

June 28, 2021

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: <u>Hawai'i Electric Light Energy Cost Recovery Factor for July 2021</u>

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") July 2021 Energy Cost Recovery factor is 17.040 cents per kilowatt-hour ("kWh"), an increase of 0.314 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$187.04, an increase of \$2.96 compared to rates effective June 1, 2021. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$1.57), increase in the Purchased Power Adjustment Clause (+\$1.15) and increase in the Public Benefits Fund Surcharge (+\$0.30), partially offset by the decrease in the Green Infrastructure Fee (-\$0.06).

Hawai'i Electric Light's fuel composite cost of generation increased 21.19 cents per million BTU to 1,349.55 cents per million BTU. The composite cost of distributed generation remains at 0 cents per kWh. The composite cost of purchased energy increased 0.012 cents per kWh to 13.028 cents per kWh.

The attached sheets set forth the fuel adjustment in cents per kWh for each rate schedule that is applicable for pro rata use beginning July 1, 2021.

If you have any questions regarding this filing, please feel free to call me at 543-4622.

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

EFFECTIVE DATES

	<u>6/01/21</u>	<u>7/01/21</u>	<u>Change</u>
Composite Cost			
Generation, ¢/mmbtu Dispersed Generation Energy, ¢/kWh Purchased Energy, ¢/kWh	1,328.36 0.00 13.016	1,349.55 0.000 13.028	21.19 0.000 0.012
Residential Schedule "R"			
Energy Cost Recovery - ¢/kWh	16.726	17.040	0.314
Others - "G,J,P,F"			
Energy Cost Recovery - ¢/kWh	16.726	17.040	0.314
Residential Customer with:			
500 KWH Consumption - \$/Bill 600 KWH Consumption - \$/Bill	184.08 220.35	\$187.04 \$223.92	\$2.96 \$3.57

0.000 0.000

0.00000 0.000 0.00 0.00000 0.00000 1.062 1.0975

0.00000

8.95569 0.00000 8.95569

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

ENERGY COST RECOVERY (ECR) FILING - July 1, 2021 (Page 1 of 2)

July 1, 2021 June 1, 2021

- Line 1 Effective Date
 - 2 Supercedes Factors of

GENERATION COMPONENT

CENTRAL STAT	ION WITH WIND/H	YDRO COMPON	IENT	1
FUEL PRICES				
3	,			
4 Hill Industrial			1,180.12	
5 Puna Industria	al		1,200.89	
6 Keahole Dies			1,506.71	
6a Keahole ULSI			1,419.34	
7 Waimea ULSD			1,409.28	
8 Hilo Diesel	Diesei		1,409.28	
			-	
8a Hilo (Kanoeleh	ua) ULSD Diesei		1,380.42	
9 Puna Diesel			1,475.16	
10 Wind			0.00	
11 Hydro			0.00	ENERGY, ¢/kWh
				36 % Input to System kWh Mix
BTU MIX, %				
12				37 WEIGHTED COMPOSITE DG ENERGY COST,
13 Hill Industrial			35.877	¢/kWh (Lines 35 x 36)
14 Puna Industria	ıl		10.953	
15 Keahole Diese	el		43.352	38 BASE DG ENERGY COMPOSITE COST
15a Keahole ULSI	C		0.248	
16 Waimea ULS	D Diesel		0.341	39 Base % Input to System kWh Mix
17 Hilo Diesel			1.349	
17a Hilo (Kanoeleh	ua) ULSD Diesel ¹		0.203	¢/kWh (Line 38 x 39)
18 Puna Diesel	ad) 0202 21000		7.489	
19 Wind			0.000	
20 Hydro			0.188	
20 119010			100.000	43 Revenue Tax Reg Multiplier
	OST OF GENERA		100.000	
	ATION + WIND/HY		1,349.55	44 DG FACTOR, ¢/kWh (Line 41 x 42 x 43)
22 % Input to Syst			48.438	(Line 41 x 42 x 43)
[Lines 23(D) + 27 WEIGHTED C	ency Factor, mmbtu 24(D) + 25(D)] DMPOSITE CENTR D GENERATION CO	AL STATION +	(D) Weighted <u>Eff Factor</u> 0.006867 0.005593 0.000023 0.0124830 8.16008	
GENERAT	AL STATION + WIN ON COST, ¢/mmbtu		0.00	
29 Base % Input to			0.00	
WIND/HYDR	ASE CENTRAL STA		0.000000	
(Lines (28 x)	29 x 30))		0.00000	SUMMARY OF
32 COST LESS B	ASE (Line 27 - 31)		8.16008	
33 Revenue Tax F	· · · · · ·		1.0975	
	TION + WIND/HYD	RO		46 DG (line 44)
GENERATION				47 TOTAL GENERATION FACTOR,
¢/kWh (Line (8.95569	¢/kWh (lines 45 + 46)
ψ/κνντι (Line (JZ A JJJJ		0.90009	ψ/NVVII (IIIIes 40 ± 40)

