



August 29, 2022

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 September 2022

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for September 2022 is 27.322 cents per kilowatt-hour ("kWh"), a decrease of 3.185 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$244.46, a decrease of (-\$16.10) compared to rates effective August 1, 2022. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$15.93) and a decrease in the Purchased Power Adjustment Clause rate (-\$0.17).

Hawai'i Electric Light's fuel composite cost of generation decreased 324.78 cents per million BTU to 2,284.12 cents per million BTU. The composite cost of distributed generation increased 0.781 cents per kWh to 23.754 cents per kWh. The composite cost of purchased energy decreased 1.922 cents per kWh to 18.992 cents per kWh.

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>8/01/22</u>	<u>9/01/22</u>	<u>Change</u>
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Composite Cost

Generation, ¢/mmbtu	2,608.90	2,284.12	(324.78)
Dispersed Generation Energy, ¢/kWh	22.973	23.754	0.781
Purchased Energy, ¢/kWh	20.914	18.992	(1.922)

Residential Schedule "R"

Energy Cost Recovery - ¢/kWh	30.507	27.322	(3.185)
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Others - "G,J,P,F"

Energy Cost Recovery - ¢/kWh	30.507	27.322	(3.185)
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## Residential Customer with:

500 KWH Consumption - \$/Bill	260.56	\$244.46	(\$16.10)
600 KWH Consumption - \$/Bill	312.13	\$292.81	(\$19.32)

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

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

<u>Line</u>		
1	Effective Date	September 1, 2022
2	Supercedes Factors of	August 1, 2022

**GENERATION COMPONENT**

<b>CENTRAL STATION WITH WIND/HYDRO COMPONENT</b>			
FUEL PRICES, ¢/mmbtu			
3			
4	Hill Industrial	1,662.42	
5	Puna Industrial	1,687.67	
6	Keahole Diesel	2,808.26	
6a	Keahole ULSD	2,374.29	
7	Waimea ULSD Diesel	2,362.97	
8	Hilo Diesel	2,767.27	
8a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	2,331.86	
9	Puna Diesel	2,809.38	
10	Wind	0.00	
11	Hydro	0.00	
BTU MIX, %			
12			
13	Hill Industrial	29.088	
14	Puna Industrial	15.741	
15	Keahole Diesel	48.514	
15a	Keahole ULSD	0.191	
16	Waimea ULSD Diesel	0.952	
17	Hilo Diesel	0.154	
17a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	0.173	
18	Puna Diesel	4.882	
19	Wind	0.000	
20	Hydro	0.304	
		<b>100.0000</b>	
21	COMPOSITE COST OF GENERATION, CENTRAL STATION + WIND/HYDRO ¢/mmbtu	2,284.12	
22	% Input to System kWh Mix	49.127	
EFFICIENCY FACTOR, mmbtu/kWh			
	(A)	(B)	(C) (D)
			Percent of
			Centri Stn +
			Wind/Hydro
			Eff Factor
	<u>Fuel Type</u>	<u>mmbtu/kwh</u>	<u>Wind/Hydro</u>
23	Industrial	0.014970	44.830
24	Diesel	0.010915	54.866
25	Other	0.012426	0.304
			100.0000
26	Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]		0.0127380
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))		14.29356
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)		14.29356
33	Revenue Tax Req Multiplier		1.0975
34	CENTRAL STATION + WIND/HYDRO GENERATION FACTOR, ¢/kWh (Line (32 x 33))		15.68718

<b>DG ENERGY COMPONENT</b>		
35	COMPOSITE COST OF DG ENERGY, ¢/kWh	23.754
36	% Input to System kWh Mix	0.031
37	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 35 x 36)	0.00736
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)	0.00736
42	Loss Factor	1.062
43	Revenue Tax Req Multiplier	1.0975
44	DG FACTOR, ¢/kWh (Line 41 x 42 x 43)	0.00858

SUMMARY OF		
TOTAL GENERATION FACTOR, ¢/kWh		
45	Cntrl Stn+Wind/Hydro (line 34)	15.68718
46	DG (line 44)	0.00858
47	TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	15.69576

