



December 27, 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 January 2024

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") January 2024 Energy Cost Recovery factor is 24.611 cents per kilowatt-hour ("kWh"), an increase of 0.037 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$237.58, an increase of \$1.87 compared to rates effective December 1, 2023. The increase in the residential bill is due to the increase in the Energy Cost Recovery Factor (+\$0.19), increase in the RBA Rate Adjustment (+\$1.80), and increase in the Green Infrastructure Fee (+\$0.03), partially offset by the decrease in Purchased Power Adjustment Clause rate (-\$0.15).

The Company's fuel composite cost of generation increased 13.02 cents per million BTU to 2,050.02 cents per million BTU. The composite cost of distributed generation decreased 0.042 cents per kWh to 25.358 cents per kWh. The composite cost of purchased energy increased 0.285 cents per kWh to 15.590 cents per kWh.

The attached sheets set forth the energy cost recovery factor in cents per kWh for each rate schedule that applies for pro rata use beginning January 1, 2024.

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 FACTOREFFECTIVE DATES

	<u>12/01/23</u>	<u>1/1/2024</u>	<u>Change</u>
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Composite Cost

Generation, ¢/mmbtu	2,037.00	2,050.02	13.02
Dispersed Generation Energy, ¢/kWh	25.399	25.358	(0.042)
Purchased Energy, ¢/kWh	15.305	15.590	0.285

Residential Schedule "R"

Energy Cost Recovery - ¢/kWh	24.574	24.611	0.037
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Others - "G,J,P,F"

Energy Cost Recovery - ¢/kWh	24.574	24.611	0.037
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Residential Customer with:

500 KWH Consumption - \$/Bill	\$235.71	\$237.58	\$1.87
600 KWH Consumption - \$/Bill	\$282.27	\$284.51	\$2.24

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2024 (Page 1 of 2)

<u>Line</u>		
1	Effective Date	January 1, 2024
2	Supercedes Factors of	December 1, 2023

GENERATION COMPONENT

CENTRAL STATION WITH WIND/HYDRO COMPONENT							
FUEL PRICES, ¢/mmbtu							
3							
4	Hill Industrial		1,698.12				
5	Puna Industrial		1,722.68				
6	Keahole Diesel		2,520.81				
6a	Keahole ULSD		2,541.70				
7	Waimea ULSD Diesel		2,490.64				
8	Hilo Diesel		2,447.00				
8a	Hilo (Kanoelehua) ULSD Diesel ¹		2,468.06				
9	Puna Diesel		2,450.76				
10	Wind		0.00				
11	Hydro		0.00				
BTU MIX, %							
12							
13	Hill Industrial		48.529				
14	Puna Industrial		0.000				
15	Keahole Diesel		30.840				
15a	Keahole ULSD		0.344				
16	Waimea ULSD Diesel		0.381				
17	Hilo Diesel		0.418				
17a	Hilo (Kanoelehua) ULSD Diesel ¹		0.321				
18	Puna Diesel		16.816				
19	Wind		0.000				
20	Hydro		2.350				
			100.00000				
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu		2,050.02				
22	% Input to System kWh Mix		47.637				
EFFICIENCY FACTOR, mmbtu/kWh							
	(A)	(B)	(C)	(D)			
			Percent of				
			Centri Stn +	Weighted			
	<u>Fuel Type</u>	<u>Eff Factor</u>	<u>Wind/Hydro</u>	<u>Eff Factor</u>			
23	Industrial	0.014683	48.529	0.007126			
24	Diesel	0.011226	49.120	0.005514			
25	Other	0.012514	2.351	0.000294			
			100.0000				
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]			0.0129340			
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))			12.63093			
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)			12.63093			
33	Revenue Tax Req Multiplier			1.0975			
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))			13.86245			
				DG ENERGY COMPONENT			
				35	COMPOSITE COST OF DG ENERGY, ¢/kWh		25.358
				36	% Input to System kWh Mix		0.051
				37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)		0.01293
				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)		0.01293
				42	Loss Factor		1.062
				43	Revenue Tax Req Multiplier		1.0975
				44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)		0.01507
				SUMMARY OF			
				TOTAL GENERATION FACTOR, ¢/kWh			
				45	Cntrl Stn+Wind/Hydro (line 34)		13.86245
				46	DG (line 44)		0.01507
				47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)		13.87752