¹ Hilo ULSD same location as Kanoelehua ULSD

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

ENERGY COST RECOVERY (ECR) FILING - July 1, 2021 (Page 2 of 2)

83a Comp. Cost Purchased Energy Fossil, ¢/kWh 14.7760 93D 2019 TÝ Sales, MWh 1,061,718 83b Comp. Cost Purchased Energy Renewable, ¢/kWh 13.0005 93D 2019 TÝ Sales, MWh 1,061,718 84 COMPOSITE COST OF PURCHASED 93E Non-Adj Revenues, ¢/kWh 0.00135 85 % Input to System kWh Mix 51.562 93E Non-Adj Revenues, ¢/kWh 0.00135 87 BASE PURCHASED ENERGY 6.71750 6.71750 6.71750 6.71750 88 Base % Input to Sys kWh Mix 0.00 0.0000 124 GENERATION AND PURCHASED ENERGY 6.71750 80 WEIGHTED BASE PURCHASED ENERGY 0.00000 FACTOR, ¢/kWh (Lines (47 + 93)) 16.78524 125 90 COST LESS BASE (Lines (86 - 89)) 6.71750 126 Non-Adjustable Component (Line 93E) 0.00135 91 Loss Factor 1.062 127 FOSRI Fuel Cost Risk Sharing Component (Line 123) (0.048) 92 Revenue Tax R 1.0975 128 ECA FACTOR, ¢/kWh 0.302 93 PURCHASED ENERGY FACTOR, ¢/kWh 1.285 GECA FACTOR, ¢/kWh 17.040	Line	PURCHASED EI	NERGY COMPONEN	T	Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	ent .
44 HEP 14.776 94 IF O 5, baseline month \$51.974,000 PURCHASED ENERGY PRICE, eNVm – Renewate 90 Baseline IFO, frimblu, baseline 224,069 91 POV - Add15 MW On Peak 13345 91 91 POV - Add15 MW On Peak 13345 92 92 Second 15 MV On Peak 13450 99 Deset 5, baseline month \$23,033,641 94 POV - Add18 MW On Peak 64,404 99 Baseline Dised 24,609 95 Pov - Add18 MW On Peak 14,421 100 IFO Gase (Amplut) 1,434,90 97 Hark Renewable Dev, OT Peak 13,325 101 IFO Gase ECRC Recovery Target \$2,20,000 96 Frashri (Pakin Nu) OT Peak 13,050 104 IFO Gase ECRC Recovery Target \$2,161,072 97 Hark Renewable Dev, OT Peak 13,050 104 IFO Gase ECRC Recovery Target \$2,061,070 98 Recover Mark Monto Proba 13,050 105 Desed Interntata						Basolino IEO	
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			CTOR. ¢/kWh				11.040
		(Lines (90 x 91 x 92))	· · · , <i>F</i> · · · · · ·				

