



October 27, 2023

The Honorable Chair and Members  
of the Hawai'i Public Utilities Commission  
Kekuanao'a Building, First Floor  
465 South King Street  
Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: Hawaiian Electric Energy Cost Recovery Factor for November 2023

Hawaiian Electric Company, Inc.'s ("Hawaiian Electric" or "Company") November 2023 Energy Cost Recovery Factor is 24.127 cents per kilowatt-hour ("kWh"), an increase of 0.207 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$213.12, a decrease of \$1.74 compared to rates effective October 1, 2023. The decrease in the residential typical bill is due to a decrease in the Purchase Power Adjustment Clause rate (-\$2.42), a decrease in the Demand Response Adjustment Clause rate (-\$0.04), and a decrease in the impact of the RBA rate adjustment (-\$0.41), which are partially offset by an increase in the Energy Cost Recovery Factor (+\$1.04), and an increase in the DSM Adjustment (+\$0.09).

The Company's fuel composite cost of major energy increased 142.69 cents per million BTU to 2,154.73 cents per million BTU. The Company's composite cost of minor energy increased 3.520 cents per kWh to 15.489 cents per kWh. The composite cost of purchased energy increased 0.015 cents per kWh to 18.069 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, 2023.

Very truly yours,

/s/ Dean K. Matsuura

Dean K. Matsuura  
Director, Regulatory Rate Proceedings

Attachments  
cc: Division of Consumer Advocacy

**Hawaiian Electric Company, Inc.**  
**ENERGY COST RECOVERY FACTOR**

	<u>Effective Dates</u>		<u>Change</u>
	<u>10/01/23</u>	<u>11/01/23</u>	
Composite Cost Of Major Energy, ¢/mmbtu	2,012.04	2,154.73	142.69
Composite Cost Of Minor Energy, ¢/kwh	11.970	15.489	3.520
Composite Cost Of Purchased Energy, ¢/kWh	18.054	18.069	0.015
 <u>Residential, Schedule "R"</u>			
Energy Cost Recovery, ¢/kWh	23.920	24.127	0.207
 <u>Others, Schedules "G,J,DS,P,F"</u>			
Energy Cost Recovery, ¢/kWh	23.920	24.127	0.207
 <u>Residential Customer with:</u>			
500 kWh Consumption, \$/bill	214.85	213.12	(1.74)
600 kWh Consumption, \$/bill	255.81	253.70	(2.11)

Supersedes Sheet Effective:

October 1, 2023

Hawaiian Electric Company, Inc.  
ENERGY COST RECOVERY FILING

ENERGY COST RECOVERY (ECR) FILING - November 1, 2023 (page 1 of 2)

Line		
1	Effective Date	- November 1, 2023
2	Supersedes Factor	- October 1, 2023

**GENERATION COMPONENT**

MAJOR ENERGY COMPONENT				MINOR ENERGY COMPONENT				
				Fuel Type	Gen Cost ¢/KWH	Percent of Minor Energy	Weighted Gen Cost ¢/KWH	
3	FUEL PRICES, ¢/mmbtu			32a Airport DG	30.68	0.27%	0.0825	
4	Honolulu	0.00		32b CIP-Biodiesel	0.00	0.00%	0.0000	
5	Kahe	2,154.73		32c CT-1 (CIP) ULSD	0.00	0.00%	0.0000	
6	Waiau-Steam	2,154.73		32d SGS - Biodiesel	30.88	29.42%	9.0843	
7	(Future Use)	0.00		32e SGS - ULSD	21.63	29.23%	6.3224	
8	(Future Use)	0.00		32f Waiau-Diesel	0.00	0.00%	0.0000	
9	Other	0		32g West Loch PV	0.00	41.08%	0.0000	
	BTU MIX, %			32h COMPOSITE COST OF MINOR ENERGY, ¢/kWh				
10	Honolulu	0.00		33 % Input to System kWh Mix				
11	Kahe	77.31						
12	Waiau-Steam	22.69		34 WTD COMP MINOR ENERGY COST, ¢/kWh (Lines 32h x 33)				
13	(Future Use)	0.00		35 2017 TY Loss Factor				
14	(Future Use)	0.00		36 WTD COMP MINOR ENERGY COST, ¢/kWh (Line 34 x 35)				
15	(Future Use)	0.00		37 BASE MINOR ENERGY COMP COST				
16	Other	100.00		38 Base % Input to System kWh Mix				
17	COMPOSITE COST OF GENERATION, MAJOR ENERGY ¢/mmbtu	2,154.73		39 WTD BASE MINOR ENERGY COST, ¢/kWh (Line 37 x 38)				
18	% Input to system kWh Mix	53.57		40 2017 TY Loss Factor				
	EFFICIENCY FACTOR, mmbtu/kWh			41 WTD COMP MINOR ENERGY COST, ¢/kWh (Line 39 x 40)				
	(A)	(B)	(C)	(D)	42 Cost Less Base (Line 36 - 41)			
			Percent of Centrl Stn + Other	Weighted Eff Factor	43 Revenue Tax Adjustment (1 / (1-0.08885))			
19	LSFO	0.011142	100.00	0.011142	44 MINOR ENERGY FACTOR, ¢/kWh (Line 42 x 43)			
20	(Future Use)	0.000000	0.00	0.000000				
21	(Future Use)	0.000000	0.00	0.000000				
22	Other	0.011142	0.00	0.000000				
	(Lines 19 through 22): Col(B) x Col(C) = Col(D)							
23	Weighted Efficiency Factor, mmbtu/kWh [(lines 19(D) + 20(D) + 21(D) + 22(D))]			0.011142				
24	WEIGHTED MAJOR ENERGY COST, ¢/kWh Sales (lines 17 x 18 x 23)			12.86109				
25	BASE MAJOR ENERGY COST, ¢/mmbtu	0.00						
26	Base % Input to System kWh Mix	0.0000						
27	Efficiency Factor, Mbtu/kWh	0.000000						
28	WEIGHTED BASE MAJOR ENERGY COST ¢/KWH Sales (lines 25 x 26 x 27)	0.00000						
29	Cost Less Base (Line 24 - 28)	12.86109						
30	Revenue Tax Adjustment (1 / (1-0.08885))	1.097514						
31	MAJOR ENERGY GENERATION FACTOR, ¢/KWH (Line 29 x 30)	14.11523						