¹ Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST RECOVERY (ECR) FILING - January 1, 2024 (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	19.506	94	IFO \$, baseline month	\$4,490,727
	PURCHASED ENERGY PRICE, ¢/kWh – Renewable		95	IFO mmbtu, baseline	264,453
49	PGV	On Peak 20.031	96	Baseline IFO, ¢/mmbtu	1698.12
50	PGV	Off Peak 20.259		Baseline Diesel	
51	PGV - Add'l 5 MW	On Peak 14.060	97	Diesel \$, baseline month	\$6,680,476
52	PGV - Add'l 5 MW	Off Peak 14.060	98	Diesel mmbtu, baseline	267,672
53	PGV - Add'l 8 MW	On Peak 7.150	99	Baseline Diesel, ¢/mmbtu	2,495.77
54	PGV - Add'l 8 MW	Off Peak 7.150		Month IFO	
55	Wailuku Hydro	On Peak 20.031	100	IFO mmbtu, budget	264,453
56	Wailuku Hydro	Off Peak 20.259	101	IFO Cost, ¢/mmbtu	1,698.12
57	Hawi Renewable Dev.	On Peak 15.500	102	IFO ECRC Fossil Cost	\$4,490,727
58	Hawi Renewable Dev.	Off Peak 15.500	103	IFO Base ECRC Recovery Target	\$4,490,727
59	Tawhiri (Pakini Nui)	On Peak 17.540	104	IFO differential	\$0
60	Tawhiri (Pakini Nui)	Off Peak 17.500		Month Diesel	
61	HEP Biodiesel	19.506	105	Diesel mmbtu, budget	267,672
62	Small Hydro (>100 KW)	On Peak 20.031	106	Diesel Cost, ¢/mmbtu	2,495.77
63	Small Hydro (>100 KW)	Off Peak 20.259	107	Diesel ECRC Fossil Cost	\$6,680,476
63a	CBRE	15.000	108	Diesel Base ECRC Recovery Target	\$6,680,476
64	Sch Q Hydro (<100 KW)	19.710	109	Diesel differential	\$0
65	FIT	23.800	110	Total Fossil	\$0
65.1	Waikoloa Solar	0.0000	111	2% of above	\$0
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	\$0
66	HEP, Fossil	13.903	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 21.275	115	Fossil Risk % Proration (based on 365 day year)	100.00%
68	PGV	Off Peak 4.255	116	Maximum Annual Cap (bi-directional) prorated	\$600,000
69	PGV - Add'l	On Peak 13.373	117	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$0
70	PGV - Add'l	Off Peak 3.039	118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$0
71	PGV - Add'l 8 MW	On Peak 0.000	119	Fossil Cost Risk Sharing before taxes	\$0
72	PGV - Add'l 8 MW	Off Peak 1.825	120	Revenue Tax Adjustment	1.097514
73	Wailuku Hydro	On Peak 2.681	121	Fossil Cost Risk Sharing w/revenue tax	\$0
74	Wailuku Hydro	Off Peak 1.867	122	Forecasted Month MWh Sales	87,086
75	Hawi Renewable Dev.	On Peak 3.510	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0000
76	Hawi Renewable Dev.	Off Peak 1.770			
77	Tawhiri (Pakini Nui)	On Peak 9.169			
78	Tawhiri (Pakini Nui)	Off Peak 6.339			
79	HEP Biodiesel	3.475	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	1.097514
81a	CBRE	0.212	93C	Non-Adj Revenues, \$000	\$14.4
82	Sch Q Hydro (<100 KW)	0.024	93D	2019 TY Sales, MWh	1,061,718
83	FIT	0.633		HELCO-301	
83.1	Waikoloa Solar	12.6500	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	19.5060			
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	14.9574			
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	15.590	124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	23.38305
85	% Input to System kWh Mix	52.312	125	Fossil Fuel Cost Risk Sharing Component (Line 123)	0.000
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	8.15544	126	Non-Adjustable Component (Line 93E)	0.00135
87	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000	127	ECA Reconciliation Adjustment	1.227
88	Base % Input to Sys kWh Mix	0.00	128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	24.611
89	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))	0.00000			
90	COST LESS BASE (Lines (86 - 89))	8.15544			
91	Loss Factor	1.062			
92	Revenue Tax I*	1.0975			
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	9.50553			