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

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

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

Line	PURCHASED ENERGY COMPONENT		Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
48	PURCHASED ENERGY PRICE, ¢/kWh -- Fossil			<b>Baseline IFO</b>	
HEP	25.940		94	IFO \$, baseline month	\$2,858,536
			95	IFO mmbtu, baseline	208,648
			96	Baseline IFO, ¢/mmbtu	1370.03
49	PURCHASED ENERGY PRICE, ¢/kWh -- Renewable			<b>Baseline Diesel</b>	
PGV	On Peak	22.870	97	Diesel \$, baseline month	\$6,258,505
PGV	Off Peak	22.883	98	Diesel mmbtu, baseline	329,377
PGV - Add'l 5 MW	On Peak	13.650	99	Baseline Diesel, ¢/mmbtu	1,900.10
PGV - Add'l 5 MW	Off Peak	13.650			
PGV - Add'l 8 MW	On Peak	6.940			
PGV - Add'l 8 MW	Off Peak	6.940			
Wailuku Hydro	On Peak	22.870		<b>Month IFO</b>	
Wailuku Hydro	Off Peak	22.883	100	IFO mmbtu, budget	234,039
Hawi Renewable Dev.	On Peak	22.870	101	IFO Cost, ¢/mmbtu	1,671.29
Hawi Renewable Dev.	Off Peak	22.883	102	IFO ECRC Fossil Cost	\$3,911,466
Tawhiri (Pakini Nui)	On Peak	15.990	103	IFO Base ECRC Recovery Target	\$3,206,402
Tawhiri (Pakini Nui)	Off Peak	15.500	104	IFO differential	\$705,064
HEP Biodiesel		25.940			
Small Hydro (>100 KW)	On Peak	22.870		<b>Month Diesel</b>	
Small Hydro (>100 KW)	Off Peak	22.883	105	Diesel mmbtu, budget	286,434
CBRE		15.000	106	Diesel Cost, ¢/mmbtu	2,797.50
Sch Q Hydro (<100 KW)		22.460	107	Diesel ECRC Fossil Cost	\$8,013,000
FIT		23.800	108	Diesel Base ECRC Recovery Target	\$5,442,549
			109	Diesel differential	\$2,570,452
			110	Total Fossil	\$3,275,515
66	PURCHASED ENERGY KWH MIX, %, Fossil	6.625	111	2% of above	\$65,510
			112	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$340,386
			113	Maximum Annual Cap (bi-directional)	\$600,000
			114	Number of Days in year from implementation	365
			115	Fossil Risk % Proration (based on 365 day year)	100.00%
			116	Maximum Annual Cap (bi-directional) prorated	\$600,000
			117	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$65,510
			118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$405,897
			119	Fossil Cost Risk Sharing before taxes	\$65,510
			120	Revenue Tax Adjustment	1,097,514
			121	Fossil Cost Risk Sharing w/revenue tax	\$71,898
			122	Forecasted Month MWh Sales	86,062
			123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	-0.0835
				<b>Derivation of Non-Adjustable Component:</b>	
			93A	Ocean Cargo Insurance Exp, \$000	\$13.1
				HELCO-603, page 1, line 4	
			93B	Revenue Tax Adjustment	1,097,514
			93C	Non-Adj Revenues, \$000	\$14.4
			93D	2019 TY Sales, MWh	1,061,718
				HELCO-301	
			93E	Non-Adj Revenues, ¢/kWh	0.00135
83a	Comp. Cost Purchased Energy Fossil, ¢/kWh	25.9400			
83b	Comp. Cost Purchased Energy Renewable, ¢/kWh	18.4989			
84	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	18.992			
85	% Input to System kWh Mix	50.842			
86	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))	9.65591			
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))	9.65591			
91	Loss Factor	1.062			
92	Revenue Tax *	1.0975			
93	PURCHASED ENERGY FACTOR, ¢/kWh (Lines (90 x 91 x 92))	11.25440			
				<b>SYSTEM COMPOSITE</b>	
			124	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))	26.95016
			125	Fossil Fuel Cost Risk Sharing Component (Line 123)	(0.084)
			126	Non-Adjustable Component (Line 93E)	0.00135
			127	ECA Reconciliation Adjustment	0.454
			128	ECA FACTOR, ¢/kWh (Lines (124 + 125 + 126 + 127))	27.322

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

**INDUSTRIAL FUEL COSTS:**

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	104.7326	104.7326
Land Transportation Cost - \$/BBL	--	1.5909
Industrial Costs For Filing - \$/BBL	104.7326	106.3235
Conversion Factors - mmbtu/BBL	6.30	6.30
Industrial Costs For Filing - ¢/mmbtu	1,662.42	1,687.67