SUMMARY OF TOTAL GENERATION FACTOR, ¢/kWh	
45 MAJOR ENERGY (line 31)	14.11523
46 MINOR ENERGY (line 44)	- 0.25144
47 TOTAL GENERATION FACTOR, ¢/KWH (lines 45 + 46)	- 14.36667

Hawaiian Electric Company, Inc.  
ENERGY COST RECOVERY FILING

ENERGY COST RECOVERY (ECR) FILING - November 1, 2023 (page 2 of 2)

Line	Effective Date	- November 1, 2023
1		
2	Supercedes Factor	- October 1, 2023

Line	PURCHASED ENERGY COMPONENT		Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
48	PURCHASED ENERGY PRICE - FOSSIL - ¢/KWH	21.713	<b>Baseline LSFO</b>	
49	PAR Hawaii - On Peak	21.857	101 LSFO \$, baseline month	\$86,713,031
50	PAR Hawaii - Off Peak	0.000	102 LSFO mmbtu, baseline	3,645,940
51	IES Downstream	19.453	103 Baseline LSFO, ¢/mmbtu	2378.35
52	Kalaeloa			
53	Unused			
54	PURCHASED ENERGY PRICE - RENEWABLE - ¢/KWH	20.43	<b>Baseline Diesel</b>	
55	HRRV - On Peak	19.84	104 Diesel \$, baseline month	\$7,199,136
56	HRRV - Off Peak	13.01	105 Diesel mmbtu, baseline	269,088
57	HRRV - On Peak (excess)	7.81	106 Baseline Diesel, ¢/mmbtu	2,675.39
58	HRRV - Off Peak (excess)	23.77		
59	Kawailoa Wind	22.30	<b>Month LSFO</b>	
60	Kahuku Wind	14.50	107 LSFO mmbtu, budget	3,106,852
61	Waianae Solar PV	23.91	108 LSFO Cost, ¢/mmbtu	2,154.73
62	As Available I	23.74	109 LSFO ECRC Fossil Cost	\$66,944,276
63	FIT	15.00	110 LSFO Base ECRC Recovery Target	\$73,891,666
64	CBRE PV	12.73	111 LSFO differential	-\$6,947,391
65	Kawailoa PV	13.05		
66	Lanikuhana PV	12.18	<b>Month Diesel</b>	
67	Waipio PV	14.21	112 Diesel mmbtu, budget	20,413
67.1	Na Pua Makani Wind	0.00	113 Diesel Cost, ¢/mmbtu	2,575.91
67.2	Milliani I Solar	0.00	114 Diesel ECRC Fossil Cost	\$525,825
67.3	Waiawa Solar	0.00	115 Diesel Base ECRC Recovery Target	\$546,131
67.4	Unused	0.00	116 Diesel differential	-\$20,306
67.5	Unused	0.00	117 Total Fossil	-\$6,967,696
67.6	Unused	0.00	118 2% of above	-\$139,354
68	PURCHASED ENERGY KWH MIX - FOSSIL - %	0.21	118A Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$2,500,000
69	PAR Hawaii - On Peak	0.15	118B Maximum Annual Cap (bi-directional)	\$2,500,000
70	PAR Hawaii - Off Peak	0.05	118C Applicable Monthly Fossil Fuel Cost Risk Sharing	\$0
71	IES Downstream	57.39	118D Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	-\$2,500,000
72	Kalaeloa		119 Fossil Cost Risk Sharing before taxes	\$0
73	Unused		120 Revenue Tax Adjustment	1,097,514
73a	Subtotal Fossil %	57.79	121 Fossil Cost Risk Sharing w/revenue tax	\$0
74	PURCHASED ENERGY KWH MIX - RENEWABLE - %	7.50	122 Forecasted Month MWh Sales	523,852
75	HRRV - On Peak	3.09	123 Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0000
76	HRRV - Off Peak	0.00		
77	HRRV - On Peak (excess)	2.15		
78	HRRV - Off Peak (excess)	5.98		
79	Kawailoa Wind	3.18		
80	Kahuku Wind	1.89		
81	Waianae Solar PV	0.57		
82	As Available I	2.24		
83	FIT	0.00		
84	CBRE PV	2.84		
85	Kawailoa PV	0.87		
86	Lanikuhana PV	2.72		
87	Waipio PV	4.47		
87.1	Na Pua Makani Wind	2.44		
87.2	Milliani I Solar	2.26		
87.3	Waiawa Solar	0.00		
87.4	Unused	0.00		
87.5	Unused	0.00		
87.6	Unused	0.00		
87a	Subtotal Renewable %	42.21		
87b	Total Purchased Energy %	100.00		
87c	Composite Cost of Purchased Energy, Fossil	19.45		
87d	Composite Cost of Purchased Energy, Renewable	16.18		
88	COMPOSITE COST OF PURCHASED ENERGY, ¢/KWH	18.069		
89	% Input to System kWh Mix	45.02		
90	WTD CMP PURCH ENRGY COST, ¢/KWH (lines 88 x 89)	8.13466		
91	2017 TY Loss Factor	1.0490		
92	WTD CMP PURCH ENRGY COST, ¢/KWH (lines 90 x 91)	8.53326		
93	BASE PURCHASED ENERGY COMPOSITE COST, ¢/KWH	0.000		
94	Base % Input to System kWh Mix	0.0000		
95	WEIGHTED BASE PURCHASED ENERGY COST, ¢/KWH SALES (lines 93 x 94)	0.00000		
96	2017 TY Loss Factor	1.049		
97	WTD CMP PURCH ENRGY COST, ¢/KWH sales (lines 95 x 96)	0.00000		
98	Cost Less Base (Line 92 - 97)	8.53326		
99	Revenue Tax Adjustment (1 / (1-0.08885))	1.097514		
100	PURCHASED ENERGY FACTOR, ¢/KWH (lines 98 x 99)	9.36537		
			<b>Derivation of Non-Adjustable Component:</b>	
			80A Fuel Handling Exp, \$000	\$7,604.5
			Final Settlement, HECO-603, p1	
			80B Revenue Tax Adjustment	1,097,514
			80C Non-Adj Revenues, \$000	\$8,346.0
			80D 2017 TY Sales, MWh	6,660,200
			HECO-301, p1	
			80E Non-Adj Revenues, ¢/kWh	0.12531
			<b>Line SYSTEM COMPOSITE</b>	
			124 GEN AND PURCHASED ENERGY FACTOR, ¢/kWh (lines 47 + 100)	23.7320
			125 (Future Use) Adjustment, ¢/kWh	0.0000
			126 ECR Reconciliation Adjustment	0.2700
			127 Non-Adjustable Component (line 80E)	0.1253
			128 Fossil Fuel Cost Risk Sharing Component (line 123)	0.0000
			129 Monthly Energy Cost Recovery Factor (lines 124 + 125 + 126 + 127 + 128)	24.127