Hawaii Electric Light Company, Inc. FUEL OIL INVENTORY PRICES FOR July 1, 2021

INDUSTRIAL FUEL COSTS: Average Industrial Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	<u>HILO</u> 74.3474 	<u>PUNA</u> 74.3474 1.3087		
Industrial Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	74.3474 6.30	75.6561 6.30		
Industrial Costs For Filing - ¢/mmbtu	1,180.12	1,200.89		
DIESEL FUEL COSTS: Average Diesel Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	KEAHOLE 85.1187 3.1746	PUNA CT-3 85.1187 1.3258	HILO 85.1187 1.0456	
Diesel Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	88.2933 5.86	86.4445 5.86	86.1644 5.86	
Diesel Costs For Filing - ¢/mmbtu	1,506.71	1,475.16	1,470.38	
ULSD FUEL COSTS: Average ULSD Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	KEAHOLE 78.0546 3.2734	WAIMEA 78.0546 2.6969	HILO 78.0546 1.0437	DISPERSED GENERATION 78.0546 -
ULSD Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	81.3280 5.73	80.7515 5.73	79.0982 5.73	78.0546 5.73
ULSD Costs For Filing - ¢/mmbtu	1,419.34	1,409.28	1,380.42	1,362.21

Dispersed Generation, cents per kWh

	COMPOSITE COST
	OF DISP. GEN.
BBIs Fuel:	0.0000
\$/BBI Inv Cost:	78.0546
Fuel \$ (Prod Sim Consumption x Unit Cost)	0.00
Net kWh (from Prod Sim)	0
cents/kWh:	#DIV/0!

HAWAII ELECTRIC LIGHT CO., INC.

Estimated Weighted Average June 2021

	SHIPMAN	INDUSTRIAL	HILL INDU	JSTRIAL				
						COST PER BARREL		
	BBL	COST	BBL	COST	EXCL LT	LT Total		
Balance at 05/31/2021	0	0.00	35,853	2,635,889.31				
Less: Est'd Inventory Addn			0	0.00				
Purchases: Estimate			xxxxxxxx	****				
Actual	XXXXXX XXX	xxxxxxxxxxxxxx	XXXXXXXXXX	*****				
Transfers out: Estimate	хххххх ххх		xxxxxxxx	****				
Actual	XXXXXX XXX	*****	XXXXXXXXXX	*****				
Transfers in: Estimate	0	0.00	(15,688)	(1,135,814.72)				
Actual	0	0.00	19,094	1,414,323.54				
Consumed: Estimate	0	0.00	19,138	1,385,009.72				
Actual	0	0.00	(22,984)	(1,663,343.26)				
Balance Per G/L 05/31/2021	0	0.00	35,413	2,636,064.59				
Purchases	xxxxxx xx>	xxxxxxxxxxxx	XXXXXXXXXXXX	****				
Transfer out	xxxxxx xx>	****	xxxxxxxx	*****				
Transfer in	0	0.00	22,846	1,668,230.16				
Consumed	0	0.00	(19,432)	(1,416,270.17)	106.5901	0.0000	106.5901	
Balance @ 06/30/2021	0	0.00	38,827	2,888,024.58				
Inv From Offsite/Transfers	0	0.00	0	0.00				
Est'd Inventory Addition	0	0.00	0	0.00				
Fuel Balance @ 06/30/2021	0	0.00	38,827	2,888,024.58				
Reverse Fuel Balance	xxxxxx	0.00	xxxxxxxx	(2,888,024.58)				
Fuel Bal @ Avg Price	XXXXXX	0.00	xxxxxxxx	2,886,685.80				
Total @ 07/01/2021 Avg Price	0	0.00	38,827	2,886,685.80				
Weighted Avg Cost/BBL by Location		#DIV/0!		74.3819				
Weighted Avg Cost/BBL @ Avg Cost		#DIV/0!		74.3474				

HAWAII ELECTRIC LIGHT CO., INC.

Estimated Weighted Average June 2021

	PUNA INDUS	STRIAL				
			LAND	COST PER BAR	RREL	
	BBL	COST	TRANSP	EXCLUDE LT	LT	TOTAL
Balance at 05/31/2021	6,437	460,612.53	9,056.98			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	xxxxxxxxxx	****	****			
Actual	XXXXXXXXXXXX	****	****			
Transfers out: Estimate	****	****	****			
Actual	xxxxxxxxxxx	*****	*****			
Transfers in: Estimate	(6,203)	(434,155.87)	(8,158.87)			
Actual	5,551	390,667.85	7,000.08			
Consumed: Estimate	8,952	647,852.81	12,112.69			
Actual	(6,632)	(479,955.30)	(8,469.42)			
Balance Per G/L 05/31/2021	8,105	585,022.01	11,541.46	-		
Purchases	****	****	*****			
Transfer out	****	****	****			
Transfer in	10,902	787,508	14,339.51			
Consumed	(10,237)	(746,107.34)	(14,403.65)	72.8834	1.4070	74.2904
Balance @ 06/30/2021	8,770	626,422.39	11,477.32			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	8,770	626,422.39	11,477.32		1.3087	
Reverse Fuel Balance	xxxxxxxxxx	(626,422.39)	*****			
Fuel Balance @ Avg Price	*****	652,026.54	****			
Total @ 07/01/2021 Avg Price	8,770	652,026.54	11,477.32	-		
Weighted Avg Cost/BBL by Location		71.4279	1.3087			
Weighted Avg Cost/BBL @ Avg Cost		74.3474	1.3087			

