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000	127	ECA Reconciliation Adjustment	1.166
88	Base % Input to Sys kWh Mix	0.00	128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	24.574
89	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))	0.00000			
90	COST LESS BASE (Lines (86 - 89))	7.68862			
91	Loss Factor	1.062			
92	Revenue Tax I*	1.0975			
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	8.96143			

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

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	106.1411	106.1411
Land Transportation Cost - \$/BBL	--	1.5473
Industrial Costs For Filing - \$/BBL	106.1411	107.6884
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	<u>1,684.78</u>	<u>1,709.34</u>

DIESEL FUEL COSTS:

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	144.0510	144.0510	144.0510
Land Transportation Cost - \$/BBL	3.9823	1.7407	1.7839
Diesel Costs For Filing - \$/BBL	148.0333	145.7917	145.8349
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	<u>2,526.16</u>	<u>2,487.91</u>	<u>2,488.65</u>

ULSD FUEL COSTS:

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	139.3200	139.3200	139.3200	139.3200
Land Transportation Cost - \$/BBL	3.8872	3.3632	1.3707	-
ULSD Costs For Filing - \$/BBL	143.2072	142.6832	140.6907	139.3200
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	<u>2,499.25</u>	<u>2,490.11</u>	<u>2,455.34</u>	<u>2,431.41</u>

Dispersed Generation, cents per kWh

	COMPOSITE COST OF DISP. GEN.
BBIs Fuel:	<u>1978.9683</u>
\$/BBI Inv Cost:	<u>139.3200</u>
Fuel \$ (Prod Sim Consumption x Unit Cost)	275,709.90
Net kWh (from Prod Sim)	1,085,500
cents/kWh:	25.399

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 10/31/2023	0	0.00	36,495	3,812,458.49			
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	(10,720)	(1,113,988.76)			
Actual	0	0.00	11,471	1,189,966.88			
Consumed: Estimate	0	0.00	12,939	1,340,136.19			
Actual	0	0.00	(13,054)	(1,291,517.96)			
Balance Per G/L 10/31/2023	0	0.00	37,131	3,937,054.84			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	6,210	636,666.61			
Consumed	0	0.00	(9,893)	(1,042,068.57)	106.5901	0.0000	106.5901
Balance @ 11/30/2023	0	0.00	#####	3,531,652.88			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 11/30/2023	0	0.00	33,448	3,531,652.88			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(3,531,652.88)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	3,550,205.99			
Total @ 12/01/2023 Avg Price	0	0.00	33,448	3,550,205.99			

Weighted Avg Cost/BBL by Location #DIV/0! 105.5864

Weighted Avg Cost/BBL @ Avg Cost 106.1411

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 10/31/2023	9,822	1,024,621.26	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	16,819.93	0.00			
Balance Per G/L 10/31/2023	9,822	1,041,441.19	15,197.79			
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0	0.00			
Consumed	0	0.00	0.00	105.3339	1.5473	106.8813
Balance @ 11/30/2023	9,822	1,041,441.19	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	1,041,441.19	15,197.79		1.5473	
Reverse Fuel Balance	xxxxxxxxxx	(1,041,441.19)	xxxxxxxxxxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	1,042,517.44	xxxxxxxxxxxxxxxxxxxxxxxx			
Total @ 12/01/2023 Avg Price	9,822	1,042,517.44	15,197.79			
Weighted Avg Cost/BBL by Location		106.0315	1.5473			
Weighted Avg Cost/BBL @ Avg Cost		106.1411	1.5473			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 10/31/2023	43,985.0	1,847,369.0	6,552,657.1	176,840.5			
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		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers in: Estimate	(46,308.1)	(1,944,942.0)	(6,670,518.0)	(207,164.1)			
Actual	47,690.8	2,003,013.0	6,885,435.3	212,086.45			
Consumed: Estimate	39,580.5	1,662,383.0	5,258,603.4	162,277.77			
Actual	(37,548.2)	(1,577,024.0)	(4,831,585.6)	(171,515.2)	128.6769		
Balance Per G/L 10/31/2023	47,400.0	1,990,799	7,194,592.17	172,525.36	151.7847		
Purchases	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	35,170.5	1,477,162.0	5,126,918.6	157,338.9	145.7732		
Consumed	(27,410.5)	(1,151,243.0)	(4,067,804.6)	(110,203.39)	148.4029	4.0205	152.4234
Balance @ 11/30/2023	55,160.0	2,316,718	8,253,706.12	219660.82143	149.6322		
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	55,160.0	2,316,718	8,253,706.12	219,660.82	149.6322		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	(8,253,706.1)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	7,945,847.1	xxxxxxxxxxxxxxxx			
Total @ 12/01/2023 Avg Price	55,160.0	2,316,718	7,945,847.11	219,660.82	144.0510		

