



September 28, 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 October 2022

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light" or "Company") Energy Cost Recovery factor for October 2022 is 26.850 cents per kilowatt-hour ("kWh"), a decrease of 0.472 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$242.17, a decrease of (-\$2.29) compared to rates effective September 1, 2022. The decrease in the residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$2.36), partially offset by an increase in the Purchased Power Adjustment Clause rate (+\$0.07).

Hawai'i Electric Light's fuel composite cost of generation decreased 7.03 cents per million BTU to 2,277.09 cents per million BTU. The composite cost of distributed generation increased 3.331 cents per kWh to 27.085 cents per kWh. The composite cost of purchased energy decreased 0.559 cents per kWh to 18.433 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 October 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>9/01/22</u>	<u>10/01/22</u>	<u>Change</u>
<u>Composite Cost</u>			
Generation, ¢/mmbtu	2,284.12	2,277.09	(7.03)
Dispersed Generation Energy, ¢/kWh	23.754	27.085	3.331
Purchased Energy, ¢/kWh	18.992	18.433	(0.559)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery - ¢/kWh	27.322	26.850	(0.472)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery - ¢/kWh	27.322	26.850	(0.472)
Residential Customer with:			
500 KWH Consumption - \$/Bill	244.46	\$242.17	(\$2.29)
600 KWH Consumption - \$/Bill	292.81	\$290.06	(\$2.75)

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

INDUSTRIAL FUEL COSTS:

	<u>HILO</u>	<u>PUNA</u>
Average Industrial Fuel Cost - \$/BBL	104.2113	104.2113
Land Transportation Cost - \$/BBL	--	1.5909
	<hr/>	
Industrial Costs For Filing - \$/BBL	104.2113	105.8022
Conversion Factors - mmbtu/BBL	6.30	6.30
	<hr/>	
Industrial Costs For Filing - ¢/mmbtu	<u>1,654.15</u>	<u>1,679.40</u>

DIESEL FUEL COSTS:

	<u>KEAHOLE</u>	<u>PUNA CT-3</u>	<u>HILO</u>
Average Diesel Fuel Cost - \$/BBL	160.8109	160.8109	160.8109
Land Transportation Cost - \$/BBL	3.0941	1.4183	1.2578
	<hr/>		
Diesel Costs For Filing - \$/BBL	163.9050	162.2292	162.0686
Conversion Factors - mmbtu/BBL	5.86	5.86	5.86
	<hr/>		
Diesel Costs For Filing - ¢/mmbtu	<u>2,797.01</u>	<u>2,768.42</u>	<u>2,765.68</u>

ULSD FUEL COSTS:

	<u>KEAHOLE</u>	<u>WAIMEA</u>	<u>HILO</u>	<u>DISPERSED GENERATION</u>
Average ULSD Fuel Cost - \$/BBL	150.9117	150.9117	150.9117	150.9117
Land Transportation Cost - \$/BBL	3.0390	3.0181	1.2919	-
	<hr/>			
ULSD Costs For Filing - \$/BBL	153.9507	153.9298	152.2037	150.9117
Conversion Factors - mmbtu/BBL	5.73	5.73	5.73	5.73
	<hr/>			
ULSD Costs For Filing - ¢/mmbtu	<u>2,686.75</u>	<u>2,686.38</u>	<u>2,656.26</u>	<u>2,633.71</u>

Dispersed Generation, cents per kWh

	<u>COMPOSITE COST OF DISP. GEN.</u>
BBIs Fuel:	75.8299
\$/BBI Inv Cost:	150.9117
	<hr/>
Fuel \$ (Prod Sim Consumption x Unit Cost)	11,443.62
Net kWh (from Prod Sim)	42,250
cents/kWh:	<u>27.085</u>

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

	SHIPMAN INDUSTRIAL		HILL INDUSTRIAL		COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 08/31/2022	0	0.00	46,319	4,758,704.57			
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	(47,558)	(4,944,554.57)			
Actual	0	0.00	37,893	4,117,828.56			
Consumed: Estimate	0	0.00	29,683	3,498,509.62			
Actual	0	0.00	(28,171)	(3,369,596.30)			
Balance Per G/L 08/31/2022	<u>0</u>	<u>0.00</u>	<u>38,166</u>	<u>4,060,891.88</u>			
Purchases	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer out	xxxxxx	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx			
Transfer in	0	0.00	23,067	2,366,538.31			
Consumed	<u>0</u>	<u>0.00</u>	<u>(22,430)</u>	<u>(2,349,152.22)</u>	106.5901	0.0000	106.5901
Balance @ 09/30/2022	0	0.00	38,803	4,078,277.97			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 09/30/2022	<u>0</u>	<u>0.00</u>	<u>38,803</u>	<u>4,078,277.97</u>			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxx	(4,078,277.97)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxx	4,043,711.59			
Total @ 10/01/2022 Avg Price	<u>0</u>	<u>0.00</u>	<u>38,803</u>	<u>4,043,711.59</u>			