		KEAHOLE DIESEL					
			COST	LAND	COST PER	BARREL	
HS Diesel	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCLUD LT	LT	TOTAL
Balance at 05/31/2021	35,641.6	1,496,948.0	2,991,372.4	115,482.2			
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		*****	****	****			
Actual		*****	****	*****			
Transfers in: Estimate	(48,556.7)	• • • •					
Actual	49,025.4	2,059,066.0	4,146,644.5	156,254.50			
Consumed: Estimate	56,267.5	2,363,234.0	4,618,771.6	187,114.50			
Actual	(55,653.4)	(2,337,441.0)	(4,683,300.3)	(186,063.8)	84.1513		
Balance Per G/L 05/31/2021	36,724.4	1,542,425	3,063,579.43	121,057.38	83.4208		
Purchases	****	****	****	*****			
Transfer out	****	****	****	****			
Transfer in	44,837.4	1,883,170.0	3,826,947.7	140,107.8	85.3517		
Consumed	(34,204.6)	(1,436,592.0)	(2,865,753.0)	(110,826.00)	83.7827	3.2401	87.0228
Balance @ 06/30/2021	47,357.2	1,989,003	4,024,774.18	150,339.23	84.9876		
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	47,357.2	1,989,003	4,024,774.18	150,339.23	84.9876		
Reverse Fuel Balance	****	****	(4,024,774.2)	****			
Fuel Balance @ Avg Price		****		*****			
Total @ 07/01/2021 Avg Price	47,357.2	1,989,003	4,030,986.24	150,339.23	85.1187		
Weighted Avg Cost/BBL by Location			84.9876	3.1746			
Weighted Avg Cost/BBL @ Avg Cost			85.1187	3.1746			

HAWAII ELECTRIC LIGHT CO., INC.

Estimated Weighted Average June 2021

	Р	UNA CT-3					
			COST	LAND	COST PER	BARREL	
HS Diesel	BBL	GALLONS	EXCLUD LT	TRANSP	EXCL LT	LT	TOTAL
Balance at 05/31/2021	2,457.2	103,202.0	214,475.2	2,163.4			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate Actual		xxxxxxxxxxxxxxxx xxxxxxxxxxxxxx					
Transfers out: Estimate Actual		xxxxxxxxxxxxxxxx xxxxxxxxxxxxxxx					
Transfers in: Estimate Actual	(6,663.1) 9,046.3	(279,849.0) 379,943.0	(556,220.3) 719,072.3	(8,115.6) 10,570.1			
Actual	9,040.3	379,943.0	719,072.3	10,370.1			
Consumed: Estimate	7,851.0	329,742.0	644,457.1	12,008.4			
Actual	(5,190.7)	(218,010.0)	(396,072.6)	(7,625.6)			
Balance Per G/L 05/31/2021	7,500.7	315,028	625,711.66	9,000.69			
Purchases	****	****	****	****			
Transfer out	xxxxxxxxx x	****	****	****			
Transfer in	156.7	6,580.0	11,849.0	190.8	75.6322	!	
Consumed	(2,156.4)	(90,567)	(180,665.53)	(1,898.53)	83.7827	0.8804	84.6632
Balance @ 06/30/2021	5,501.0	231,041	456,895.19	7,292.98	83.0571		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 06/30/2021	5,501.0	231,041	456,895.19	7,292.98	83.0571		
Reverse Fuel Balance Fuel Balance @ Avg Price		xxxxxxxxxxxxxxxxx xxxxxxxxxxxxxx	(456,895.19) 468,236.14				
Total @ 07/01/2021 Avg Price	5,501.0	231,041	468,236.14	7,292.98	85.1187	,	
Weighted Avg Cost/BBL by Location			83.0571	1.3258			
Weighted Avg Cost/BBL @ Avg Cost			85.1187	1.3258			

