



October 26, 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 November 2022

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for November 2022 is 24.879 cents per kilowatt-hour ("kWh"), a decrease of 1.971 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$231.99, a decrease of (-\$10.18) compared to rates effective October 1, 2022. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$9.85), decrease in the Purchased Power Adjustment Clause rate (-\$0.30), and the decrease in the DSM Adjustment rate (-\$0.03).

Hawai'i Electric Light's fuel composite cost of generation decreased 182.79 cents per million BTU to 2,094.30 cents per million BTU. The composite cost of distributed generation decreased 0.136 cents per kWh to 26.949 cents per kWh. The composite cost of purchased energy decreased 0.372 cents per kWh to 18.061 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 November 1, 2022.

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>10/01/22</u>	<u>11/01/22</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	2,277.09	2,094.30	(182.79)
Dispersed Generation Energy, ¢/kWh	27.085	26.949	(0.136)
Purchased Energy, ¢/kWh	18.433	18.061	(0.372)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	26.850	24.879	(1.971)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	26.850	24.879	(1.971)
Residential Customer with:			
500 KWH Consumption - \$/Bill	242.17	\$231.99	(\$10.18)
600 KWH Consumption - \$/Bill	290.06	\$277.85	(\$12.21)





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

**INDUSTRIAL FUEL COSTS:**

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	94.9809	94.9809
Land Transportation Cost - \$/BBL	--	1.5905
	<hr/>	<hr/>
Industrial Costs For Filing - \$/BBL	94.9809	96.5715
Conversion Factors - mmbtu/BBL	6.30	6.30
	<hr/>	<hr/>
Industrial Costs For Filing - ¢/mmbtu	<u>1,507.63</u>	<u>1,532.88</u>

**DIESEL FUEL COSTS:**

	KEAHOLE	PUNA CT-3	HILO
Average Diesel Fuel Cost - \$/BBL	154.3716	154.3716	154.3716
Land Transportation Cost - \$/BBL	3.4110	1.4183	1.2692
	<hr/>	<hr/>	<hr/>
Diesel Costs For Filing - \$/BBL	157.7826	155.7899	155.6408
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
	<hr/>	<hr/>	<hr/>
Diesel Costs For Filing - ¢/mmbtu	<u>2,692.54</u>	<u>2,658.53</u>	<u>2,655.99</u>

**ULSD FUEL COSTS:**

	KEAHOLE	WAIMEA	HILO	DISPERSED GENERATION
Average ULSD Fuel Cost - \$/BBL	150.1516	150.1516	150.1516	150.1516
Land Transportation Cost - \$/BBL	3.1398	3.0874	1.2757	-
	<hr/>	<hr/>	<hr/>	<hr/>
ULSD Costs For Filing - \$/BBL	153.2914	153.2390	151.4273	150.1516
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
	<hr/>	<hr/>	<hr/>	<hr/>
ULSD Costs For Filing - ¢/mmbtu	<u>2,675.24</u>	<u>2,674.33</u>	<u>2,642.71</u>	<u>2,620.45</u>

**Dispersed Generation, cents per kWh**

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	60.5742
\$/BBL Inv Cost:	150.1516
Fuel \$ (Prod Sim Consumption x Unit Cost)	9,095.31
Net kWh (from Prod Sim)	33,750
cents/kWh:	26.949

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

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 09/30/2022	0	0.00	38,803	4,078,277.97			
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	(23,067)	(2,366,538.31)			
Actual	0	0.00	21,117	2,212,541.63			
Consumed: Estimate	0	0.00	22,430	2,349,152.22			
Actual	0	0.00	(22,129)	(2,372,471.32)			
Balance Per G/L 09/30/2022	0	0.00	37,154	3,900,962.19			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	32,312	3,024,353.33			
Consumed	0	0.00	(39,667)	(4,133,749.64)	106.5901	0.0000	106.5901
Balance @ 10/31/2022	0	0.00	29,799	2,791,565.88			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 10/31/2022	0	0.00	29,799	2,791,565.88			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(2,791,565.88)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	2,830,337.12			
Total @ 11/01/2022 Avg Price	0	0.00	29,799	2,830,337.12			