Weighted Avg Cost/BBL by Location	149.6322	3.9823
Weighted Avg Cost/BBL @ Avg Cost	144.0510	3.9823

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 10/31/2023	1237.6	51,979	192,355	1,320			
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	-1507.9	-63330.0	-220376.2	-2317.0			
Actual	2069.6	86923.0	304440.3	3176.7			
Consumed: Estimate	1810.0	76020.0	240473.5	2335.6			
Actual	-2309.2	-96988.0	-319557.5	-3178.3			
Balance Per G/L 10/31/2023	1300.1	54,604	197,334.59	1,336.83	151.7847		
Purchases	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer in	5284.9	221965.0	743134.4	8120.7	#DIV/0!		
Consumed	-3190.5	-133999.0	-473472.4	-3402.2	148.4029	1.0664	149.4693
Balance @ 11/30/2023	3,394.5	142,570	466,996.66	#####	137.5735		
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	3,394.5	142,570	466,996.66	6,055.41	137.5735		
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	-466,996.66	XXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	488,984.60	XXXXXXXXXX			
Total @ 12/01/2023 Avg Price	3,394.5	142,570	488,984.60	6,055.41	144.0510		

Weighted Avg Cost/BBL by Location

137.5735 1.7839

Weighted Avg Cost/BBL @ Avg Cost

144.0510 1.7839

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 10/31/2023	2,236.3	93,925	304,738.55	8,175.69			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(378.1)	(15,881)	(55,859.87)	(1,691.55)			
Actual	376.6	15,817	55,634.77	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		123	0.00	13.10			
Actual		(105)	0.00	1,684.74			
Consumed: Estimate	314.7	13,217	42,499.79	1,208.80			
Actual	(520.3)	(21,853)	(65,466.57)	(2,003.51)	125.8224		
Balance Per G/L 10/31/2023	2,029.6	85,243	281,546.67	7,387.27	138.7206		
Purchases	376.7	15,822	52,411.21	1,685.27	0.0000		
Estimated Purchases	380.0	15,960	52,868.34	1,699.97			
Transfer in	(13.1)	(550)	0.00	(58.58)	0.00		
Consumed	(286.0)	(12,012)	(39,556.13)	(1,045.58)	138.3082	3.6559	141.9640
Balance @ 11/30/2023	2,487.2	104,463	347,270.09	#####	139.6221		
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	2,487.2	104,463	347,270.09	9,668.34	139.6221		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxx	(347,270.09)	xxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxx	346,518.74	xxxxxxxxxx			
Total @ 12/01/2023 Avg Price	2,487.2	104,463	346,518.74	9,668.34	139.3200		
Weighted Avg Cost/BBL by Location			139.6221	3.8872			
Weighted Avg Cost/BBL @ Avg Cost			139.3200	3.8872			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 10/31/2023	762.2	32,013.0	107,878.2	2,783.63			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(15,803)	(55,606.07)	(1,401.58)			
Actual		15,803.0	55,585.5	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(4.1)	(173)	0.00	0.00			
Actual	5.7	238	0.00	1,401.58			
Consumed: Estimate	415.1	17,436	56,066.15	1,671.09			
Actual	(577.8)	(24,269)	(80,542.83)	(2,640.63)			
Balance Per G/L 10/31/2023	601.1	25,245	83,380.99	1,814.09	138.7206		
ULSD Purchases	376.5	15,813	52,381.38	1,402.46	139.1272		
Estimated Purchases	380.0	15,960	52,868.33	1,415.50			
Transfer in	xxxxxxxxxxxx	14	0.00	0.00	#DIV/0!		
Consumed	(225.7)	(9,479)	(31,214.83)	(824.23)	138.3082	3.6520	141.9602
Balance @ 11/30/2023	1,132.2	47,553	157,415.86	3807.82142	139.0336		
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	1,132.2	47,553	157,415.86	3,807.82	139.0336		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(157,415.86)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	157,740.11	xxxxxxxxxxxx			
Total @ 12/01/2023 Avg Price	1,132.2	47,553	157,740.11	3,807.82	139.3200		