		TOTAL HILO	HS-DIESEL				
			COST	LAND	COST PER	BARREL	
HS Diesel	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCL LT	LT	TOTAL
Balance at 05/31/2021	1739.0	73,037	144,566	1,786			
Less: Est'd Inven Addition	0.0	0	0	0			
Purchases: Estimate		****	****	xxxxxxxxxx			
Actual		xxxxxxxxxx	xxxxxxxxxx	XXXXXXXXXXXX			
Transfers out: Estimate		****	****	xxxxxxxxxx			
Actual		****	****	XXXXXXXXXXXX			
Transfers in: Estimate	0.0	0.0	0.0	0.0			
Actual	555.2	23320.0	46744.6	606.6			
Consumed: Estimate	157.9	6632.0	12961.8	164.2			
Actual	-149.7	-6289.0	-12206.2	-154.7			
Balance Per G/L 05/31/2021	2302.4	96,700	192,066.48	2,402.35	83.4208		
Purchases	****	****	****	****			
Transfer out	****	****	****	****			
Transfer in	0.0	0.0	0.0	0.0	#DIV/0!		
Consumed	-277.2	-11642.0	-23223.8	-284.7	83.7827	1.0272	84.8099
Balance @ 06/30/2021	2,025.2	85,058	168,842.70	2,117.62	83.3713		
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	2,025.2	85,058	168,842.70	2,117.62	83.3713		
Reverse Fuel Balance	****	****	-168,842.70	xxxxxxxxxx			
Fuel Balance @ Avg Price	****		-	****			
Total @ 07/01/2021 Avg Price	2,025.2	85,058	172,381.65	2,117.62	85.1187		
Weighted Avg Cost/BBL by Location			83.3713	1.0456			
Weighted Avg Cost/BBL @ Avg Cost			85.1187	1.0456			

		KEAHOLE ULS	D				
			COST	LAND	COST PER BARREL		
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCLUD LT	LT	TOTAL
Balance at 05/31/2021	2,370.6	99,565	184,777.36	8,158.62			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(190.0)	(7,980)	(16,279.20)				
Actual	0.0	0	0.00	0.00			
Transfers out: Estimate		xxxxxxxxxxx	****				
Actual		XXXXXXXXXXXXXXXX	*****	*****			
Transfers in: Estimate		(38)	0.00	(2.83)			
Actual		126	0.00	0.00			
Consumed: Estimate	112.0	4,704	8,421.46	413.02			
Actual	(77.9)	(3,271)	(5,856.00)	(667.67)	75.1917		
Balance Per G/L 05/31/2021	2,216.8	93,106	171,063.63	7,307.43	77.1666		
Purchases	188.5	7,916	16,942.94	588.95	0.0000		
Estimated Purchases	0.0	0	0.00	0.00			
Transfer in	(2.1)	(90)	0.00	(6.70)	0.00		
Consumed	(138.2)	(5,805)	(10,784.16)	(475.68)	78.0249	3.4416	81.4665
Balance @ 06/30/2021	2,264.9	95,127	177,222.41	7,414.01	78.2464		
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	2,264.9	95,127	177,222.41	7,414.01	78.2464		
Reverse Fuel Balance	****	****	(177,222.41)	xxxxxxxxxx			
Fuel Balance @ Avg Price	*****	****		****			
Total @ 07/01/2021 Avg Price	2,264.9	95,127	176,788.01	7,414.01	78.0546		
Weighted Avg Cost/BBL by Location			78.2464	3.2734			
Weighted Avg Cost/BBL @ Avg Cost			78.0546	3.2734			