Weighted Avg Cost/BBL by Location #DIV/0! 93.6799

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 94.9809

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

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL		TOTAL
				EXCLUDE LT	LT	
Balance at 09/30/2022	9,553	1,016,446.58	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	(13,435.01)	0.00			
Balance Per G/L 09/30/2022	<u>9,553</u>	<u>1,003,011.57</u>	<u>15,197.79</u>			
Purchases	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	13	0	17.10			
Consumed	0	<u>0.00</u>	0.00	104.2113	1.5909	105.8022
Balance @ 10/31/2022	<u>9,566</u>	<u>1,003,011.57</u>	<u>15,214.89</u>			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	<u>9,566</u>	<u>1,003,011.57</u>	<u>15,214.89</u>		1.5905	
Reverse Fuel Balance	XXXXXXXXXXXX	(1,003,011.57)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	908,587.70	XXXXXXXXXXXX			
Total @ 11/01/2022 Avg Price	<u>9,566</u>	<u>908,587.70</u>	<u>15,214.89</u>			

Weighted Avg Cost/BBL by Location

104.8517

1.5905

Weighted Avg Cost/BBL @ Avg Cost

94.9809

1.5905

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

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 09/30/2022	60,279.6	2,531,742.0	9,951,734.6	186,513.1			
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	(47,140.9)	(1,979,917.0)	(7,383,154.8)	(171,837.9)			
Actual	42,412.2	1,781,313.0	6,666,197.4	152,258.61			
Consumed: Estimate	38,642.5	1,622,985.0	6,217,064.3	142,092.34			
Actual	(36,661.7)	(1,539,790.0)	(6,104,687.4)	(131,335.1)	166.5142		
Balance Per G/L 09/30/2022	57,531.7	2,416,333	9,347,154.09	177,690.96	162.4695		
Purchases	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx			
Transfer in	32,448.2	1,362,825.0	5,195,235.3	118,280.2	160.1085		
Consumed	(34,552.1)	(1,451,187.0)	(5,556,349.7)	(106,907.56)	160.8109	3.0941	163.9050
Balance @ 10/31/2022	55,427.9	2,327,971	8,986,039.66	189,063.63	162.1213		
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	55,427.9	2,327,971	8,986,039.66	189,063.63	162.1213		
Reverse Fuel Balance	xxxxxxxxxx	xxxxxxxxxxxxxxxx	(8,986,039.7)	xxxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxx	xxxxxxxxxxxxxxxx	8,556,489.8	xxxxxxxxxxxxxxxx			
Total @ 11/01/2022 Avg Price	55,427.9	2,327,971	8,556,489.83	189,063.63	154.3716		

Weighted Avg Cost/BBL by Location 162.1213 3.4110

Weighted Avg Cost/BBL @ Avg Cost 154.3716 3.4110





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

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 09/30/2022	997.0	41,875	164,527	1,254			
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	-1884.2	-79135.0	-296430.5	-2359.0			
Actual	1506.1	63255.0	237103.4	1884.4			
Consumed: Estimate	2119.9	89037.0	341068.3	2702.9			
Actual	-1548.6	-65040.0	-252883.4	-1950.2			
Balance Per G/L 09/30/2022	1190.3	49,992	193,385.15	1,532.12	162.4695		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	1887.7	79285.0	305058.0	2363.4	0.0000		
Consumed	-964.2	-40498.0	-155060.0	-1212.8	160.8109	1.2578	162.0687
Balance @ 10/31/2022	2,113.8	88,779	343,383.13	2,682.75	162.4494		
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	2,113.8	88,779	343,383.13	2,682.75	162.4494		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -343,383.13	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 326,308.45	XXXXXXXXXXXX			
Total @ 11/01/2022 Avg Price	2,113.8	88,779	326,308.45	2,682.75	154.3716		