Weighted Avg Cost/BBL by Location #DIV/0! 105.1021

Weighted Avg Cost/BBL @ Avg Cost #DIV/0! 104.2113

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

PUNA INDUSTRIAL

	BBL	COST	LAND TRANSP	COST PER BARREL EXCLUDE LT LT		TOTAL
Balance at 08/31/2022	9,553	1,112,566.35	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	(96,119.77)	0.00			
Balance Per G/L 08/31/2022	<u>9,553</u>	<u>1,016,446.58</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	104.7326	1.5909	106.3235
Balance @ 09/30/2022	<u>9,553</u>	<u>1,016,446.58</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>9,553</u>	<u>1,016,446.58</u>	<u>15,197.79</u>		<u>1.5909</u>	
Reverse Fuel Balance	XXXXXXXXXXXX	(1,016,446.58)	XXXXXXXXXXXX			
Fuel Balance @ Avg Price	XXXXXXXXXXXX	995,530.68	XXXXXXXXXXXX			
Total @ 10/01/2022 Avg Price	<u>9,553</u>	<u>995,530.68</u>	<u>15,197.79</u>			

Weighted Avg Cost/BBL by Location

106.4008

1.5909

Weighted Avg Cost/BBL @ Avg Cost

104.2113

1.5909

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

KEAHOLE DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 08/31/2022	47,387.4	1,990,272.0	8,147,491.2	174,249.4			
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		xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Actual		xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfers in: Estimate	(50,020.1)	(2,100,846.0)	(8,368,074.6)	(182,333.4)			
Actual	52,222.3	2,193,335.0	8,864,928.0	190,071.49			
Consumed: Estimate	44,254.5	1,858,687.0	8,162,711.6	161,466.79			
Actual	(42,062.8)	(1,766,638.0)	(8,021,412.1)	(186,686.8)	190.7008		
Balance Per G/L 08/31/2022	51,781.2	2,174,810	8,785,644.08	156,767.48	169.6686		
Purchases	xxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfer out	xxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx			
Transfer in	47,140.9	1,979,917.0	7,383,154.8	171,837.9	156.6189		
Consumed	(38,642.5)	(1,622,985.0)	(6,217,064.3)	(142,092.34)	160.8867	3.6771	164.5638
Balance @ 09/30/2022	60,279.6	2,531,742	9,951,734.58	186,513.08	165.0930		
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	60,279.6	2,531,742	9,951,734.58	186,513.08	165.0930		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxxxxxx	(9,951,734.6)	xxxxxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxx	xxxxxxxxxxxxxxx	9,693,610.0	xxxxxxxxxxxxxxx			
Total @ 10/01/2022 Avg Price	60,279.6	2,531,742	9,693,610.03	186,513.08	160.8109		

Weighted Avg Cost/BBL by Location 165.0930 3.0941

Weighted Avg Cost/BBL @ Avg Cost 160.8109 3.0941

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

TOTAL HILO HS-DIESEL

HS Diesel	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER EXCL LT	BARREL LT	TOTAL
Balance at 08/31/2022	1438.1	60,399	256,692	1,834			
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	-755.2	-31718.0	-120147.9	-945.5			
Actual	940.8	39515.0	153392.2	1177.1			
Consumed: Estimate	979.8	41150.0	180716.6	1227.7			
Actual	-1370.7	-57569.0	-261487.4	-1694.9			
Balance Per G/L 08/31/2022	1232.8	51,777	209,165.07	1,597.94	169.6686		
Purchases		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer out		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			
Transfer in	1884.2	79135.0	296430.5	2359.0	#DIV/0!		
Consumed	-2119.9	-89037.0	-341068.3	-2702.9	160.8867	1.2750	162.1617
Balance @ 09/30/2022	997.0	41,875	164,527.22	1,254.01	165.0183		
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	997.0	41,875	164,527.22	1,254.01	165.0183		
Reverse Fuel Balance		XXXXXXXXXXXX	XXXXXXXXXXXX -164,527.22	XXXXXXXXXXXX			
Fuel Balance @ Avg Price		XXXXXXXXXXXX	XXXXXXXXXXXX 160,332.26	XXXXXXXXXXXX			
Total @ 10/01/2022 Avg Price	997.0	41,875	160,332.26	1,254.01	160.8109		