		WAIMEA DIES	EL					
			COST	LAND	COST	PER BARREL		
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP			LT	TOTAL
Balance at 05/31/2021	892.0	37,463.0	70,757.9	2,350.81				
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00				
Purchases: Estimate		(7,980)	(16,279.20)	(494.76)				
Actual		0.0	0.0	0.00				
Transfers out: Estimate		****	****	****				
Actual		*****	*****	*****				
Transfers in: Estimate	(1.4)	(60)		0.00				
Actual	5.2	218	0.00	0.00				
Consumed: Estimate	197.2	8,282	14,827.08	524.15				
Actual	(146.7)	(6,162)	(11,031.69)	(343.64)				
Balance Per G/L 05/31/2021	756.2	31,761	58,274.13	2,036.57		77.0603		
ULSD Purchases	188.5	7,916	16,942.94	490.79		89.8943		
Estimated Purchases	-	0	0.00	0.00				
Transfer in	****	(160)	0.00	0.00	#DI	V/0!		
Consumed	(165.2)	(6,937)	(12,887.12)	(435.30)		78.0249	2.6355	80.6605
Balance @ 06/30/2021	775.7	32,580	62,329.95	2,092.06		80.3517		
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	775.7	32,580	62,329.95	2,092.06		80.3517		
Reverse Fuel Balance	xxxxxxxxxxx	****	(62,329.95)	xxxxxxxxxxx				
Fuel Balance @ Avg Price	*****	****		****				
Total @ 07/01/2021 Avg Price	775.7	32,580	60,548.04	2,092.06		78.0546		
Weighted Avg Cost/BBL by Location			80.3517	2.6969				
Weighted Avg Cost/BBL @ Avg Cost			78.0546	2.6969				

	I	KANOELEHUA	DIESEL	
			COST	LAND
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP
Balance at 05/31/2021	1,184.2	49,738.0	91,530.7	ا 1,218.5
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	х	x
Actual		х	Х	x
Transfers in: Estimate		0	0.00	0.00
Actual		0	0.00	0.00
Consumed: Estimate	53.2	2,235	4,001.27	53.88
Actual	(58.0)	(2,436)	(4,361.12)	(49.17)
Balance Per G/L 05/31/2021	1,179.5	49,537	91,170.81	1,223.23
ULSD Purchases	188	7,913	16,936.53	202.57
Estimated Purchases	0	-	-	-
Transfer in	0	3	0.00	0.08
Consumed	(120.8)	(5,075)	(9,428.01)	(124.33)
Balance @ 06/30/2021	1,247.1	52,378	98,679.33	1,301.55
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	1,247.1	52,378	98,679.33	1,301.55
Reverse Fuel Balance	x	x	(98,679.33)	x
Fuel Balance @ Avg Price	x	x	97,341.47	x
Total @ 07/01/2021 Avg Price	1,247.1	52,378	97,341.47	1,301.55
Weighted Avg Cost/BBL by Location			79.1273	1.0437
Weighted Avg Cost/BBL @ Avg Cost			78.0546	1.0437

DISPERSED GENERATION

		ENERATION		
	BBL	GALLONS	COST	COST/BBL
Balance at 05/31/2021	140.0	5,878	10,815.88	
Less: Est'd Inven Addition	0.0	****	xxxxxxxxx	
Purchases: Estimate	0.0	0	0.00	
Actual	0.0	0	0.00	
Consumed: Estimate		240		
Actual	(7.6)	(321)	(4,026.44)	
	xxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	
	XXXXXXXXXX	*****	XXXXXXXXXXX	
	xxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	
	XXXXXXXXXX	xxxxxxxxxx	xxxxxxxxxxx	
Balance Per G/L 05/31/2021	138.02	5,797	7,219.11	52.3034
Purchases	0.0	0	0.00	0.0000
Transfer out	****	****	xxxxxxxxxx	
Transfer in	****	****	xxxxxxxxxx	
Consumed	(4.0)	(170)	(315.82)	78.0249
Balance @ 06/30/2021	134.0	5,627	6,903.29	51.5263
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 06/30/2021	134.0	5,627	6,903.29	
Reverse Fuel Balance	XXXXXXXXXXXXXX	****	(6,903.29) xxxx	(
Fuel Balance @ Avg Price		*****	10,457.45 xxxx	
Total @ 07/01/2021 Avg Price	134.0	5,627	10,457.45	78.0546