Weighted Avg Cost/BBL by Location

162.4494 1.2692

Weighted Avg Cost/BBL @ Avg Cost

154.3716 1.2692

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

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 09/30/2022	2,198.3	92,330	323,597.78	6,680.65			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(376.1)	(15,796)	(59,820.12)	(1,370.94)			
Actual	376.1	15,796	59,820.12	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		483	0.00	41.92			
Actual		(483)	0.00	1,370.94			
Consumed: Estimate	299.3	12,570	39,610.70	1,106.10			
Actual	(209.5)	(8,799)	(19,675.85)	(761.65)	93.9181		
Balance Per G/L 09/30/2022	2,288.1	96,101	343,532.63	7,067.02	150.1376		
Purchases	188.5	7,917	27,895.41	687.12	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(8.8)	(369)	0.00	(32.03)	0.00		
Consumed	(261.2)	(10,971)	(39,420.29)	(793.83)	150.9117	3.0390	153.9507
Balance @ 10/31/2022	2,206.6	92,678	332,007.75	6,928.28	150.4599		
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	2,206.6	92,678	332,007.75	6,928.28	150.4599		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(332,007.75)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	331,327.46	xxxxxxxxxxxx			
Total @ 11/01/2022 Avg Price	2,206.6	92,678	331,327.46	6,928.28	150.1516		

Weighted Avg Cost/BBL by Location

150.4599 3.1398

Weighted Avg Cost/BBL @ Avg Cost

150.1516 3.1398

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

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 09/30/2022	804.9	33,806.0	128,769.0	2,429.28			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(23,782)	(90,080.55)	(1,718.71)			
Actual		15,802.0	59,854.2	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	0.3	14	0.00	0.00			
Actual	(0.3)	(14)	0.00	1,142.00			
Consumed: Estimate	475.0	19,950	62,866.63	1,447.47			
Actual	(333.8)	(14,019)	(47,887.37)	(964.48)			
Balance Per G/L 09/30/2022	756.1	31,757	113,521.87	2,335.56	150.1376		
ULSD Purchases	378.5	15,898	56,016.32	1,148.93	147.9863		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	xxxxxxxxxxxx	(34)	0.00	0.00	#DIV/0!		
Consumed	(232.3)	(9,758)	(35,061.82)	(701.21)	150.9117	3.0181	153.9298
Balance @ 10/31/2022	901.5	37,863	134,476.37	2,783.29	149.1696		
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	901.5	37,863	134,476.37	2,783.29	149.1696		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(134,476.37)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	135,361.70	xxxxxxxxxxxx			
Total @ 11/01/2022 Avg Price	901.5	37,863	135,361.70	2,783.29	150.1516		
Weighted Avg Cost/BBL by Location			149.1696	3.0874			
Weighted Avg Cost/BBL @ Avg Cost			150.1516	3.0874			

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

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 09/30/2022	1,059.8	44,512.0	160,398.6	1369.2
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(376.4)	(15,808)	(59,854.19)	(471.23)
Actual	376.4	15,808	59,854.19	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		(153)	0.00	(4.56)
Actual		153	0.00	471.23
Consumed: Estimate	390.1	16,386	51,635.72	493.45
Actual	(284.0)	(11,927)	(36,977.51)	(357.25)
Balance Per G/L 09/30/2022	1,166.0	48,971	175,056.83	1,500.83
ULSD Purchases	377	15,827	55,766.17	471.80
Estimated Purchases	0	-	-	-
Transfer in	0	9	0.00	0.27
Consumed	(275.1)	(11,556)	(41,522.28)	(355.46)
Balance @ 10/31/2022	1,267.9	53,251	189,300.72	1,617.44
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	1,267.9	53,251	189,300.72	1,617.44
Reverse Fuel Balance	x	x	(189,300.72)	x
Fuel Balance @ Avg Price	x	x	190,374.40	x
Total @ 11/01/2022 Avg Price	1,267.9	53,251	190,374.40	1,617.44