**DIESEL FUEL COSTS:**

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	160.8867	160.8867	160.8867
Land Transportation Cost - \$/BBL	3.6771	3.7432	1.2750
Diesel Costs For Filing - \$/BBL	164.5638	164.6299	162.1617
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
Diesel Costs For Filing - ¢/mmbtu	2,808.26	2,809.38	2,767.27

**ULSD FUEL COSTS:**

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	132.3508	132.3508	132.3508	132.3508
Land Transportation Cost - \$/BBL	3.6958	3.0473	1.2648	-
ULSD Costs For Filing - \$/BBL	136.0466	135.3981	133.6155	132.3508
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
ULSD Costs For Filing - ¢/mmbtu	2,374.29	2,362.97	2,331.86	2,309.79

**Dispersed Generation, cents per kWh**

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	49.8054
\$/BBI Inv Cost:	132.3508
Fuel \$ (Prod Sim Consumption x Unit Cost)	6,591.79
Net kWh (from Prod Sim)	27,750
cents/kWh:	23.754

HAWAII ELECTRIC LIGHT CO., INC.  
Estimated Weighted Average  
September 2022

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 07/31/2022	0	0.00	27,290	3,142,328.90			
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	(19,706)	(2,253,554.07)			
Actual	0	0.00	25,104	2,889,505.34			
Consumed: Estimate	0	0.00	31,527	3,558,310.62			
Actual	0	0.00	(35,771)	(4,023,931.17)			
Balance Per G/L 07/31/2022	0	0.00	28,444	3,312,659.62			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	47,558	4,944,554.57			
Consumed	0	0.00	(29,683)	(3,498,509.62)	106.5901	0.0000	106.5901
Balance @ 08/31/2022	0	0.00	46,319	4,758,704.57			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 08/31/2022	0	0.00	46,319	4,758,704.57			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(4,758,704.57)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	4,851,108.43			
Total @ 09/01/2022 Avg Price	0	0.00	46,319	4,851,108.43			

Weighted Avg Cost/BBL by Location #DIV/0! 102.7376  
 Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 104.7326

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 07/31/2022	9,553	1,086,216.34	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	26,350.01	0.00			
Balance Per G/L 07/31/2022	9,553	1,112,566.35	15,197.79			
Purchases	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer out	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfer in	0	0	0.00			
Consumed	0	0.00	0.00	117.8624	1.5909	119.4533
Balance @ 08/31/2022	9,553	1,112,566.35	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	9,553	1,112,566.35	15,197.79		1.5909	
Reverse Fuel Balance	xxxxxxxxxxxx	(1,112,566.35)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	1,000,510.35	xxxxxxxxxxxx			
Total @ 09/01/2022 Avg Price	9,553	1,000,510.35	15,197.79			

Weighted Avg Cost/BBL by Location

116.4625

1.5909

Weighted Avg Cost/BBL @ Avg Cost

104.7326

1.5909

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCLUD LT	BARREL LT	TOTAL
Balance at 07/31/2022	47,012.8	1,974,537.0	8,733,029.5	171,531.3			
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	(46,188.8)	(1,939,930.0)	(8,573,690.2)	(168,367.5)			
Actual	43,663.5	1,833,866.0	8,182,565.7	157,990.61			
Consumed: Estimate	44,007.3	1,848,307.0	7,491,808.8	151,200.31			
Actual	(46,873.0)	(1,968,667.0)	(7,891,585.5)	(158,972.0)	168.3609		
Balance Per G/L 07/31/2022	41,621.7	1,748,113	7,942,128.22	153,382.75	190.8168		
Purchases	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	50,020.1	2,100,846.0	8,368,074.6	182,333.4	167.2941		
Consumed	(44,254.5)	(1,858,687.0)	(8,162,711.6)	(161,466.79)	184.4495	3.6486	188.0981
Balance @ 08/31/2022	47,387.4	1,990,272	8,147,491.18	174,249.38	171.9336		
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	47,387.4	1,990,272	8,147,491.18	174,249.38	171.9336		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	(8,147,491.2)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	xxxxxxxxxxxxxxxx	7,624,008.2	xxxxxxxxxxxxxxxx			
Total @ 09/01/2022 Avg Price	47,387.4	1,990,272	7,624,008.18	174,249.38	160.8867		