Weighted Avg Cost/BBL by Location

139.0336 3.3632

Weighted Avg Cost/BBL @ Avg Cost

139.3200 3.3632

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 10/31/2023	1,035.6	43,495.0	144,241.6	1,397.2
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(378.0)	(15,878)	(55,849.37)	(580.90)
Actual	376.5	15,811	55,613.70	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		(322)	0.00	(11.78)
Actual		322	0.00	578.46
Consumed: Estimate	606.7	25,482	81,938.38	839.05
Actual	(782.8)	(32,878)	(106,935.22)	(1,339.87)
Balance Per G/L 10/31/2023	857.9	36,032	119,009.06	882.14
ULSD Purchases	754	31,673	104,918.45	1,158.78
Estimated Purchases	950	-	-	-
Transfer in	0	11	0.00	0.40
Consumed	(511.8)	(21,495)	(70,784.14)	(690.48)
Balance @ 11/30/2023	2,050.5	86,121	285,314.18	2,810.61
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	2,050.5	86,121	285,314.18	2,810.61
Reverse Fuel Balance	x	x	(285,314.18)	x
Fuel Balance @ Avg Price	x	x	285,675.70	x
Total @ 12/01/2023 Avg Price	2,050.5	86,121	285,675.70	2,810.61
Weighted Avg Cost/BBL by Location			139.1437	1.3707
Weighted Avg Cost/BBL @ Avg Cost			139.3200	1.3707

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
December 1, 2023

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 10/31/2023	118.6	4,982	17,499.22	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	5.5	233	749.22	
Actual	(16.1)	(676)	(3,256.71)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 10/31/2023	108.07	4,539	14,991.73	138.7205
Purchases	11.7	493	1,633.11	139.1290
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(1.4)	(60)	(197.58)	138.3082
Balance @ 11/30/2023	118.4	4,972	16,427.25	138.7660
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 11/30/2023	118.4	4,972	16,427.25	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(16,427.25)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	16,492.84	xxxx
Total @ 12/01/2023 Avg Price	118.4	4,972	16,492.84	139.3200

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

		December 1, 2023 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	20.967	6.560
PGV (22 MW)	- off peak	21.323	5.430
WAILUKU HYDRO	- on peak	20.967	7.240
	off peak	21.323	5.970
Other: (<100 KW)	Sch Q Rate	20.690	
		December 1, 2023 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
HEP		22.137	
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
December 1, 2023

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	\$2,921,600
2	Monthly Amount ($\frac{1}{3}$ x Line 1)	\$973,867
3	Revenue Tax Divisor	0.91115
	Total (Line 2 / Line 3)	\$1,068,832
5	Estimated MWh Sales (December 1, 2023)	91,663 mwh
6	Adjustment (Line 4 / Line 5)	1.166 ¢/kwh