Weighted Avg Cost/BBL by Location

149.3048 1.2757

Weighted Avg Cost/BBL @ Avg Cost

150.1516 1.2757

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

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 09/30/2022	139.1	5,842	21,387.37	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	(73.2)	(3,073)	(11,637.59)	
Actual	67.2	2,823	10,690.83	
Consumed: Estimate	37.7	1,583	4,988.36	
Actual	(26.4)	(1,108)	(3,741.24)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 09/30/2022	144.45	6,067	21,687.73	150.1376
Purchases	0.0	0	0.00	0.0000
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(8.2)	(346)	(1,243.22)	150.9117
Balance @ 10/31/2022	127.6	5,361	20,444.51	160.1696
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 10/31/2022	127.6	5,361	20,444.51	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(20,444.51)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	19,165.78	xxxx
Total @ 11/01/2022 Avg Price	127.6	5,361	19,165.78	150.1516

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

		November 1, 2022 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	21.000	6.560
PGV (22 MW)	- off peak	20.738	5.430
WAILUKU HYDRO	- on peak	21.000	7.240
	off peak	20.738	5.970
Other: (<100 KW)	Sch Q Rate	20.500	
		November 1, 2022 <u>(¢/kWh)</u>	Floor Rates <u>(¢/kWh)</u>
HEP		23.179	
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**  
November 1, 2022

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	Amount to be (returned) or collected	(\$492,400)
2	Monthly Amount ( $\frac{1}{3}$ x Line 1)	(\$164,133)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$180,139)
5	Estimated MWh Sales (November 1, 2022)	88,981 mwh
6	Adjustment (Line 4 / Line 5)	(0.202) ¢/kwh



HAWAII ELECTRIC LIGHT COMPANY, INC.  
2022 FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY  
(Thousand \$)

LINE	DESCRIPTION	Info Only	collectn by company*	Basis for Recon
		September 2022 YTD Total No Deadband		September 2022 YTD Total Deadband
ACTUAL COSTS:				
1	Generation	\$98,831.5		\$98,831.5
2	Distributed Generation	\$24.5		\$24.5
3	Purch Power	\$91,712.9		\$91,712.9
4	TOTAL	<u>\$190,568.9</u>		<u>\$190,568.9</u>
FUEL FILING COST				
5	Generation	\$97,360.4		\$98,478.2
6	Distributed Generation	\$24.5		\$24.5
7	Purch Power	\$91,712.9		\$91,712.9
8	TOTAL	<u>\$189,097.8</u>		<u>\$190,215.6</u>
BASE FUEL COST				
9	Generation	\$0.0		\$0.0
10	Distributed Generation	\$0.0		\$0.0
11	Purch Power	\$0.0		\$0.0
12	TOTAL	<u>\$0.0</u>		<u>\$0.0</u>
13	FUEL-BASE COST (Line 8-12)	\$189,097.8		\$190,215.6
14	ACTUAL FOA LESS TAX	\$191,031.8		\$191,031.8
15	Less: FOA reconciliation adj for prior year	\$1,114.8		\$1,114.8
15A	Less: Non-Adjustable Component Revenues Less Tax	\$9.7		\$9.7
16	ADJUSTED FOA LESS TAX	<u>\$189,907.3</u>		<u>\$189,907.3</u>
17	FOA-(FUEL-BASE) (Line 16-13)	\$809.5	over	-\$308.3 under
ADJUSTMENTS:				
18	Current year FOA accrual reversal	-\$3,076.9		-\$3,076.9
19	Other prior year FOA	\$0.0		\$0.0
20	Other	\$0.0		\$0.0
21	QUARTERLY FOA RECONCILIATION (Line 17+18+19+20)	-\$2,267.4	under	-\$3,385.2 under
21A	YTD Fossil Fuel Cost Risk Sharing Adjustment	\$444.4		\$444.4
21B	QUARTERLY FOA RECON w/Fossil Risk Adj (L21+L21A)	<u>-\$1,823.0</u>		<u>-\$2,940.7</u> under
22	Second Quarter Reconciliation			-3,433.1
23	FOA Reconciliation to be returned or Collected			492.4 over

\* Over means an over-collection by the Company.  
Under means an under-collection by the Company.