Hawaii Electric Light Company, Inc.
FUEL OIL INVENTORY PRICES FOR January 1, 2024

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	106.9814	106.9814
Land Transportation Cost - \$/BBL	--	1.5473
Industrial Costs For Filing - \$/BBL	106.9814	108.5287
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	<u>1,698.12</u>	<u>1,722.68</u>

DIESEL FUEL COSTS:

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	141.8740	141.8740	141.8740
Land Transportation Cost - \$/BBL	5.8452	1.7407	1.5202
Diesel Costs For Filing - \$/BBL	147.7192	143.6147	143.3943
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	<u>2,520.81</u>	<u>2,450.76</u>	<u>2,447.00</u>

ULSD FUEL COSTS:

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	139.7285	139.7285	139.7285	139.7285
Land Transportation Cost - \$/BBL	5.9111	2.9850	1.6914	-
ULSD Costs For Filing - \$/BBL	145.6396	142.7135	141.4200	139.7285
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	<u>2,541.70</u>	<u>2,490.64</u>	<u>2,468.06</u>	<u>2,438.54</u>

Dispersed Generation, cents per kWh

	COMPOSITE COST OF DISP. GEN.
BBIs Fuel:	<u>86.2015</u>
\$/BBI Inv Cost:	<u>139.7285</u>
Fuel \$ (Prod Sim Consumption x Unit Cost)	12,044.81
Net kWh (from Prod Sim)	47,500
cents/kWh:	25.358

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 11/30/2023	0	0.00	33,448	3,531,652.88			
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	(6,210)	(636,666.61)			
Actual	0	0.00	10,321	1,084,277.90			
Consumed: Estimate	0	0.00	9,893	1,042,068.57			
Actual	0	0.00	(12,774)	(1,345,535.24)			
Balance Per G/L 11/30/2023	0	0.00	34,678	3,675,797.50			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	24,553	2,605,986.95			
Consumed	0	0.00	(28,113)	(2,983,943.46)	106.5901	0.0000	106.5901
Balance @ 12/31/2023	0	0.00	#####	3,297,840.99			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 12/31/2023	0	0.00	31,118	3,297,840.99			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(3,297,840.99)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	3,329,046.64			
Total @ 01/01/2024 Avg Price	0	0.00	31,118	3,329,046.64			

Weighted Avg Cost/BBL by Location #DIV/0! 105.9786

Weighted Avg Cost/BBL @ Avg Cost 106.9814

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 11/30/2023	9,822	1,041,441.19	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	0.00	0.00			
Balance Per G/L 11/30/2023	<u>9,822</u>	<u>1,041,441.19</u>	<u>15,197.79</u>			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	0	0	0.00			
Consumed	0	<u>0.00</u>	0.00	106.1411	1.5473	107.6884
Balance @ 12/31/2023	<u>9,822</u>	<u>1,041,441.19</u>	<u>15,197.79</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>9,822</u>	<u>1,041,441.19</u>	<u>15,197.79</u>		<u>1.5473</u>	
Reverse Fuel Balance	xxxxxxxxxxxx	(1,041,441.19)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	1,050,771.13	xxxxxxxxxxxx			
Total @ 01/01/2024 Avg Price	<u>9,822</u>	<u>1,050,771.13</u>	<u>15,197.79</u>			
Weighted Avg Cost/BBL by Location		106.0315	1.5473			
Weighted Avg Cost/BBL @ Avg Cost		106.9814	1.5473			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 11/30/2023	55,160.0	2,316,718.0	8,253,706.1	219,660.8			
Less: Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate	0.0	0.0	0.0	0.0			
Actual	0.0	0.0	0.0	0.0			
Transfers out: Estimate		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfers in: Estimate	(35,170.5)	(1,477,162.0)	(5,126,918.6)	(157,338.9)			
Actual	33,276.1	1,397,596.0	4,811,629.2	147,481.91			
Consumed: Estimate	27,410.5	1,151,243.0	4,067,804.6	110,203.39			
Actual	(26,463.3)	(1,111,458.0)	(4,058,640.1)	(2,688.9)	153.3687		
Balance Per G/L 11/30/2023	54,212.8	2,276,937	7,947,581.26	317,318.35	146.5998		
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	24,539.9	1,030,675.0	3,492,814.8	109,781.6	142.3322		
Consumed	(17,833.3)	(748,997.0)	(2,568,899.5)	(71,016.54)	144.0510	3.9823	148.0333
Balance @ 12/31/2023	60,919.4	2,558,615	8,871,496.54	356,083.42154	145.6268		
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	60,919.4	2,558,615	8,871,496.54	356,083.42	145.6268		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	(8,871,496.5)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	8,642,880.8	xxxxxxxxxxxxxxxx			
Total @ 01/01/2024 Avg Price	60,919.4	2,558,615	8,642,880.75	356,083.42	141.8740		