Weighted Avg Cost/BBL by Location

165.0183 1.2578

Weighted Avg Cost/BBL @ Avg Cost

160.8109 1.2578

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

KEAHOLE ULSD

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL EXCLUD LT	LT	TOTAL
Balance at 08/31/2022	2,211.6	92,888	294,892.57	8,173.76			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(188.5)	(7,917)	(31,097.86)	(687.12)			
Actual	188.5	7,917	31,097.86	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate		846	0.00	73.42			
Actual		(833)	0.00	687.12			
Consumed: Estimate	127.2	5,342	16,280.43	438.40			
Actual	(206.1)	(8,656)	(7,784.64)	(2,227.85)	37.7721		
Balance Per G/L 08/31/2022	2,133.0	89,587	303,388.36	6,457.73	142.2339		
Purchases	376.1	15,796	59,820.12	1,370.94	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(11.5)	(483)	0.00	(41.92)	0.00		
Consumed	(299.3)	(12,570)	(39,610.70)	(1,106.10)	132.3508	3.6958	136.0466
Balance @ 09/30/2022	2,198.3	92,330	323,597.78	6,680.65	147.2014		
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	2,198.3	92,330	323,597.78	6,680.65	147.2014		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(323,597.78)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	331,754.32	xxxxxxxxxxxx			
Total @ 10/01/2022 Avg Price	2,198.3	92,330	331,754.32	6,680.65	150.9117		

Weighted Avg Cost/BBL by Location

147.2014 3.0390

Weighted Avg Cost/BBL @ Avg Cost

150.9117 3.0390

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

WAIMEA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP	COST PER BARREL	LT	TOTAL
Balance at 08/31/2022	873.2	36,673.0	96,800.3	2,660.78			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(23,467)	(56,545.03)	(1,695.94)			
Actual		23,394.0	91,891.3	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Actual		xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxxxxxxxxx			
Transfers in: Estimate	(4.7)	(199)	0.00	0.00			
Actual	11.0	464	0.00	1,690.66			
Consumed: Estimate	281.6	11,828	36,047.35	855.59			
Actual	(445.4)	(18,705)	(66,638.83)	(1,353.05)			
Balance Per G/L 08/31/2022	714.0	29,988	101,555.03	2,158.04	142.2339		
ULSD Purchases	376.2	15,802	59,854.21	1,142.00	159.0860		
Estimated Purchases	190.0	7,980	30,226.34	576.71			
Transfer in	xxxxxxxxxxxx	(14)	0.00	0.00	#DIV/0!		
Consumed	(475.0)	(19,950)	(62,866.63)	(1,447.47)	132.3508	3.0473	135.3981
Balance @ 09/30/2022	804.9	33,806	128,768.95	2,429.27	159.9804		
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	804.9	33,806	128,768.95	2,429.27	159.9804		
Reverse Fuel Balance	xxxxxxxxxxxx	xxxxxxxxxxxx	(128,768.95)	xxxxxxxxxxxx			
Fuel Balance @ Avg Price	xxxxxxxxxxxx	xxxxxxxxxxxx	121,469.58	xxxxxxxxxxxx			
Total @ 10/01/2022 Avg Price	804.9	33,806	121,469.58	2,429.27	150.9117		
Weighted Avg Cost/BBL by Location			159.9804	3.0181			
Weighted Avg Cost/BBL @ Avg Cost			150.9117	3.0181			