**Hawai'i Electric Light Company  
DEADBAND CALCULATION  
For Period: January 1, 2022 to September 30, 2022**

	Notes	YTD
<b><u>Industrial</u></b>		
Industrial Efficiency Factor (per D&O), BTU/kWh*	u	14,970
Industrial Deadband Definition, +/- BTU/kWh	d	100
Industrial Portion of Recorded Sales, kWh	a	109,431,783
Industrial Consumption (Recorded), MMBTU	b	1,578,061
Industrial Efficiency Factor (Recorded), BTU/kWh	c=(b/a) x 1000	14,421
Lower limit of Industrial Deadband, BTU/kWh	e= f-d	14,870
Higher limit of Industrial Deadband, BTU/kWh	g=f+d	15,070
Industrial Efficiency Factor for cost-recovery, BTU/kWh	h=c, e, or g	<b>14,870</b>
<b><u>Diesel</u></b>		
Diesel Efficiency Factor (per D&O), BTU/kWh*	f	10,915
Diesel Deadband Definition, +/- BTU/kWh	d	200
Diesel Portion of Recorded Sales, MWh	a	263,791,464
Diesel Consumption (Recorded), MMBTU	b	2,942,514
Diesel Efficiency Factor (Recorded), BTU/kWh	c=(b/a) x 1000	11,155
Lower limit of Diesel Deadband, BTU/kWh	e= f-d	10,715
Higher limit of Diesel Deadband, BTU/kWh	g=f+d	11,115
Diesel Efficiency Factor for cost-recovery, BTU/kWh	h=c, e, or g	<b>11,115</b>
<b><u>Hydro</u></b>		
Hydro Efficiency Factor (per D&O), BTU/kWh*	f	12,426
Hydro Deadband Definition, +/- BTU/kWh	d	100
Hydro Portion of Recorded Sales, MWh	a	4,532,009
Hydro Consumption (Recorded), MMBTU	b	54,096
Hydro Efficiency Factor (Recorded), BTU/kWh	c=(b/a) x 1000	11,936
Lower limit of Hydro Deadband, BTU/kWh	e= f-d	12,326
Higher limit of Hydro Deadband, BTU/kWh	g=f+d	12,526
Hydro Efficiency Factor for cost-recovery, BTU/kWh	h=c, e, or g	<b>12,326</b>

\* YTD Efficiency Factor (per D&O) is actual YTD & projected to the end of the year weighted by calendar days in the year.

**HAWAII ELECTRIC LIGHT COMPANY, INC.**  
**GENERATION FUEL FILING COST AND GENERATION BASE FUEL COST**  
**WITHOUT and WITH DEADBAND**  
**January 1 - September 30, 2022**