Weighted Avg Cost/BBL by Location	145.6268	5.8452
Weighted Avg Cost/BBL @ Avg Cost	141.8740	5.8452

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2023	8,036.5	337,535.0	1,002,543.5	13,989.2			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfers out: Estimate		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Actual		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfers in: Estimate	(22,643.4)	(951,021.0)	(3,156,769.4)	(39,415.3)			
Actual	18,397.4	772,690.0	2,520,611.6	31,468.2			
Consumed: Estimate	18,589.0	780,737.0	2,758,657.9	32,357.8			
Actual	(18,184.4)	(763,745.0)	(2,510,036.7)	(31,097.4)			
Balance Per G/L 11/30/2023	4,195.1	176,196	615,006.93	7,302.49			
Purchases	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfer out	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
Transfer in	7,618.2	319,965.0	1,037,095.8	13,261.0	136.1337		
Consumed	(7,039.5)	(295,658)	(1,014,043.7)	(12,253.62)	144.0510	1.7407	#####
Balance @ 12/31/2023	4,773.9	200,503	#####	8,309.90	133.6563		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 12/31/2023	4,773.9	200,503	638,059.03	8,309.90	133.6563		
Reverse Fuel Balance	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	(638,059.03)	XXXXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	677,289.67	XXXXXXXXXXXXXX			
Total @ 01/01/2024 Avg Price	4,773.9	200,503	677,289.67	8,309.90	141.8740		

Weighted Avg Cost/BBL by Location 133.6563 1.7407

Weighted Avg Cost/BBL @ Avg Cost 141.8740 1.7407

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 11/30/2023	3394.5	142,570	466,997	6,055			
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	-5284.9	-221965.0	-743134.4	-8120.7			
Actual	3202.5	134506.0	446068.7	4626.5			
Consumed: Estimate	3190.5	133999.0	473472.4	3402.2			
Actual	-2242.7	-94193.0	-312098.3	-2501.4			
Balance Per G/L 11/30/2023	2259.9	94,917	331,304.98	3,461.92	146.5998		
Purchases	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
Transfer in	-0.7	-31.0	0.0	-1.1	0.0000		
Consumed	-99.6	-4185.0	-14353.7	-177.8	144.0510	1.7839	145.8349
Balance @ 12/31/2023	2,159.5	90,701	316,951.33	3283.03542	146.7675		
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	2,159.5	90,701	316,951.33	3,283.04	146.7675		
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	-316,951.33	XXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	306,383.70	XXXXXXXXXX			
Total @ 01/01/2024 Avg Price	2,159.5	90,701	306,383.70	3,283.04	141.8740		

Weighted Avg Cost/BBL by Location

146.7675 1.5202

Weighted Avg Cost/BBL @ Avg Cost

141.8740 1.5202

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 11/30/2023	2,487.2	104,463	347,270.09	9,668.34			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(756.7)	(31,782)	(105,279.55)	(3,385.24)			
Actual	565.5	23,749	78,669.81	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		550	0.00	58.58			
Actual		(816)	0.00	2,529.61			
Consumed: Estimate	286.0	12,012	39,556.13	1,045.58			
Actual	(234.0)	(9,828)	(32,364.12)	3,789.09	138.3082		
Balance Per G/L 11/30/2023	2,341.6	98,348	327,852.36	13,705.97	140.0110		
Purchases	0.0	0	0.00	0.00	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(3.9)	(165)	0.00	(17.57)	0.00		
Consumed	(64.2)	(2,695)	(8,939.70)	(249.43)	139.3200	3.8872	143.2072
Balance @ 12/31/2023	2,273.5	95,488	318,912.66	#####	140.2724		
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	2,273.5	95,488	318,912.66	13,438.97	140.2724		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(318,912.66)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	317,676.09	xxxxxxxxxxxx			
Total @ 01/01/2024 Avg Price	2,273.5	95,488	317,676.09	13,438.97	139.7285		