Weighted Avg Cost/BBL by Location 171.9336 3.6771

Weighted Avg Cost/BBL @ Avg Cost 160.8867 3.6771



**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

PUNA CT-3

HS Diesel	BBL	GALLONS	COST EXCLUD LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 07/31/2022	3,673.0	154,264.0	769,504.7	13,784.5			
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	(12,981.1)	(545,205.0)	(2,347,229.5)	(18,411.1)			
Actual	11,846.6	497,558.0	2,187,559.5	16,294.6			
Consumed: Estimate	13,020.1	546,843.0	2,216,538.3	3,877.4			
Actual	(11,376.0)	(477,794.0)	(2,028,277.0)	(158.4)			
Balance Per G/L 07/31/2022	4,182.5	175,666	798,095.94	15,386.93			
Purchases		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX			
Transfer in	14,201.9	596,480.0	2,192,096.0	20,142.6	154.3523		
Consumed	(14,317.6)	(601,341)	(2,640,882.1)	(20,306.71)	184.4495	1.4183	185.8678
Balance @ 08/31/2022	4,066.8	170,805	349,309.84	15,222.78	85.8933		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 08/31/2022	4,066.8	170,805	349,309.84	15,222.78	85.8933		
Reverse Fuel Balance		XXXXXXXXXXXXXXXXXX	(349,309.84)	XXXXXXXXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXXXXXXXX	654,291.83	XXXXXXXXXXXXXXXXXX			
Total @ 09/01/2022 Avg Price	4,066.8	170,805	654,291.83	15,222.78	160.8867		

Weighted Avg Cost/BBL by Location 85.8933 3.7432

Weighted Avg Cost/BBL @ Avg Cost 160.8867 3.7432

HAWAII ELECTRIC LIGHT CO., INC.  
Estimated Weighted Average  
September 2022

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCL LT	LT	TOTAL
Balance at 07/31/2022	2539.6	106,665	481,904	3,182			
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	-2830.5	-118882.0	-530789.8	-3543.8			
Actual	2061.1	86567.0	394185.1	2356.4			
Consumed: Estimate	1782.1	74848.0	303384.1	2251.9			
Actual	-1889.7	-79367.0	-331423.5	-2130.9			
Balance Per G/L 07/31/2022	1662.6	69,831	317,260.24	2,115.72	190.8168		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	755.2	31718.0	120147.9	945.5	#DIV/0!		
Consumed	-979.8	-41150.0	-180716.6	-1227.6	184.4495	1.2530	185.7025
Balance @ 08/31/2022	1,438.1	60,399	256,691.53	1,833.58	178.4971		
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	1,438.1	60,399	256,691.53	1,833.58	178.4971		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -256,691.53	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 231,366.60	XXXXXXXXXXXX			
Total @ 09/01/2022 Avg Price	1,438.1	60,399	231,366.60	1,833.58	160.8867		

Weighted Avg Cost/BBL by Location

178.4971 1.2750

Weighted Avg Cost/BBL @ Avg Cost

160.8867 1.2750

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 07/31/2022	2,310.3	97,034	287,409.85	7,963.35			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(190.0)	(7,980)	(37,608.98)	(692.59)			
Actual	188.8	7,930	37,373.34	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx			
Transfers in: Estimate		298	0.00	25.86			
Actual		(693)	0.00	688.25			
Consumed: Estimate	226.7	9,520	27,104.62	809.06			
Actual	(356.0)	(14,950)	(34,203.69)	(795.47)	96.0906		
Balance Per G/L 07/31/2022	2,170.5	91,159	280,075.14	7,998.46	129.0400		
Purchases	188.5	7,917	31,097.86	687.12	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(20.1)	(846)	0.00	(73.42)	0.00		
Consumed	(127.2)	(5,342)	(16,280.43)	(438.40)	128.0004	3.4468	131.4472
Balance @ 08/31/2022	2,211.6	92,888	294,892.57	8,173.76	133.3379		
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	2,211.6	92,888	294,892.57	8,173.76	133.3379		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(294,892.57)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	292,709.50	xxxxxxxxxxxx			
Total @ 09/01/2022 Avg Price	2,211.6	92,888	292,709.50	8,173.76	132.3508		