**Hawaiian Electric Company, Inc.**  
**FUEL OIL INVENTORY PRICES FOR November 1, 2023**

	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, ¢/Mbtu	2,153.43	2,153.43	2,153.43
Fuel Additive, ¢/Mbtu	-	1.30	1.30
Honolulu Trucking Cost, ¢/Mbtu	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, ¢/Mbtu	2,153.43	2,154.73	2,154.73
	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, ¢/Mbtu	2,129.10	-	2,318.39
Thruput Charges, ¢/Mbtu	-	-	0
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	2,129.10	-	2,318.39
	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>	
Average Diesel / Biodiesel Oil, ¢/Mbtu	2,591.54	3,579.92	
Thruput Charges, ¢/Mbtu	-	-	
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	2,591.54	3,579.92	
	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, \$/bbl	135.98	135.98	135.98
Fuel Additive, \$/bbl	-	0.08	0.08
Honolulu Trucking Cost, \$/bbl	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, \$/bbl	135.98	136.06	136.06
	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, \$/bbl	122.71	-	133.88
Thruput Charges, ¢/Mbtu	-	-	-
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	122.71	-	133.88
	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>	
Average Diesel / Biodiesel Oil, \$/bbl	148.50	191.01	
Thruput Charges, ¢/Mbtu	-	-	
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	148.50	191.01	
Distributed Generation Fuel Prices Used for Filing, ¢/kWh			30.680

FOAC November 1, 2023

<b><u>LSFO</u></b>	<b>BARRELS</b>	<b>MBTU</b>	<b>AMOUNT</b>	<b>AVE \$/MBTU</b>
Per FOAC run	725,104	4,578,726	98,599,874	21.534345
Additional	-	-	-	-
Forecast Amt	725,104	4,578,726	98,599,874	21.534345
	-	6.20	-	ADD'L BBL
	4,578,726	725,104	6.3146	MBTU / BBL
	98,599,874	725,104	135.98	DOLLARS / BBL
<b><u>WAI AU DIESEL</u></b>	27,066	156,000	3,321,396	21.291030
	3,321,396	27,066	122.71	DOLLARS / BBL
<b><u>CIP BIODIESEL</u></b>	-	-	-	-
	-	-	-	DOLLARS / BBL
<b><u>CIP DIESEL</u></b>	39,006	225,253	5,222,248	23.183885
	5,222,248	39,006	133.88	DOLLARS / BBL
<b><u>SGS ULSD</u></b>	1,544	8,847	229,277	25.915388
	229,276.55	1,544	148.50	DOLLARS / BBL
<b><u>SGS BIODIESEL</u></b>	2,970	15,848	567,359	35.79921316
	567,359	2,970	191.01	DOLLARS / BBL
<b>FUEL ADDITIVE</b>				0.013019
Additional				
Forecast Amt	-	-	-	0.013019
\$ / BBL =	-	-	0.08	DOLLARS / BBL
<b>HONOLULU TRUCKING COST</b>				
Per FOAC run	-	-	-	-
Additional				
Forecast Amt	-	-	-	-
\$ / BBL =	-	-	-	DOLLARS / BBL