Weighted Avg Cost/BBL by Location

140.2724 5.9111

Weighted Avg Cost/BBL @ Avg Cost

139.7285 5.9111

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 11/30/2023	1,132.2	47,553.0	157,415.9	3,807.82			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(31,773)	(105,249.71)	(2,817.96)			
Actual		15,813.0	52,381.4	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(0.3)	(14)	0.00	0.00			
Actual	(2.4)	(100)	0.00	1,402.46			
Consumed: Estimate	225.7	9,479	31,214.83	824.23			
Actual	(188.3)	(7,910)	(26,048.04)	(845.08)			
Balance Per G/L 11/30/2023	786.9	33,048	109,714.33	2,371.47	139.4336		
ULSD Purchases	0.0	0	0.00	0.00	#DIV/0!		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	xxxxxxxxxxxx	71	0.00	0.00	#DIV/0!		
Consumed	(46.8)	(1,964)	(6,514.87)	(157.27)	139.3200	3.3632	142.6832
Balance @ 12/31/2023	741.8	31,155	103,199.46	2,214.19827	139.1230		
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	741.8	31,155	103,199.46	2,214.20	139.1230		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(103,199.46)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	103,648.61	xxxxxxxxxxxx			
Total @ 01/01/2024 Avg Price	741.8	31,155	103,648.61	2,214.20	139.7285		
Weighted Avg Cost/BBL by Location			139.1230	2.9850			
Weighted Avg Cost/BBL @ Avg Cost			139.7285	2.9850			

HAWAII ELECTRIC LIGHT CO., INC.
Estimated Weighted Average
January 1, 2024

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 11/30/2023	2,050.5	86,121.0	285,314.2	2,810.6
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(1,704.1)	(71,573)	(237,089.26)	(2,618.55)
Actual	754.1	31,673	104,918.45	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		(11)	0.00	(0.40)
Actual		11	0.00	1,448.17
Consumed: Estimate	511.8	21,495	70,784.14	690.48
Actual	(384.7)	(16,157)	(53,205.85)	(262.16)
Balance Per G/L 11/30/2023	1,227.6	51,559	170,721.66	2,068.15
ULSD Purchases	0	0	0.00	0.00
Estimated Purchases	0	-	-	-
Transfer in	0	0	0.00	0.00
Consumed	(25.8)	(1,082)	(3,589.15)	(35.31)
Balance @ 12/31/2023	1,201.8	50,477	167,132.51	2,032.84
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	1,201.8	50,477	167,132.51	2,032.84
Reverse Fuel Balance	x	x	(167,132.51)	x
Fuel Balance @ Avg Price	x	x	167,930.38	x
Total @ 01/01/2024 Avg Price	1,201.8	50,477	167,930.38	2,032.84
Weighted Avg Cost/BBL by Location			139.0646	1.6914
Weighted Avg Cost/BBL @ Avg Cost			139.7285	1.6914

HAWAII ELECTRIC LIGHT CO., INC.

Estimated Weighted Average
January 1, 2024

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 11/30/2023	118.4	4,972	16,427.26	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	(11.7)	(493)	(1,633.11)	
Actual	11.7	493	1,633.11	
Consumed: Estimate	1.4	60	197.58	
Actual	(8.7)	(365)	(814.79)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 11/30/2023	111.12	4,667	15,810.05	142.2803
Purchases	28.3	1,189	3,681.79	130.0548
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(1.8)	(77)	(255.42)	139.3200
Balance @ 12/31/2023	137.6	5,779	19,236.42	139.8044
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 12/31/2023	137.6	5,779	19,236.42	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(19,236.42)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	19,225.98	xxxx
Total @ 01/01/2024 Avg Price	137.6	5,779	19,225.98	139.7285