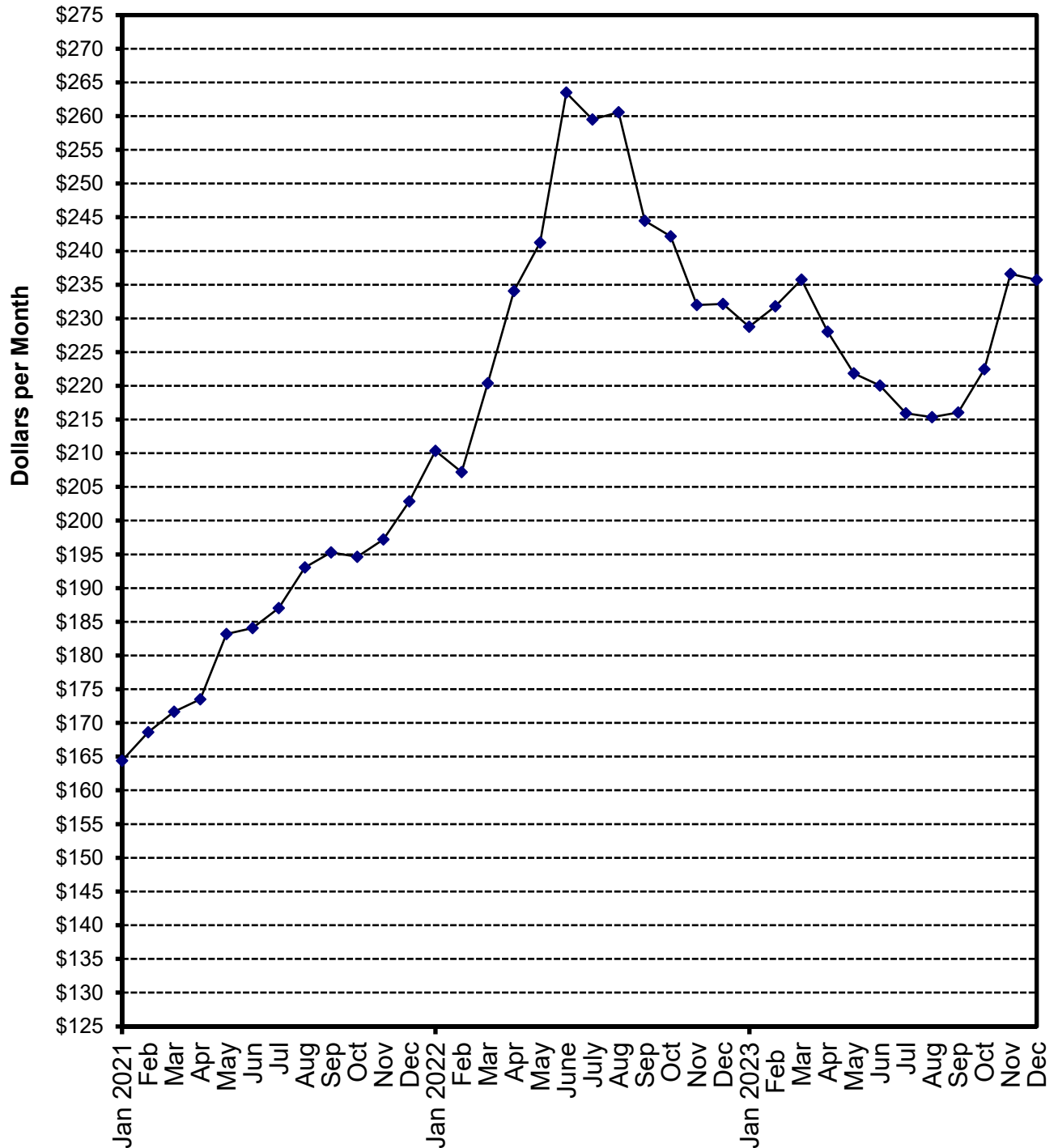
HAWAII ELECTRIC LIGHT COMPANY, INC.
2023 Cumulative Reconciliation Balance