HAWAIIAN ELECTRIC COMPANY, INC.  
 DETERMINATION OF DISTRIBUTED GENERATION EXPENSE

<u>Line No.</u>		<u>Airport DG Biodiesel</u>	<u>Schofield Biodiesel</u>	<u>Schofield ULSD</u>			
(A)	\$	30.05	\$	35.80	\$	25.92	Estimated Distributed Generation Fuel Cost (\$/MBTU)
(B)		221		20,388		19,598	Estimated MBTU Consumption
(B1)		42		3,885		3,420	Estimated fuel consumption barrels
(C) = (A) x (B)		\$6,627		\$729,857		\$507,895	Estimated Distributed Generation Fuel Cost (\$)
(D)		21,600		2,363,293		2,348,138	Estimated Distributed Generation kWh
(E) = ((C) ÷ (D)) x 100		<u>30.680</u>		<u>30.880</u>		<u>21.630</u>	¢/kWh

**Hawaiian Electric Company, Inc.**  
**ECA RECONCILIATION ADJUSTMENT**  
**November 2023**

1.	Amount to be collected	\$	3,870,700
2.	Monthly Amount (Line 1 x 1/3)	\$	1,290,233
3.	Revenue Tax Divisor		0.91115
4.	Total (Line 2 / Line 3)	\$	1,416,049
5.	Estimated MWh Sales (November 2023)		523,852
6.	ECA Reconciliation Adjustment, ¢/kWh (Line 4 ÷ Line 5)		<u><u>0.270</u></u>

**Hawaiian Electric Company, Inc.**  
**FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY**  
**September 2023**  
**(Thousand \$)**

<u>Line</u>	<u>Description</u>	<b>Info Only</b>		<b>Basis for Recon</b>	
		W/O DeadBand September 2023 Cumulative YTD Total	collectn by company*	W/ DeadBand September 2023 Cumulative YTD Total	collectn by company*
<b>ACTUAL COSTS:</b>					
1	Generation / Major Fuels	\$611,070.5		\$611,070.5	
2	Distributed Generation / Minor Fuels	\$48,351.9		\$48,351.9	
3	Purch Power	\$299,287.4		\$299,287.4	
4	<b>TOTAL</b>	<b>\$958,709.8</b>		<b>\$958,709.8</b>	
<b>FUEL FILING COST</b>					
5	Generation / Major Fuels	\$596,561.1		\$608,608.0	
6	Distributed Generation / Minor Fuels	\$48,351.9		\$48,351.9	
7	Purch Power	\$299,287.4		\$299,287.4	
8	<b>TOTAL</b>	<b>\$944,200.4</b>		<b>\$956,247.3</b>	
<b>BASE FUEL COST</b>					
9	Generation / Major Fuels	\$0.0		\$0.0	
10	Distributed Generation / Minor Fuels	\$0.0		\$0.0	
11	Purch Power	\$0.0		\$0.0	
12	<b>TOTAL</b>	<b>\$0.0</b>		<b>\$0.0</b>	
13	FUEL-BASE COST (Line 8-12)	\$944,200.4		\$956,247.3	
14	ACTUAL FOA LESS TAX	\$968,605.7		\$968,605.7	
15	Less: FOA reconciliation adj for prior year	\$13,738.2		\$13,738.2	
15A	Less: Non-Adjustable Component Revenues Less Tax	\$5,176.8		\$5,176.8	
16	<b>ADJUSTED FOA LESS TAX</b>	<b>\$949,690.7</b>		<b>\$949,690.7</b>	
17	FOA-(FUEL-BASE) (Line 16-13)	\$5,490.4	over	-\$6,556.5	under
<b>ADJUSTMENTS:</b>					
18	Current year FOA accrual reversal	-\$23,978.4		-\$23,978.4	
19	Other prior year FOA	\$0.0		\$0.0	
20	Other	\$0.0		\$0.0	
21	QUARTERLY FOA RECONCILIATION (Line 17+18+19+20)	-\$18,488.0	under	-\$30,534.9	under
21A	YTD Fossil Fuel Cost Risk Sharing Adjustment	-\$2,270.0		-\$2,270.0	
21B	QUARTERLY FOA RECON w/Fossil Risk Adj (Line 21+Line 21A)	-\$20,758.1		-\$32,804.9	
22	2nd Quarter Reconciliation YTD			-\$28,934.2	under
23	Amount to be collected			-\$3,870.7	under