Hawaii Electric Light Company, Inc.
PURCHASED POWER PRICES FOR January 1, 2024

		January 1, 2024 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	20.031	6.560
PGV (22 MW)	- off peak	20.259	5.430
WAILUKU HYDRO	- on peak	20.031	7.240
	off peak	20.259	5.970
Other: (<100 KW)	Sch Q Rate	19.710	
		January 1, 2024 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
HEP		19.506	
PGV Addtl 5 MW	- on peak	14.060	0.0000
	- off peak	14.060	0.0000
PGV Addtl 8 MW	- on peak	7.150	0.0000
	- off peak	7.150	0.0000

Hawaii Electric Light Company, Inc.
Energy Cost Reconciliation Adjustment
January 1, 2024

<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 (January 1, 2024)	87,086 mwh
6	Adjustment (Line 4 / Line 5)	1.227 ¢/kwh

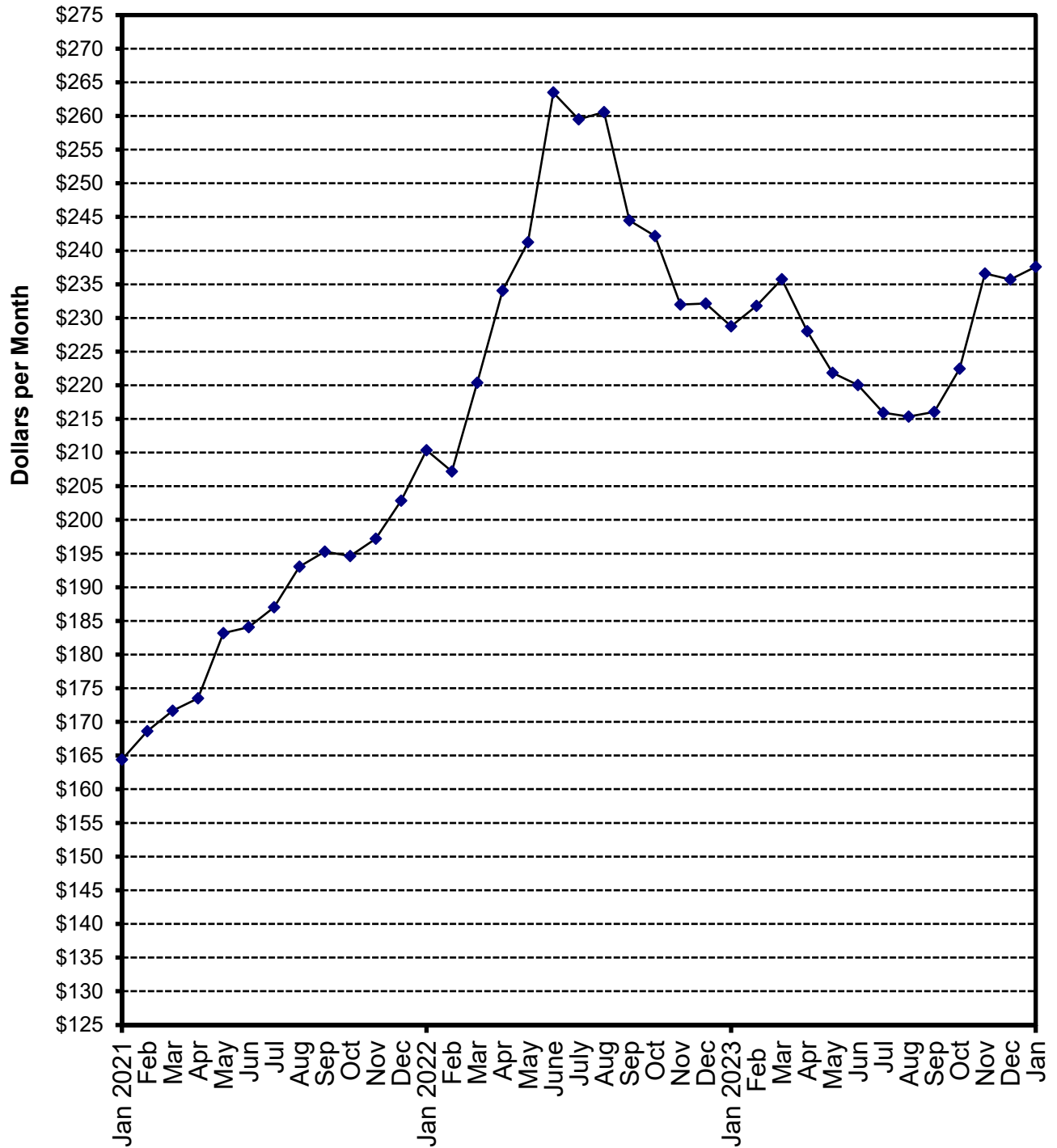
HAWAII ELECTRIC LIGHT COMPANY, INC.
2023 Cumulative Reconciliation Balance