Hawaii Electric Light Company, Inc. PURCHASED POWER PRICES FOR July 1, 2021

		July 1, 2021 (¢/kWh)	Floor Rates (¢/kWh)
PGV (25 MW)	- on peak	14.201	6.560
PGV (22 MW)	- off peak	13.915	5.430
WAILUKU HYDRO	- on peak	14.201	7.240
	off peak	13.915	5.970
Other: (<100 KW)	Sch Q Rate	13.670	
		July 1, 2021 (¢/kWh)	Floor Rates (¢/kWh)
HEP		14.776	
PGV Addtl 5 MW	- on peak	13.450	0.0000
	- off peak	13.450	0.0000
PGV Addtl 8 MW	- on peak	6.840	0.0000
	- off peak	6.840	0.0000

Hawaii Electric Light Company, Inc. Energy Cost Reconciliation Adjustment July 1, 2021

<u>Line No.</u>	Description	<u>Amount</u>	
1	Amount to be (returned) or collected	\$707,400	
2	Monthly Amount $(^{1}/_{3} \times \text{Line 1})$	\$235,800	
3	Revenue Tax Divisor	0.91115	
4	Total (Line 2 / Line 3)	\$258,794	
5	Estimated MWh Sales (July 1, 2021)	85,634	mwh
6	Adjustment (Line 4 / Line 5)	0.302	¢/kwh

HAWAII ELECTRIC LIGHT COMPANY, INC.

2021 Cumulative Reconciliation Balance

	(1)		(2) FOA Rec	(3) FOA Rec	(4) Tau ta	(5)	(6) Month-end
<u>Month</u>	YTD FOA Reconciliation	<u>Qtr</u>	Adjust <u>Variance</u>	Less <u>Variance</u>	Try to <u>Collect</u>	Actual <u>Collect</u>	Cumulative <u>Balance</u>
January 20 February March April	141,300	[4]	(9,952)	151,252	(642,633) (47,100) (47,100) (47,100)	(673,144) (45,511) (46,650) (40,115)	(5,060) 100,681 54,031 13,916
May June July	2,567,100	(1)	(28,472)	2,595,572	(855,700) (855,700) (855,700)	(882,167) (879,772) (862,349)	1,727,321 847,549 (14,800)
August September October	(359,300)	[2]	(43,554)	(315,746)	119,767 119,767 119,767	114,005 115,511 117,423	(216,541) (101,030) 16,393
November December January 21	784,000	[3]	(16,667)	800,667	(261,333) (261,333) (261,333)	(266,872) (262,859) (275,071)	550,188 287,329 12,258
February 21 March April	374,300	[4]	(9,409)	383,709	(124,767) (124,767) (124,767)	(125,584) (134,386) (131,121)	270,383 135,997 4,876
May June July	(707,400)	(1)	(24,174)	(683,226)	235,800 235,800 235,800	261,182	(417,168)

NOTES:

Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 6)

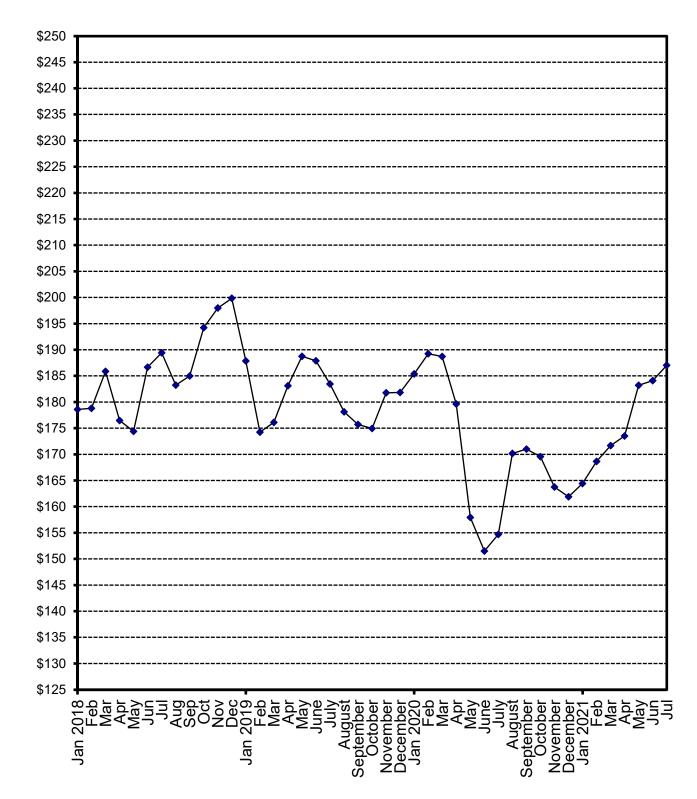
 A positive number is an over-collection. A negative number is an under-collection.