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

**Hawaiian Electric Company, Inc.**  
**DEADBAND CALCULATION**  
**2023**

FOR PERIOD: JANUARY 1, 2023 TO SEPTEMBER 2023

	Notes	YTD
<b><u>Low Sulfur Fuel Oil (LSFO)</u></b>		
LSFO Efficiency Factor, BTU/kWh*	f	11,142
LSFO Deadband Definition, +/- BTU/kWh	d	225
LSFO Portion of Recorded Sales, kWh	a	2,692,104,189
LSFO Consumption (Recorded), MMBTU	b	30,740,130
LSFO Efficiency Factor (Recorded), BTU/kWh	c = (b/a)*1000	11,419
Lower limit of LSFO Deadband, BTU/kWh	e = f-d	10,917
Higher limit of LSFO Deadband, BTU/kWh	g = f+d	11,367
LSFO Efficiency Factor for cost-recovery, BTU/kWh	h = c, e or g	11,367
Recorded BTU/kWh vs. Deadband		Worse

\* YTD Efficiency Factor is actual YTD & projected to the end of the year weighted by calendar days in the year

**HAWAIIAN ELECTRIC COMPANY, INC.**  
**FUEL FILING COST AND BASE FUEL COST, MAJOR FUELS, WITHOUT and WITH DEADBAND**  
**September 2023 Year-to-Date**

	<b>Without Deadband</b>	<b>With Deadband AS FILED</b>
<u>FUEL FILING COST, MAJOR FUELS</u>	<u>Jan 1-Sep 30</u>	<u>Jan 1-Sep 30</u>
LSFO Portion of Recorded Sales , KWH	2,692,104,189	2,692,104,189
LSFO Sales Efficiency Factor (mmbtu/kwh)	0.011142	0.011367
Mmbtu adjusted for Sales Efficiency Factor	29,995,425	30,601,148
\$/mmbtu	<u>\$19.8884</u>	<u>\$19.8884</u>
TOTAL LSFO \$ TO BE RECOVERED	\$596,561,143	\$608,608,016
TOTAL MAJOR FUEL FILING COST \$	\$596,561,143	\$608,608,016
<u>BASE FUEL COST, MAJOR FUELS</u>		
TOTAL BASE FUEL COST	\$0	\$0
TOTAL FUEL FILING COST, MAJOR FUELS \$ YTD	\$596,561,143	\$608,608,016
TOTAL BASE FUEL COST, MAJOR FUELS YTD	\$0	\$0

Hawaiian Electric Company, Inc.  
 Fuel Oil Adjustment Reconciliation

**Fossil Fuel Cost Risk Sharing Mechanism and Non-Adjustable Component, September 2023**

<b>LSFO Fossil Fuel Cost Risk Sharing</b>		Jan-23, Baseline	YTD
A	MMBtu	3,645,940 mmbtu	30,740,130 mmbtu
B	\$ cost, actuals	\$86,777,272	\$611,070,482
C = B / A (Jan Column)	Jan 2023 baseline \$/MMBtu	23.801071	23.801071
D	LSFO Gen kWh		2,820,975,850
E	Total kWh, Gen, Purch Pwr, DG		4,750,824,099
F	Sales kWh		4,534,003,587
G = (D / E) x F	LSFO kWh-sales		2,692,230,728
H	Target Heat Rate		11,142
I	Recovery heat rate		11,367
J = B/A (YTD Column)	Actual Cost \$/MMBtu		19.878591
K = C x H x G / 1,000,000	Base Cost Recovery w/Target Heat Rate		\$713,956,795
L = I x J x G / 1,000,000	Fuel Filing Cost Recovery		\$608,336,317
M = 2% x (L-K)	<b>LSFO Cost Risk Sharing</b>		<b>-\$2,112,410</b>
<b>Diesel Fossil Fuel Cost Risk Sharing (w/o target heat rate)</b>			
AA	MMBtu	269,088 mmbtu	1,989,223 mmbtu
BB	Fuel Filing Cost Recovery (no heat rate)	\$7,199,136	\$45,338,711
CC = BB/AA (Jan Column)	Jan 2023 baseline \$/MMBtu	26.753856	26.753856
DD = AA x CC	Base Cost Recovery		\$53,219,391
EE = (BB - DD) x 2%	<b>Diesel Cost Risk Sharing</b>		<b>-\$157,614</b>
FF = M + EE, up to ±\$2.5MM	<b>Total Fossil Fuel Cost Risk Sharing Adjustment, subject to ±\$2.5MM cap</b>		<b>-\$2,270,023</b>
<b>Non-Adjustable Component</b>			
AAA = F	YTD kWh		4,534,003,587
BBB	Non-Adjustable Component, c/kWh		0.12531
CCC = AAA x BBB	Non-Adjustable Component Revenues w/tax		\$5,681,560
DDD = CCC / (1/(1-.08885))	Non-Adjustable Component Revenues less tax		<b>\$5,176,753</b>