	<b>Without Deadband</b>	<b>With Deadband</b>
	<b>Jan 1 - Sep 30</b>	<b>As Filed</b>
	<b>Jan 1 - Sep 30</b>	<b>Jan 1 - Sep 30</b>
<b><u>INDUSTRIAL FUEL FILING COST</u></b>		
Industrial Portion of Recorded Sales , kWh	109,431,783	109,431,783
Industrial Efficiency Factor (mmbtu/kwh)	0.014970	0.014870
Mmbtu adjusted for Sales Efficiency Factor	1,638,194	1,627,251
\$/mmbtu	<u>\$16.2649</u>	<u>\$16.2649</u>
<b>TOTAL INDUSTRIAL \$000s TO BE RECOVERED</b>	<b>\$26,645.007</b>	<b>\$26,467.018</b>
<b><u>DIESEL FUEL FILING COST</u></b>		
Diesel Portion of Recorded Sales, kWh	263,791,464	263,791,464
Diesel Efficiency Factor (mmbtu/kwh)	0.014870	0.011115
Mmbtu adjusted for Sales Efficiency Factor	3,922,579	2,932,042
\$/mmbtu	<u>\$18.0278</u>	<u>\$24.5601</u>
<b>TOTAL DIESEL \$000s TO BE RECOVERED</b>	<b>\$70,715.421</b>	<b>\$72,011.168</b>
<b><u>HYDRO FUEL FILING COST</u></b>		
Hydro Portion of Recorded Sales , kWh	4,532,009	4,532,009
Hydro Efficiency Factor (mmbtu/kwh)	0.012426	0.012326
Mmbtu adjusted for Sales Efficiency Factor	56,315	55,862
\$/mmbtu	<u>\$0.0000</u>	<u>\$0.0000</u>
<b>TOTAL HYDRO \$000s TO BE RECOVERED</b>	<b>\$0.000</b>	<b>\$0.000</b>
<b>TOTAL GENERATION FUEL FILING COST, \$000s</b>	<b>\$97,360.4</b>	<b>\$98,478.2</b>
<b><u>CALCULATION OF GENERATION BASE FUEL COST</u></b>		
<b>TOTAL GENERATION BASE FUEL COST, \$000s</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>TOTAL GENERATION FUEL FILING COST, \$000s YTD</b>	<b>\$97,360.4</b>	<b>\$98,478.2</b>
<b>TOTAL GENERATION BASE FUEL COST YTD</b>	<b>\$0.0</b>	<b>\$0.0</b>

<b>Fossil Fuel Cost Risk Sharing Mechanism and Non-Adjustable Component,</b>			
	<b>LSFO/IFO Fossil Fuel Cost Risk Sharing</b>	Baseline	YTD Subject to Fossil Risk
A	MMBtu	208,648	1,578,061
B	\$ cost, actuals	\$2,858,536	25,661,824
C = B / A (Baseline Column)	Baseline \$/mmbtu	13.700275	13.700275
D	IFO Gen kWh		116,789,114
E	Total kWh, Gen, Purch Pwr, DG		837,002,184
F	Sales kWh		784,565,089
G = (D / E) x F	IFO kWh-sales		109,472,428
H	Target Heat Rate		14,970
I1	Calculated Heat Rate (YTD subject to fossil risk, before deadband)		14,421
I	Recovery Heat Rate (YTD subject to fossil risk, after deadband)		14,870
J = B / A ytd	Actual Cost \$/MMbtu		16.2616163
K = C x H x G / 1,000,000	Base Cost Recovery w/Target Heat Rate		\$22,452,042
L = I x J x G / 1,000,000	Fuel Filing Cost Recovery		\$26,471,554
<b>M = 0.02 x (L-K)</b>	<b>IFO Cost Risk Sharing</b>		<b>\$80,390</b>
<b>Diesel with target heat rate Fossil Fuel Cost Risk Sharing</b>			
AA	MMBtu	329,377	2,942,514
BB	\$ cost, actuals	6,258,505	73,169,673
CC = BB / AA (Baseline Column)	Baseline \$/mmbtu	19.0010470	19.0010470
DD	Diesel Gen kWh		281,447,824
EE	Total kWh, Gen, Purch Pwr, DG		837,002,184
FF	Sales kWh		784,565,089
GG = (DD / EE) x FF	Diesel kWh-sales		263,815,485
HH	Target Heat Rate		10,915
I11	Calculated Heat Rate (YTD subject to fossil risk, before deadband)		11,155
II	Recovery Heat Rate (YTD subject to fossil risk, after deadband)		<b>11,115</b>
JJ = BB/AA (YTD Column)	Actual Cost \$/MMbtu		24.8663824
KK = CC x HH x GG / 1,000,000	Base Cost Recovery w/Target Heat Rate		\$54,714,389
LL = II x JJ x GG / 1,000,000	Fuel Filing Cost Recovery		\$72,915,920
<b>MM = 0.02 x (LL-KK)</b>	<b>Diesel Cost Risk Sharing (with target heat rate)</b>		<b>\$364,031</b>
FFF	Annual Cap (non-prorated)		600,000
GGG	# Days		365
HHH	Annual Cap (pro-rated, if applicable)		\$600,000
III = M + MM + E, up to cap	<b>Total Fossil Fuel Cost Risk Sharing Adjustment, subject to cap</b>		<b>\$444,421</b>
<b>Non-Adjustable Component</b>			
AAAA = F	YTD kWh under ECRC		784,565,089
BBBB	Non-Adjustable Component, cents/kWh		0.00135
CCCC	Non-Adjustable Component Revenues w/tax		\$10,592
DDDD	Non-Adjustable Component Revenues less tax		<b>\$9,651</b>