Weighted Avg Cost/BBL by Location

133.3379      3.6958

Weighted Avg Cost/BBL @ Avg Cost

132.3508      3.6958

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 07/31/2022	724.1	30,411.0	114,729.5	2,199.83			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(15,898)	(74,925.76)	(1,148.94)			
Actual		15,842.0	74,661.8	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(0.9)	(38)	0.00	0.00			
Actual	0.9	38	0.00	1,144.89			
Consumed: Estimate	376.8	15,827	45,061.43	1,137.28			
Actual	(508.3)	(21,347)	(83,224.44)	(1,512.63)			
Balance Per G/L 07/31/2022	591.3	24,835	76,302.58	1,820.43	129.0400		
ULSD Purchases	368.7	15,487	37,316.78	1,119.23	101.2013		
Estimated Purchases	190.0	7,980	19,228.25	576.71			
Transfer in	xxxxxxxxxxxx	199	0.00	0.00	#DIV/0!		
Consumed	(281.6)	(11,828)	(36,047.35)	(855.59)	128.0004	3.0381	131.0385
Balance @ 08/31/2022	873.2	36,673	96,800.26	2,660.78	110.8611		
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	873.2	36,673	96,800.26	2,660.78	110.8611		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(96,800.26)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	115,564.29	xxxxxxxxxxxx			
Total @ 09/01/2022 Avg Price	873.2	36,673	115,564.29	2,660.78	132.3508		

Weighted Avg Cost/BBL by Location

110.8611 3.0473

Weighted Avg Cost/BBL @ Avg Cost

132.3508 3.0473

HAWAII ELECTRIC LIGHT CO., INC.  
Estimated Weighted Average  
September 2022

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 07/31/2022	1,169.2	49,105.0	137,333.8	1482.1
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	235.47
Consumed: Estimate	98.3	4,129	11,755.77	124.46
Actual	(206.6)	(8,677)	(12,193.54)	(492.09)
Balance Per G/L 07/31/2022	1,060.9	44,557	136,896.06	1,349.97
ULSD Purchases	370	15,520	60,962.31	462.64
Estimated Purchases	190	-	-	-
Transfer in	4	156	0.00	4.65
Consumed	(343.2)	(14,413)	(43,925.47)	(435.03)
Balance @ 08/31/2022	1,281.0	53,800	185,278.21	1,620.11
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	1,281.0	53,800	185,278.21	1,620.11
Reverse Fuel Balance	x	x	(185,278.21)	x
Fuel Balance @ Avg Price	x	x	169,535.04	x
Total @ 09/01/2022 Avg Price	1,281.0	53,800	169,535.04	1,620.11

Weighted Avg Cost/BBL by Location

144.6410

1.2648

Weighted Avg Cost/BBL @ Avg Cost

132.3508

1.2648

**HAWAII ELECTRIC LIGHT CO., INC.**  
Estimated Weighted Average  
September 2022

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 07/31/2022	134.8	5,663	15,844.45	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate	8.0	336	956.63	
Actual	(5.8)	(244)	880.47	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 07/31/2022	137.02	5,755	17,681.55	129.0400
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(37.3)	(1,566)	(4,772.59)	128.0004
Balance @ 08/31/2022	134.3	5,639	18,607.46	138.5908
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 08/31/2022	134.3	5,639	18,607.46	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(18,607.46)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	17,769.67	xxxx
Total @ 09/01/2022 Avg Price	134.3	5,639	17,769.67	132.3508

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

		<u>September 1, 2022</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	22.870	6.560
PGV (22 MW)	- off peak	22.883	5.430
WAILUKU HYDRO	- on peak	22.870	7.240
	off peak	22.883	5.970
Other: (<100 KW)	Sch Q Rate	22.460	

		<u>September 1, 2022</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		25.940	
PGV Addtl 5 MW	- on peak	13.650	0.0000
	- off peak	13.650	0.0000
PGV Addtl 8 MW	- on peak	6.940	0.0000
	- off peak	6.940	0.0000

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

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	\$1,068,900
2	Monthly Amount ( $\frac{1}{3}$ x Line 1)	\$356,300
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	\$391,044
5	Estimated MWh Sales (September 1, 2022)	86,062 mwh
6	Adjustment (Line 4 / Line 5)	0.454 ¢/kwh