**HAWAIIAN ELECTRIC COMPANY, INC.**  
**2023 Cumulative Reconciliation Balance**

	(1)		(2)	(3)	(4)	(5)	(6)
Month	YTD FOA Reconciliation	Qtr	FOA Rec Variance	FOA Rec Less Variance	Try to Collect	Actual Collect	Month-end Cumulative Balance
November 20	(3,466,900)	(3)	299,537	(3,766,437)	1,155,633	1,229,016	(2,275,255)
December					1,155,633	1,216,131	(1,059,124)
January 21					1,155,633	1,133,735	74,611
February	(1,005,100)	(4)	96,503	(1,101,603)	335,033	303,760	(723,232)
March					335,033	337,351	(385,881)
April					335,033	321,756	(64,125)
May	(5,736,000)	(1)	(50,854)	(5,685,146)	1,912,000	1,943,306	(3,805,965)
June					1,912,000	1,887,196	(1,918,769)
July					1,912,000	1,943,799	25,030
August	3,218,800	(2)	(6,775)	3,225,575	(1,072,933)	(1,069,958)	2,180,647
September					(1,072,933)	(1,036,068)	1,144,579
October					(1,072,933)	(1,070,373)	74,206
November	(6,273,400)	(3)	71,640	(6,345,040)	2,091,133	2,119,403	(4,151,431)
December					2,091,133	2,149,738	(2,001,693)
January 22					2,091,133	2,153,891	152,198
February	(13,004,400)	(4)	89,435	(13,093,835)	4,334,800	4,432,708	(8,508,928)
March					4,334,800	4,544,500	(3,964,428)
April					4,334,800	4,383,947	419,519
May	(17,597,500)	(1)	370,366	(17,967,866)	5,865,833	6,073,898	(11,474,449)
June					5,865,833	5,856,458	(5,617,991)
July					5,865,833	5,813,541	195,550
August	(7,276,200)	(2)	247,836	(7,524,036)	2,425,400	2,369,958	(4,958,528)
September					2,425,400	2,470,009	(2,488,519)
October					2,425,400	2,509,424	20,905
November	(9,873,900)	(3)	(63,125)	(9,810,775)	3,291,300	3,404,135	(6,385,735)
December					3,291,300	3,416,826	(2,968,909)
January 23					3,291,300	3,279,256	310,347
February	(10,447,000)	(4)	322,385	(10,769,385)	3,482,333	3,386,039	(7,072,999)
March					3,482,333	3,465,220	(3,607,779)
April					3,482,333	3,441,016	(166,763)
May	(14,067,100)	(1)	(125,452)	(13,941,648)	4,689,033	4,539,978	(9,568,433)
June					4,689,033	4,428,373	(5,140,060)
July					4,689,033	4,428,367	(711,693)
August	(14,867,100)	(2)	(451,033)	(14,416,067)	4,955,700	4,601,243	(10,526,517)
September					4,955,700	4,762,510	(5,764,007)
October					4,955,700		
November	(3,870,700)	(3)	(808,313)	(3,062,387)	1,290,233		

**NOTES:**

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 4)  
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))

**Hawaiian Electric Company, Inc.**  
**ENERGY COST RECOVERY FACTOR DATA**

<u>EFFECTIVE DATE</u>	ENERGY COST FACTOR CENTS / KWH		RESIDENTIAL BILL (\$)	
	<u>RESIDENTIAL &amp; COMMERCIAL</u>	<u>RESIDENTIAL BILL (\$) @ 500 KWH</u>	<u>@ 600 KWH</u>	
January 1, 2019	14.095	161.36	191.85	
February 1, 2019	12.044	147.31	175.01	
March 1, 2019	13.449	154.51	183.63	
April 1, 2019	14.338	158.42	188.34	
May 1, 2019	14.721	163.56	194.50	
June 1, 2019	15.199	163.47	194.39	
July 1, 2019	14.545	160.95	191.42	
August 1, 2019	14.297	160.45	190.82	
September 1, 2019	13.240	155.11	184.42	
October 1, 2019	12.951	153.64	182.65	
November 1, 2019	12.778	150.18	178.51	
December 1, 2019	12.409	148.41	176.37	
January 1, 2020	13.629	155.97	185.42	
February 1, 2020	14.648	161.90	192.54	
March 1, 2020	14.349	160.64	191.02	
April 1, 2020	13.071	153.83	182.86	
May 1, 2020	11.735	148.21	176.12	
June 1, 2020	10.875	142.16	168.84	
July 1, 2020	10.128	137.84	163.68	
August 1, 2020	9.274	133.06	157.94	
September 1, 2020	10.220	137.57	163.36	
October 1, 2020	10.589	139.36	165.49	
November 1, 2020	10.850	138.03	163.91	
December 1, 2020	10.624	136.57	162.15	
January 1, 2021	11.355	140.57	166.94	
February 1, 2021	11.812	145.00	172.25	
March 1, 2021	12.304	147.49	175.24	
April 1, 2021	11.919	145.53	172.89	
May 1, 2021	13.135	152.07	180.74	
June 1, 2021	13.711	157.85	187.70	
July 1, 2021	15.014	164.69	195.91	
August 1, 2021	14.076	162.12	192.82	
September 1, 2021	14.227	162.82	193.65	
October 1, 2021	14.327	163.32	194.25	
November 1, 2021	15.767	166.60	198.20	
December 1, 2021	16.061	167.92	199.78	
January 1, 2022	16.480	173.80	206.83	
February 1, 2022	17.752	180.80	215.21	
March 1, 2022	18.629	184.44	219.58	
April 1, 2022	20.489	194.70	231.88	
May 1, 2022	23.241	208.73	248.73	
June 1, 2022	24.081	212.86	253.68	
July 1, 2022	25.791	221.66	264.25	
August 1, 2022	26.477	228.13	272.05	
September 1, 2022	29.852	236.79	282.45	
October 1, 2022	29.205	233.52	278.51	
November 1, 2022	28.468	226.98	270.65	
December 1, 2022	28.053	224.90	268.16	
January 1, 2023	27.262	222.63	265.42	
February 1, 2023	25.953	219.26	261.37	
March 1, 2023	24.781	213.48	254.44	
April 1, 2023	23.208	205.58	244.97	
May 1, 2023	22.476	202.19	240.90	
June 1, 2023	21.437	199.52	237.39	
July 1, 2023	20.594	195.82	232.95	
August 1, 2023	21.044	200.44	238.50	
September 1, 2023	22.378	207.12	246.54	
October 1, 2023	23.920	214.85	255.81	
November 1, 2023	24.127	213.12	253.70	