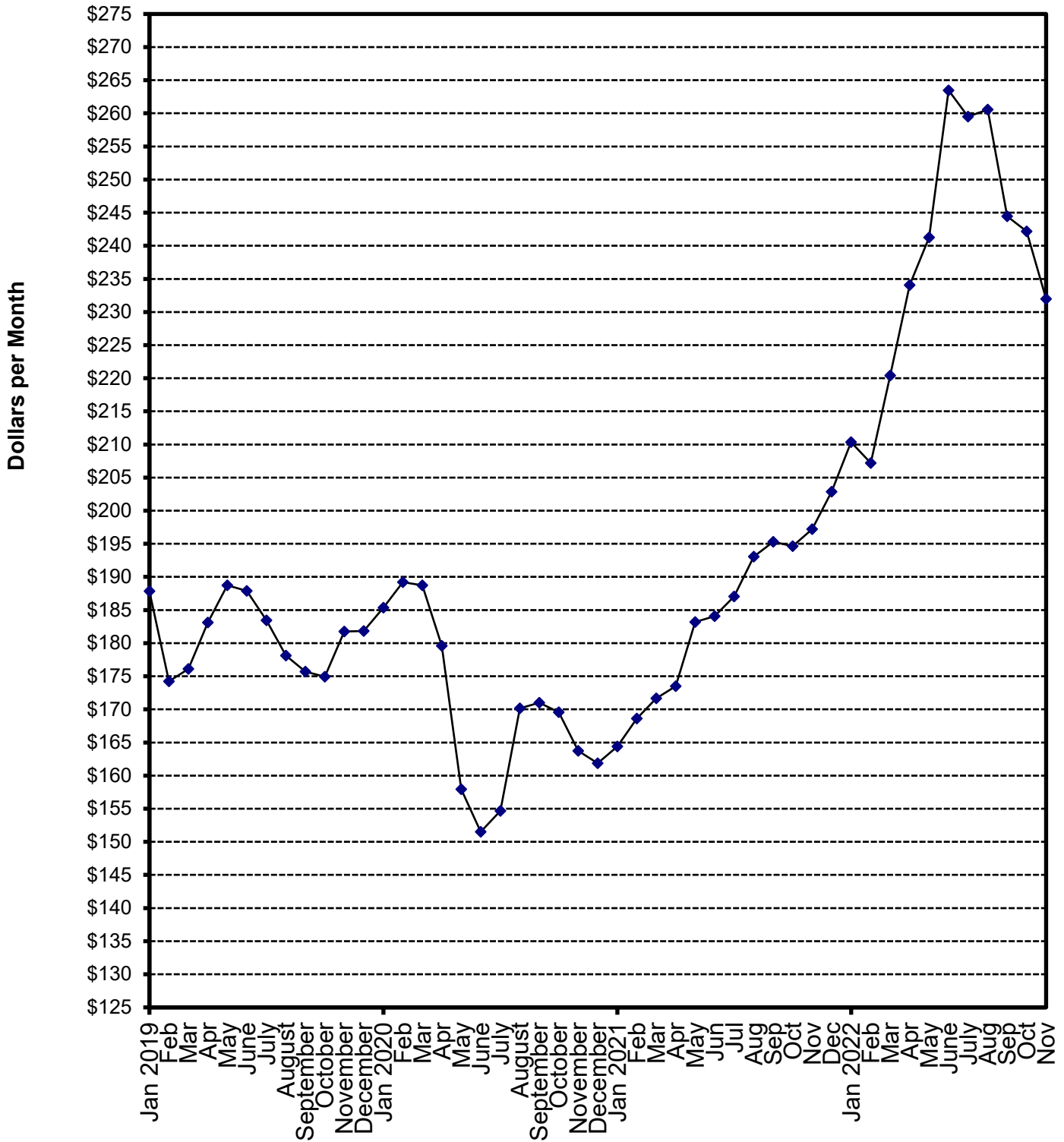
**HAWAII ELECTRIC LIGHT COMPANY, INC.**  
2022 Cumulative Reconciliation Balance