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

KANOELEHUA DIESEL

ULSD	BBL	GALLONS	COST EXCLUDE LT	LAND TRANSP
Balance at 08/31/2022	1,281.0	53,800.0	185,278.2	1620.1
Less: Est'd Inventory Addition	0.0	0	0.00	0.00
Purchases: Estimate	(559.5)	(23,500)	(92,307.62)	(700.52)
Actual	557.8	23,427	92,020.89	0.00
Transfers out: Estimate		x	x	x
Actual		x	x	x
Transfers in: Estimate		(156)	0.00	(4.65)
Actual		156	0.00	698.35
Consumed: Estimate	343.2	14,413	43,925.47	435.03
Actual	(552.5)	(23,203)	(76,736.80)	(661.47)
Balance Per G/L 08/31/2022	1,069.9	44,937	152,180.15	1,386.85
ULSD Purchases	376	15,808	59,854.19	471.23
Estimated Purchases	0	-	-	-
Transfer in	4	153	0.00	4.56
Consumed	(390.1)	(16,386)	(51,635.72)	(493.45)
Balance @ 09/30/2022	1,059.8	44,512	160,398.62	1,369.19
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	1,059.8	44,512	160,398.62	1,369.19
Reverse Fuel Balance	x	x	(160,398.62)	x
Fuel Balance @ Avg Price	x	x	159,937.70	x
Total @ 10/01/2022 Avg Price	1,059.8	44,512	159,937.70	1,369.19

Weighted Avg Cost/BBL by Location

151.3466 1.2919

Weighted Avg Cost/BBL @ Avg Cost

150.9117 1.2919

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

DISPERSED GENERATION

	BBL	GALLONS	COST	COST/BBL
Balance at 08/31/2022	134.3	5,639	18,607.46	
Less: Est'd Inven Addition	0.0	XXXXXXXXXX	XXXXXXXXXX	
Purchases: Estimate	(34.5)	(1,450)	(5,698.50)	
Actual	88.3	3,708	14,564.96	
Consumed: Estimate	37.3	1,566	4,772.59	
Actual	(121.7)	(5,111)	(17,508.37)	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Balance Per G/L 08/31/2022	103.62	4,352	14,738.14	142.2339
Purchases	73.2	3,073	11,637.59	159.0559
Transfer out	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Transfer in	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Consumed	(37.7)	(1,583)	(4,988.36)	132.3508
Balance @ 09/30/2022	139.1	5,842	21,387.37	153.7606
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 09/30/2022	139.1	5,842	21,387.37	
Reverse Fuel Balance	XXXXXXXXXX	XXXXXXXXXX	(21,387.37)	xxxx
Fuel Balance @ Avg Price	XXXXXXXXXX	XXXXXXXXXX	20,991.11	xxxx
Total @ 10/01/2022 Avg Price	139.1	5,842	20,991.11	150.9117

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

		<u>October 1, 2022</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
PGV (25 MW)	- on peak	21.993	6.560
PGV (22 MW)	- off peak	21.833	5.430
WAILUKU HYDRO	- on peak	21.993	7.240
	off peak	21.833	5.970
Other: (<100 KW)	Sch Q Rate	21.520	
		<u>October 1, 2022</u> <u>(¢/kWh)</u>	<u>Floor Rates</u> <u>(¢/kWh)</u>
HEP		24.242	
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
October 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 (October 1, 2022)	88,981 mwh
6	Adjustment (Line 4 / Line 5)	0.439 ¢/kwh