<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)	(134,153)	136,230
April					(124,767)	(131,121)	5,109
May	(707,400)	(1)	(23,941)	(683,459)	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)	(433,378)	514,284
July					(450,133)	(427,819)	86,465
August	2,185,400	[2]	28,744	2,156,656	(728,467)	(698,531)	1,544,590
September					(728,467)	(699,831)	844,759
October					(728,467)	(726,080)	118,679
November	(2,921,600)	[3]	80,886	(3,002,486)	973,867		
December					973,867		

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 & COMMERCIAL</u>	<u>RESIDENTIAL BILL (\$) @ 500 KWH</u>	<u>RESIDENTIAL BILL (\$) @ 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
August 1, 2023	20.002	215.35	257.83
September 1, 2023	20.147	216.03	258.64
October 1, 2023	21.429	222.45	266.36
November 1, 2023	24.789	236.60	283.33
December 1, 2023	24.574	235.71	282.27

**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
8/1/2023-8/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.4133 CENTS/KWH
8/1/2023-10/31/2023	RESIDENTIAL DSM ADJUSTMENT	0.0155 CENTS/KWH
9/1/2023-9/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.4057 CENTS/KWH
10/1/2023-10/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	3.4082 CENTS/KWH
11/1/2023	RESIDENTIAL DSM ADJUSTMENT	0.0115 CENTS/KWH
11/1/2023-11/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.9184 CENTS/KWH
12/1/2023-12/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	2.9530 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			
	11/1/2023	12/01/23	11/1/2023	12/01/23	Difference	
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$73.74	\$73.74	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$33.52	\$33.52	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$85.24	\$85.24	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	% except ECRC	7.6200%	7.6200%	\$7.98	\$7.99	\$0.01
Purchased Power Adj. Clause	¢/kwh	2.9184	2.9530	\$14.59	\$14.77	\$0.18
PBF Surcharge	¢/kwh	0.7195	0.7195	\$3.60	\$3.60	\$0.00
DSM Adjustment	¢/kwh	0.0115	0.0115	\$0.06	\$0.06	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	24.789	24.574	\$123.95	\$122.87	-\$1.08
Green Infrastructure Fee	\$	1.18	1.18	\$1.18	\$1.18	\$0.00
Avg Residential Bill at 500 kwh				\$236.60	\$235.71	
				Increase (Decrease -)		-\$0.89
				% Change		-0.38%

	Rate		Charge (\$) at 600 Kwh			
	11/1/2023	12/01/23	11/1/2023	12/01/23	Difference	
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$90.49	\$90.49	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$101.99	\$101.99	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	% except ECRC	7.6200%	7.6200%	\$9.53	\$9.55	\$0.02
Purchased Power Adj. Clause	¢/kwh	2.9184	2.9530	\$17.51	\$17.72	\$0.21
PBF Surcharge	¢/kwh	0.7195	0.7195	\$4.32	\$4.32	\$0.00
DSM Adjustment	¢/kwh	0.0115	0.0115	\$0.07	\$0.07	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	24.789	24.574	\$148.73	\$147.44	-\$1.29
Green Infrastructure Fee	\$	1.18	1.18	\$1.18	\$1.18	\$0.00
Avg Residential Bill at 600 kwh				\$283.33	\$282.27	
				Increase (Decrease -)		-\$1.06
				% Change		-0.37%

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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To: [Mounthongdy, Christine](#)
Subject: Hawaii PUC CDMS eSERVICES - E-Filing F-297850 FILED Confirmation
Date: Tuesday, November 28, 2023 4:13:16 PM

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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.

Please note that filings submitted after 4:30 p.m. Hawaii Standard Time will be deemed "FILED" the next business day. The mere fact of filing shall not waive any failure to comply with Hawaii Administrative Rules Chapter 6-61, Rules of Practice and Procedure Before the Public Utilities Commission, or any other application requirements.

E-Filing Confirmation Number: F-297850

Account: Hawaii Electric Light Company, Inc.

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