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	361,221	(669,443)
September					356,300	365,659	(303,784)
October					356,300		
November	492,400	[3]	17,109	475,291	(164,133)		

NOTES:

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

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



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

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR</u> <u>CENTS / KWH</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>RESIDENTIAL &amp; COMMERCIAL</u>	<u>RESIDENTIAL &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	
October 1, 2022	26.850	242.17	290.06	
November 1, 2022	24.879	231.99	277.85	

**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
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
<b>11/1/2022-11/30/2022</b>	<b>PURCHASED POWER ADJUSTMENT CLAUSE</b>	<b>2.2180 CENTS/KWH</b>
<b>11/1/2022</b>	<b>RESIDENTIAL DSM ADJUSTMENT</b>	<b>-0.0017 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		
	10/01/22	11/01/22	10/01/22	11/01/22	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	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	\$33.52	\$33.52	\$0.00
Customer Charge	\$	11.50	\$11.50	\$11.50	\$0.00
<b>Total Base Charges</b>			\$85.24	\$85.24	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	1.3708	\$6.85	\$6.85	\$0.00
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.2771	\$11.39	\$11.09	-\$0.30
<b>PBF Surcharge</b>	¢/kwh	0.6488	\$3.24	\$3.24	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0035	\$0.02	-\$0.01	-\$0.03
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	26.8500	\$134.25	\$124.40	-\$9.85
<b>Green Infrastructure Fee</b>	\$	1.18	\$1.18	\$1.18	\$0.00
<b>Avg Residential Bill at 500 kwh</b>			\$242.17	\$231.99	

Increase (Decrease -)	-\$10.18
% Change	-4.20%

	Rate		Charge (\$) at 600 Kwh		
	10/01/22	11/01/22	10/01/22	11/01/22	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	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	\$11.50	\$11.50	\$0.00
<b>Total Base Charges</b>			\$101.99	\$101.99	\$0.00
<b>Interim Rate Adjustment 2019 TY</b>	% on base	0.0000%	\$0.00	\$0.00	\$0.00
<b>RBA Rate Adjustment</b>	¢/kwh	1.3708	\$8.22	\$8.22	\$0.00
<b>Purchased Power Adj. Clause</b>	¢/kwh	2.2771	\$13.66	\$13.31	\$5.09
<b>PBF Surcharge</b>	¢/kwh	0.6488	\$3.89	\$3.89	\$0.00
<b>DSM Adjustment</b>	¢/kwh	0.0035	\$0.02	-\$0.01	-\$0.03
<b>SolarSaver Adjustment</b>	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
<b>Energy Cost Recovery</b>	¢/kwh	26.8500	\$161.10	\$149.27	-\$11.83
<b>Green Infrastructure Fee</b>	\$	1.18	\$1.18	\$1.18	\$0.00
<b>Avg Residential Bill at 600 kwh</b>			\$290.06	\$277.85	

Increase (Decrease -)	-\$12.21
% Change	-4.21%

## Phillipson, Yvonne

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**From:** puc@hawaii.gov  
**Sent:** Wednesday, October 26, 2022 11:35 AM  
**To:** Phillipson, Yvonne  
**Subject:** Hawaii PUC eFiling Confirmation of Filing

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