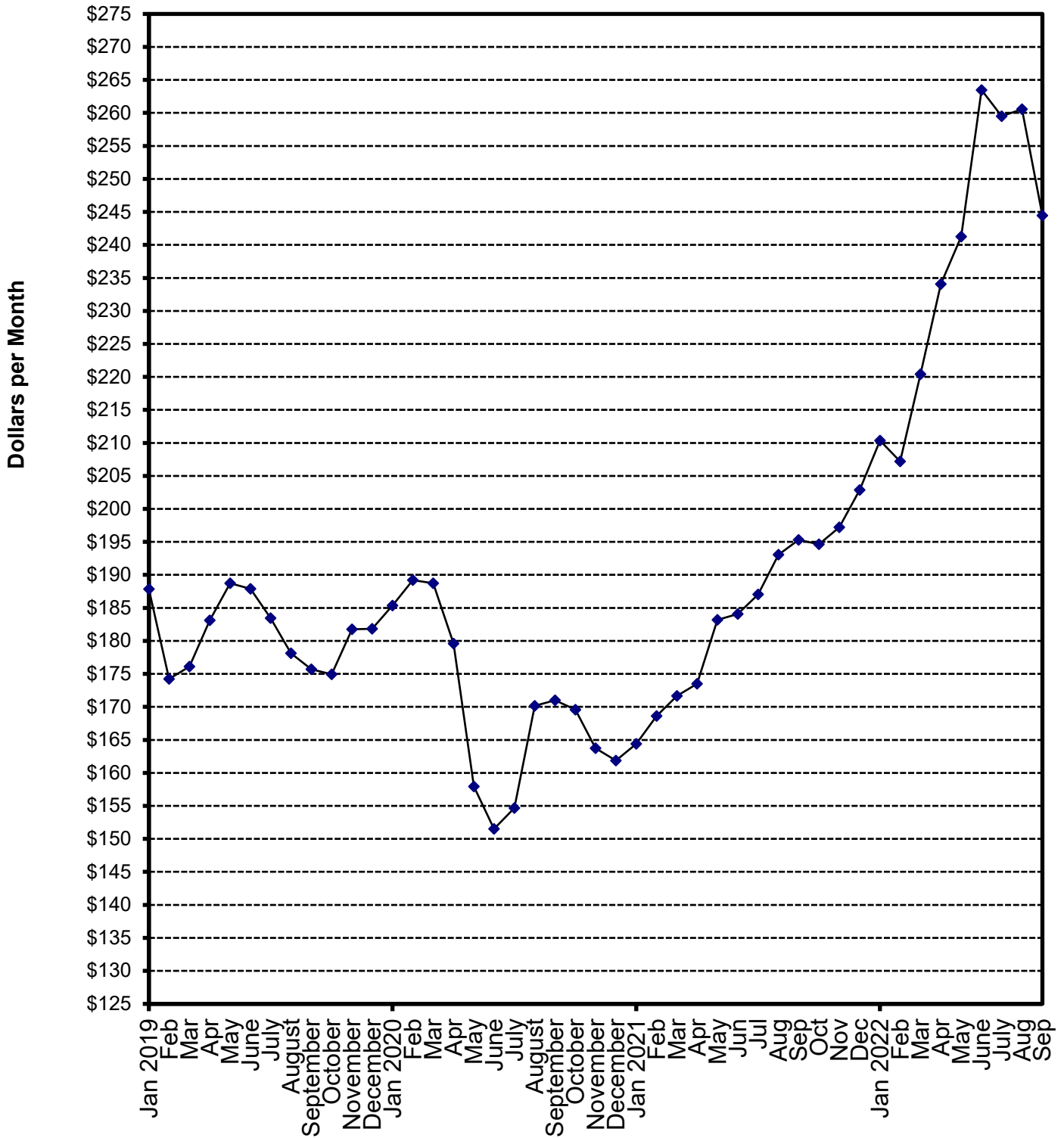
**HAWAII ELECTRIC LIGHT COMPANY, INC.**  
2022 Cumulative Reconciliation Balance

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		
September					356,300		

NOTES:

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 6)  
A positive number is an over-collection. A negative number is an under-collection.
- Col(2): FOA reconciliation adjustment variance accumulated during the last three months, starting with the fourth prior month; the difference between the estimated recorded sales used to derive the \$/kwh adjustment and the actual recorded sales.  
(Col(5)-Col(4))
- Col(3): FOA reconciliation generated in the current quarter. The YTD FOA reconciliation difference minus the adjustment variance. Col(1)-Col(2)
- Col(4): Amount that the FOA reconciliation adjustment is trying to collect. (Col(1) \* 1/3)
- Col(5): Actual collected amount. (recorded sales \* \$/kwh adjustment/1.09751)
- Col(6): Cumulative balance of the FOA reconciliation (Previous balance + Col(3) + Col(5))