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. FUEL OIL ADJUSTMENT FACTOR DATA

EFFECTIVE DATE	FUEL FACTOR CENTS / KWH RESIDENTIAL & <u>COMMERCIAL</u>		IAL BILL (\$) @ 600 KWH
January 1, 2018	-0.723	178.59	213.95
February 1, 2018	-0.579	178.81	214.22
March 1, 2018	0.816	185.87	222.68
April 1, 2018	-0.912	176.46	211.39
May 1, 2018	-0.452	174.38	208.90
June 1, 2018	2.301	186.65	223.63
July 1, 2018	2.831	189.43	226.97
August 1, 2018	1.665	183.25	219.55
September 1, 2018	2.027	184.98	221.62
October 1, 2018	8.359	194.21	232.50
November 1, 2018	8.913	197.99	237.04
December 1, 2018	9.292	199.86	239.29
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 February 1, 2020 March 1, 2020 May 1, 2020 June 1, 2020 July 1, 2020 August 1, 2020 September 1, 2020 November 1, 2020 December 1, 2020	$16.768 \\ 17.547 \\ 17.424 \\ 15.644 \\ 11.215 \\ 10.575 \\ 11.359 \\ 14.389 \\ 14.569 \\ 14.274 \\ 13.426 \\ 13.032 \\ 14.032 \\ 1$	185.37 189.22 188.72 179.61 157.94 151.51 154.68 170.16 171.01 169.56 163.74 161.87	221.88 226.49 225.90 214.96 188.96 181.25 185.07 203.65 204.67 202.93 195.96 193.70
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

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	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
6/1/2021-6/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2333 CENTS/KWH
6/1/2021	RBA RATE ADJUSTMENT	-0.0299 CENTS/KWH
7/1/2021	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
7/1/2021-7/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.4649 CENTS/KWH
7/1/2021	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.6478 CENTS/KWH

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

		Rate		Charge (\$) at 500 Kwh		
		6/01/21	7/01/21	6/01/21	7/01/21	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	
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$33.52	\$33.52	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$85.24	\$85.24	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	¢/kwh	(0.0299)	(0.0299)	-\$0.15	-\$0.15	\$0.00
Purchased Power Adj. Clause	¢/kwh	2.2333	2.4649	\$11.17	\$12.32	\$1.15
PBF Surcharge	¢/kwh	0.5882	0.6478	\$2.94	\$3.24	\$0.30
DSM Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	16.7260	17.0400	\$83.63	\$85.20	\$1.57
Green Infrastructure Fee	\$	1.25	1.19	\$1.25	\$1.19	-\$0.06

Calculations of the Average Residential Customer Bill

Avg Residential Bill at 500 kwh

Increase (Delecrease -) % Change % Change

\$184.08

\$187.04

\$2.96 1.61%

	Rate			Charge (\$) at 600 Kwh		
		6/01/21	7/01/21	6/01/21	7/01/21	Difference
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$90.49	\$90.49	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$101.99	\$101.99	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	¢/kwh	(0.0299)	(0.0299)	-\$0.18	-\$0.18	\$0.00
Purchased Power Adj. Clause	¢/kwh	2.2333	2.4649	\$13.40	\$14.79	\$1.39
PBF Surcharge	¢/kwh	0.5882	0.6478	\$3.53	\$3.89	\$0.36
DSM Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
Energy Cost Recovery	¢/kwh	16.7260	17.0400	\$100.36	\$102.24	\$1.88
Green Infrastructure Fee	\$	1.25	1.19	\$1.25	\$1.19	-\$0.06
Avg Residential Bill at 600 kwh				\$220.35	\$223.92	

Increase (Decrease -) % Change \$3.57 1.62%

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