Month	(1)		(2)		(3)		(4)	(5)	(6)
	YTD FOA Reconciliation	Qtr	FOA Rec Adjust Variance	FOA Rec Less Variance	Try to Collect	Actual Collect	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)	(134,153)	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	956,921	(1,926,885)		
December					973,867				
January 24					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 (\$)</u> <u>@ 500 KWH</u>	<u>RESIDENTIAL BILL (\$)</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
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
January 1, 2024	24.611	237.58	284.51

**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
6/1/2023-12/31/2023	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
1/1/2024-1/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.9249 CENTS/KWH
1/1/2024	RBA RATE ADJUSTMENT	9.35% Percent of All Rate Schedule Charges, excluding ECRC and RBA
1/1/2024-6/30/2024	GREEN INFRASTRUCTURE FEE	1.21 DOLLARS/MONTH

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

Calculations of the Average Residential Customer Bill

	Rate		Charge (\$) at 500 Kwh		
	12/1/2023	1/1/2024	12/1/2023	1/1/2024	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	7.62%	\$7.99	\$9.79	\$1.80
Purchased Power Adj. Clause	¢/kwh	2.9530	\$14.77	\$14.62	-\$0.15
PBF Surcharge	¢/kwh	0.7195	\$3.60	\$3.60	\$0.00
DSM Adjustment	¢/kwh	0.0115	\$0.06	\$0.06	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	24.574	\$122.87	\$123.06	\$0.19
Green Infrastructure Fee	\$	1.18	\$1.18	\$1.21	\$0.03
Avg Residential Bill at 500 kwh			\$235.71	\$237.58	
			Increase (Decrease -)		\$1.87
			% Change		0.79%

	Rate		Charge (\$) at 600 Kwh		
	12/1/2023	1/1/2024	12/1/2023	1/1/2024	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	7.62%	\$9.55	\$11.70	\$2.15
Purchased Power Adj. Clause	¢/kwh	2.9530	\$17.72	\$17.55	-\$0.17
PBF Surcharge	¢/kwh	0.7195	\$4.32	\$4.32	\$0.00
DSM Adjustment	¢/kwh	0.0115	\$0.07	\$0.07	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	24.574	\$147.44	\$147.67	\$0.23
Green Infrastructure Fee	\$	1.18	\$1.18	\$1.21	\$0.03
Avg Residential Bill at 600 kwh			\$282.27	\$284.51	
			Increase (Decrease -)		\$2.24
			% Change		0.79%

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.

From: noreply@salesforce.com on behalf of [PUC CDMS](#)
To: [Mounthongdy, Christine](#)
Subject: Hawaii PUC CDMS eSERVICES - E-Filing F-299034 FILED Confirmation
Date: Wednesday, December 27, 2023 3:41:22 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-299034
Account: Hawaii Electric Light Company, Inc.
Date and Time Submitted: 12/27/2023, 3:40 PM
Case or Docket Reference Number: PC-183391
Case or Docket Number (if applicable): Pending
Filing Category/Type: Reports / Energy Cost Adjustment Factors

To view and manage your account, log in to the Hawaii Public Utilities Commission's eServices portal.

This email address is not monitored. Should you have any questions, you may visit our website at <https://puc.hawaii.gov>, email us at puc@hawaii.gov, or call us at 808-586-2020, Monday-Friday 7:45 a.m. - 4:30 p.m.