## Hawaii Electric Light Company, Inc. Residential Bill at 500 KWH/Month Consumption



**HAWAII ELECTRIC LIGHT COMPANY, INC.  
FUEL OIL ADJUSTMENT FACTOR DATA**

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR</u> <u>CENTS / KWH</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>RESIDENTIAL &amp; COMMERCIAL</u>	<u>@ 500 KWH</u>	<u>@ 600 KWH</u>	
January 1, 2019	6.867	187.86	224.86	
February 1, 2019	14.631	174.25	208.53	
March 1, 2019	14.976	176.1	210.75	
April 1, 2019	16.469	183.12	219.17	
May 1, 2019	17.396	188.74	225.93	
June 1, 2019	17.318	187.89	224.90	
July 1, 2019	16.450	183.46	219.63	
August 1, 2019	15.331	178.14	213.25	
September 1, 2019	14.845	175.70	210.32	
October 1, 2019	14.692	174.93	209.40	
November 1, 2019	16.302	181.76	217.59	
December 1, 2019	16.288	181.82	217.67	
January 1, 2020	16.768	185.37	221.88	
February 1, 2020	17.547	189.22	226.49	
March 1, 2020	17.424	188.72	225.90	
April 1, 2020	15.644	179.61	214.96	
May 1, 2020	11.215	157.94	188.96	
June 1, 2020	10.575	151.51	181.25	
July 1, 2020	11.359	154.68	185.07	
August 1, 2020	14.389	170.16	203.65	
September 1, 2020	14.569	171.01	204.67	
October 1, 2020	14.274	169.56	202.93	
November 1, 2020	13.426	163.74	195.96	
December 1, 2020	13.032	161.87	193.70	
January 1, 2021	13.543	164.41	196.74	
February 1, 2021	14.523	168.63	201.81	
March 1, 2021	15.091	171.67	205.45	
April 1, 2021	15.486	173.51	207.68	
May 1, 2021	16.982	183.19	219.28	
June 1, 2021	16.726	184.08	220.35	
July 1, 2021	17.040	187.04	223.92	
August 1, 2021	18.134	193.08	231.16	
September 1, 2021	18.588	195.30	233.83	
October 1, 2021	18.447	194.63	233.01	
November 1, 2021	19.470	197.22	236.14	
December 1, 2021	20.549	202.87	242.91	
January 1, 2022	20.942	210.36	251.90	
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	

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
1/1/2020-10/31/2020	INTERIM RATE ADJUSTMENT 2019	4.0900 PERCENT ON BASE
1/1/2020-6/30/2020	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
2/1/2020- 2/29/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7631 CENTS/KWH
3/1/2020- 3/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7883 CENTS/KWH
4/1/2020- 4/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7717 CENTS/KWH
4/1/2020- 4/30/2020	SOLARSAVER ADJUSTMENT	-0.0267 CENTS/KWH
05/01/2020-5/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8396 CENTS/KWH
5/1/2020 -3/31/2021	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/2020-6/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8413 CENTS/KWH
6/1/2020-5/31/2021	RBA RATE ADJUSTMENT	-0.4623 CENTS/KWH
07/01/2020-7/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8592 CENTS/KWH
7/1/2020- 6/30/2021	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.5882 CENTS/KWH
7/1/2020	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
8/1/2020-8/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9261 CENTS/KWH
9/1/2020-9/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9161 CENTS/KWH
10/1/2020-10/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9222 CENTS/KWH
11/1/2020-11/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9106 CENTS/KWH
<b>11/1/2020</b>	<b>Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395</b>	
12/1/2020-12/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9291 CENTS/KWH
1/1/2021-1/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.9133 CENTS/KWH
1/1/2021-6/30/2021	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
2/1/2021-2/28/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7782 CENTS/KWH
3/1/2021-3/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.8172 CENTS/KWH
4/1/2021-4/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7966 CENTS/KWH
4/1/2021-4/30/2021	SOLARSAVER ADJUSTMENT	-0.0033 CENTS/KWH
5/1/2021-5/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2319 CENTS/KWH
5/1/2021-3/31/2022	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2021-6/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2333 CENTS/KWH
6/1/2021-12/31/2021	RBA RATE ADJUSTMENT	-0.0299 CENTS/KWH
7/1/2021-12/31/2021	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
7/1/2021-7/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4649 CENTS/KWH
7/1/2021-06/30/2022	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.6478 CENTS/KWH
8/1/2021-8/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4876 CENTS/KWH
8/1/2021-10/31/2021	RESIDENTIAL DSM ADJUSTMENT	0.0893 CENTS/KWH
9/1/2021-9/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4776 CENTS/KWH
10/1/2021-10/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4838 CENTS/KWH
11/1/2021-11/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.0761 CENTS/KWH
11/1/2021	RESIDENTIAL DSM ADJUSTMENT	-0.0051 CENTS/KWH
12/1/2021-12/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.1263 CENTS/KWH
1/1/2022-06/30/2022	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
1/1/2022-5/31/2022	RBA RATE ADJUSTMENT	1.0380 CENTS/KWH
1/1/2022-1/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1529 CENTS/KWH
2/1/2022-2/28/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.0987 CENTS/KWH
2/1/2022- 4/30/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0043 CENTS/KWH
3/1/2022-3/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1564 CENTS/KWH
4/1/2022-4/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1141 CENTS/KWH
4/1/2022-4/30/2022	SOLARSAVER ADJUSTMENT	-0.0011 CENTS/KWH
5/1/2022-5/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2917 CENTS/KWH
<b>5/1/2022</b>	<b>SOLARSAVER ADJUSTMENT</b>	<b>0.0000 CENTS/KWH</b>
5/1/2022-7/31/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0912 CENTS/KWH
6/1/2022-6/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.3052 CENTS/KWH
<b>6/1/2022</b>	<b>RBA RATE ADJUSTMENT</b>	<b>1.3708 CENTS/KWH</b>
7/1/2022-7/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.3333 CENTS/KWH
<b>7/1/2022-12/31/2022</b>	<b>GREEN INFRASTRUCTURE FEE</b>	<b>1.18 DOLLARS/MONTH</b>
<b>7/1/2022</b>	<b>RESIDENTIAL PBF SURCHARGE ADJUSTMENT</b>	<b>0.6488 CENTS/KWH</b>
8/1/2022-8/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.2981 CENTS/KWH
<b>8/1/2022</b>	<b>RESIDENTIAL DSM ADJUSTMENT</b>	<b>0.0035 CENTS/KWH</b>
<b>9/1/2022-9/30/2022</b>	<b>PURCHASED POWER ADJUSTMENT CLAUSE</b>	<b>2.2638 CENTS/KWH</b>