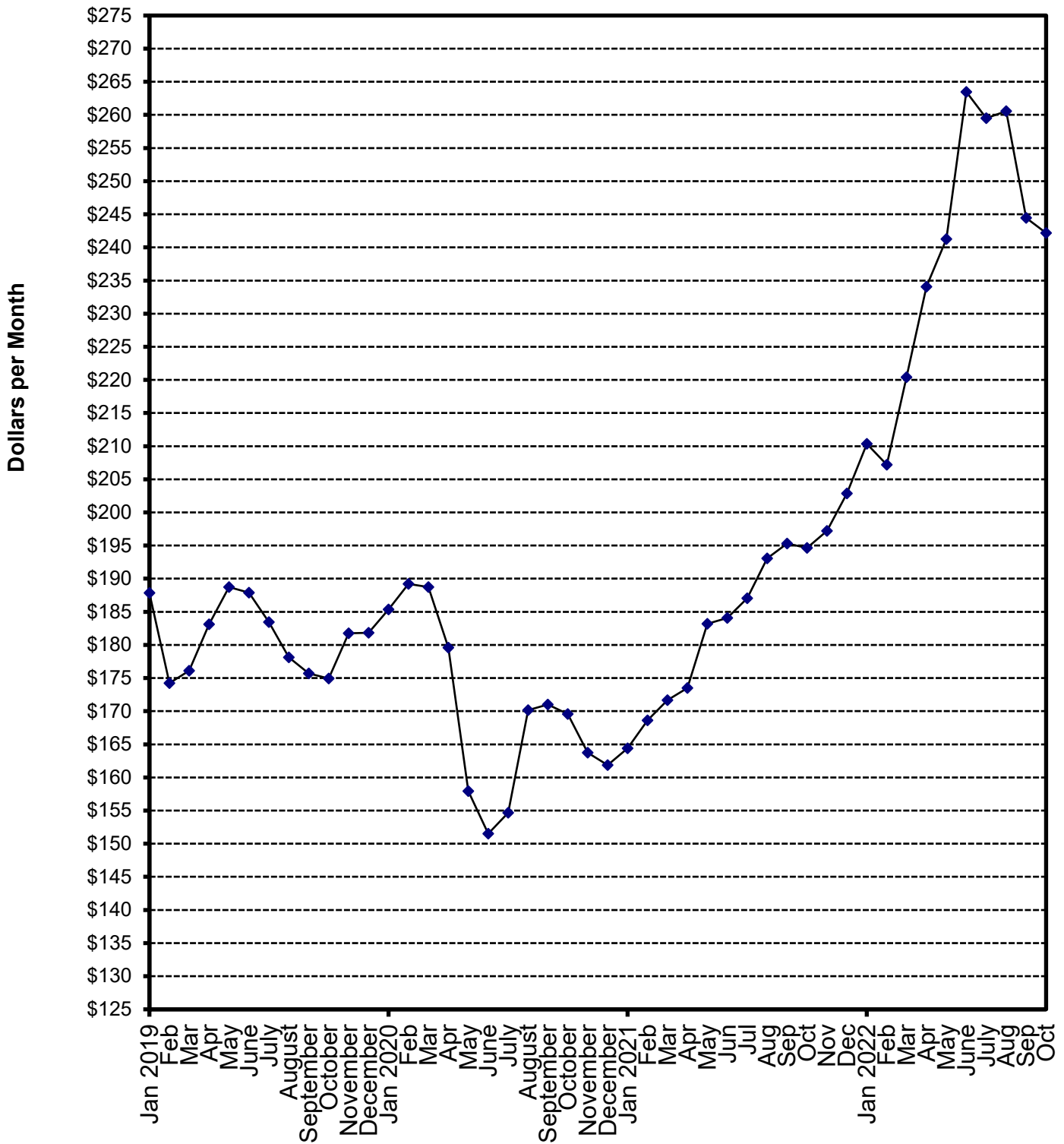
HAWAII ELECTRIC LIGHT COMPANY, INC.
2022 Cumulative Reconciliation Balance

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	361,221	(669,443)
September					356,300		
October					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 & 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	

**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
11/1/2020	Final Rates (TY2019), Docket No. 2018-0368, Order No. 37395	
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
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	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	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	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

**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		
	9/01/22	10/01/22	9/01/22	10/01/22	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	¢/kwh	1.3708	\$6.85	\$6.85	\$0.00
Purchased Power Adj. Clause	¢/kwh	2.2638	\$11.32	\$11.39	\$0.07
PBF Surcharge	¢/kwh	0.6488	\$3.24	\$3.24	\$0.00
DSM Adjustment	¢/kwh	0.0035	\$0.02	\$0.02	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	27.3220	\$136.61	\$134.25	-\$2.36
Green Infrastructure Fee	\$	1.18	\$1.18	\$1.18	\$0.00
Avg Residential Bill at 500 kwh			\$244.46	\$242.17	
			Increase (Decrease -)		-\$2.29
			% Change		-0.94%

	Rate		Charge (\$) at 600 Kwh		
	9/01/22	10/01/22	9/01/22	10/01/22	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	¢/kwh	1.3708	\$8.22	\$8.22	\$0.00
Purchased Power Adj. Clause	¢/kwh	2.2638	\$13.58	\$13.66	\$0.08
PBF Surcharge	¢/kwh	0.6488	\$3.89	\$3.89	\$0.00
DSM Adjustment	¢/kwh	0.0035	\$0.02	\$0.02	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	27.3220	\$163.93	\$161.10	-\$2.83
Green Infrastructure Fee	\$	1.18	\$1.18	\$1.18	\$0.00
Avg Residential Bill at 600 kwh			\$292.81	\$290.06	
			Increase (Decrease -)		-\$2.75
			% Change		-0.94%

Phillipson, Yvonne

From: puc@hawaii.gov
Sent: Wednesday, September 28, 2022 8:45 AM
To: Phillipson, Yvonne
Subject: Hawaii PUC eFiling Confirmation of Filing

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