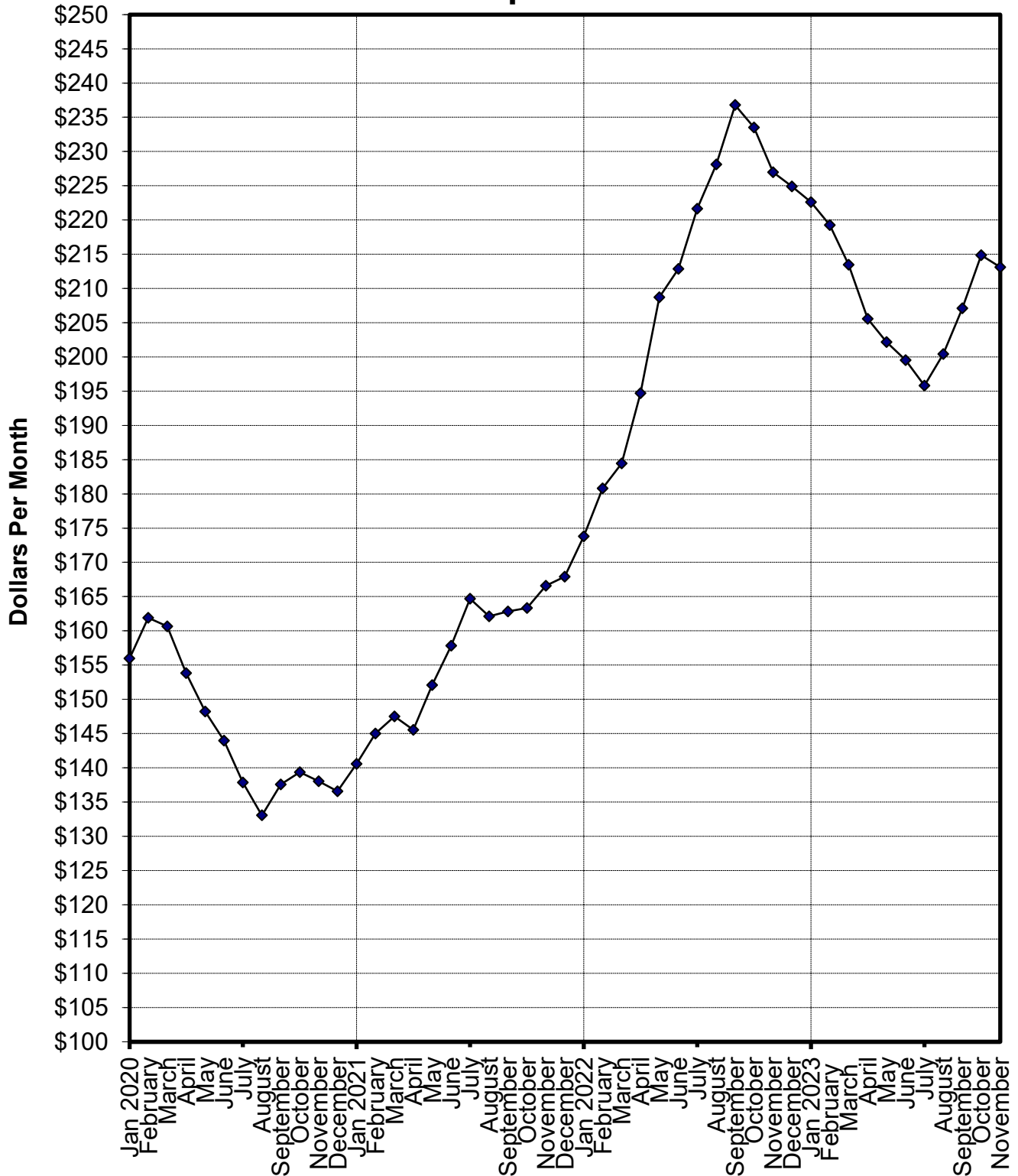
**Hawaiian Electric Company, Inc.  
RESIDENTIAL SURCHARGE DATA**