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

Calculations of the Average Residential Customer Bill

	Rate		Charge (\$) at 500 Kwh			
	8/01/22	9/01/22	8/01/22	9/01/22	Difference	
<b>Base Rates</b>	effective date:	11/01/2020	11/01/2020			
Base Fuel Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$73.74	\$73.74	\$0.00
First 300 kWh per month	¢/kwh	13.4059	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
<b>Total Base Charges</b>				\$85.24	\$85.24	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	1.3708	1.3708	\$6.85	\$6.85	\$0.00
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.2981	2.2638	\$11.49	\$11.32	-\$0.17
<b>PBF Surcharge</b>	¢/kwh	0.6488	0.6488	\$3.24	\$3.24	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0035	0.0035	\$0.02	\$0.02	\$0.00
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	30.5070	27.3220	\$152.54	\$136.61	-\$15.93
<b>Green Infrastructure Fee</b>	\$	1.18	1.18	\$1.18	\$1.18	\$0.00
<b>Avg Residential Bill at 500 kwh</b>				\$260.56	\$244.46	

Increase (Decrease -)	-\$16.10
% Change	-6.18%

	Rate		Charge (\$) at 600 Kwh			
	8/01/22	9/01/22	8/01/22	9/01/22	Difference	
<b>Base Rates</b>	effective date:	11/01/2020	11/01/2020			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$90.49	\$90.49	\$0.00
First 300 kWh per month	¢/kwh	13.4059	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
<b>Total Base Charges</b>				\$101.99	\$101.99	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	1.3708	1.3708	\$8.22	\$8.22	\$0.00
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.2981	2.2638	\$13.79	\$13.58	-\$0.21
<b>PBF Surcharge</b>	¢/kwh	0.6488	0.6488	\$3.89	\$3.89	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0035	0.0035	\$0.02	\$0.02	\$0.00
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	30.5070	27.3220	\$183.04	\$163.93	-\$19.11
<b>Green Infrastructure Fee</b>	\$	1.18	1.18	\$1.18	\$1.18	\$0.00
<b>Avg Residential Bill at 600 kwh</b>				\$312.13	\$292.81	

Increase (Decrease -)	-\$19.32
% Change	-6.19%

## Phillipson, Yvonne

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**From:** puc@hawaii.gov  
**Sent:** Monday, August 29, 2022 10:55 AM  
**To:** Phillipson, Yvonne  
**Subject:** Hawaii PUC eFiling Confirmation of Filing

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