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
<b>9/1/2018</b>	<b>FINAL RATE INCREASE (TY2017) -0.039% EFFECTIVE 09/01/18, DOCKET NO. 2016-0328</b>	
5/1/2021-3/31/2022	SOLAR SAVER ADJUSTMENT	0.0000 CENTS/KWH
5/1/2021-7/31/2021	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0008 CENTS/KWH
5/1/2021-7/31/2021	RESIDENTIAL DSM ADJUSTMENT	-0.0233 CENTS/KWH
6/1/2021-6/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.5442 CENTS/KWH
6/1/2021-12/31/2021	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.1469 CENTS/KWH
7/1/2021-7/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.5615 CENTS/KWH
7/1/2021-12/31/2021	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
7/1/2021-6/30/2022	RESID. PBF SURCHARGE ADJUSTMENT	0.6478 CENTS/KWH
8/1/2021-8/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.7556 CENTS/KWH
8/1/2021-10/31/2021	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0020 CENTS/KWH
8/1/2021-10/31/2021	RESIDENTIAL DSM ADJUSTMENT	0.2201 CENTS/KWH
8/1/2021-7/31/2022	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0158 CENTS/KWH
9/1/2021-9/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.7433 CENTS/KWH
10/1/2021-10/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.7430 CENTS/KWH
11/1/2021-1/31/2022	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0094 CENTS/KWH
11/1/2021-1/31/2022	RESIDENTIAL DSM ADJUSTMENT	-0.0370 CENTS/KWH
11/1/2021-11/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.2269 CENTS/KWH
12/1/2021-12/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	2.1952 CENTS/KWH
1/1/2022-1/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1382 CENTS/KWH
1/1/2022-6/30/2022	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
1/1/2022-5/31/2022	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9505 CENTS/KWH
2/1/2022-2/28/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1172 CENTS/KWH
2/1/2022-4/30/2022	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0089 CENTS/KWH
2/1/2022-4/30/2022	RESIDENTIAL DSM ADJUSTMENT	0.1082 CENTS/KWH
3/1/2022-3/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	1.9689 CENTS/KWH
4/1/2022-4/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.1650 CENTS/KWH
4/1/2022-4/30/2022	SOLAR SAVER ADJUSTMENT	-0.0064 CENTS/KWH
5/1/2022-7/31/2022	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0045 CENTS/KWH
5/1/2022-7/31/2022	RESIDENTIAL DSM ADJUSTMENT	-0.2047 CENTS/KWH
5/1/2022-5/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.5226 CENTS/KWH
<b>5/1/2022</b>	<b>SOLAR SAVER ADJUSTMENT</b>	<b>0.0000 CENTS/KWH</b>
6/1/2022-6/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.5505 CENTS/KWH
6/1/2022-12/31/2022	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9085 CENTS/KWH
7/1/2022-12/31/2022	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
7/1/2022-7/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.6139 CENTS/KWH
7/1/2022-6/30/2023	RESID. PBF SURCHARGE ADJUSTMENT	0.6488 CENTS/KWH
8/1/2022-8/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.8647 CENTS/KWH
8/1/2022-10/31/2022	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0052 CENTS/KWH
8/1/2022-10/31/2022	RESIDENTIAL DSM ADJUSTMENT	0.1567 CENTS/KWH
8/1/2022-7/31/2023	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0168 CENTS/KWH
9/1/2022-9/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	1.2229 CENTS/KWH
10/1/2022-10/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	1.2139 CENTS/KWH
11/1/2022-11/30/2022	PURCHASED POWER ADJUSTMENT CLAUSE	0.8391 CENTS/KWH
11/1/2022-1/31/2023	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0075 CENTS/KWH
11/1/2022-1/31/2023	RESIDENTIAL DSM ADJUSTMENT	-0.0375 CENTS/KWH
12/1/2022-12/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	0.8385 CENTS/KWH
1/1/2023-1/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	0.8495 CENTS/KWH
1/1/2023-6/30/2023	GREEN INFRASTRUCTURE FEE	1.23 DOLLARS/MONTH
1/1/2023-5/31/2023	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	2.2241 CENTS/KWH
2/1/2023-4/30/2023	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0083 CENTS/KWH
2/1/2023-4/30/2023	RESIDENTIAL DSM ADJUSTMENT	0.0921 CENTS/KWH
2/1/2023-2/28/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.3539 CENTS/KWH
3/1/2023-3/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.3695 CENTS/KWH
4/1/2023-4/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.3647 CENTS/KWH
5/1/2023-5/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.3768 CENTS/KWH
5/1/2023-7/31/2023	RESIDENTIAL DSM ADJUSTMENT	0.1299 CENTS/KWH
5/1/2023-7/31/2023	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0049 CENTS/KWH
6/1/2023-6/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.3883 CENTS/KWH
<b>6/1/2023</b>	<b>REVENUE BALANCING ACCOUNT RATE ADJUSTMENT</b>	<b>17.25% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RBA</b>
7/1/2023-7/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.4139 CENTS/KWH
<b>7/1/2023</b>	<b>GREEN INFRASTRUCTURE FEE</b>	<b>1.18 DOLLARS/MONTH</b>
<b>7/1/2023</b>	<b>RESID. PBF SURCHARGE ADJUSTMENT</b>	<b>0.7195 CENTS/KWH</b>
8/1/2023-10/31/2023	RESIDENTIAL DSM ADJUSTMENT	0.2551 CENTS/KWH
8/1/2023-10/31/2023	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0055 CENTS/KWH
8/1/2023-8/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.6938 CENTS/KWH
<b>8/1/2023</b>	<b>RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION</b>	<b>0.0163 CENTS/KWH</b>
9/1/2023-9/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.6966 CENTS/KWH
10/1/2023-10/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.7000 CENTS/KWH
<b>11/1/2023</b>	<b>PURCHASED POWER ADJUSTMENT CLAUSE</b>	<b>1.2157 CENTS/KWH</b>
<b>11/1/2023</b>	<b>RESIDENTIAL DSM ADJUSTMENT</b>	<b>0.2734 CENTS/KWH</b>
<b>11/1/2023</b>	<b>RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)</b>	<b>-0.0146 CENTS/KWH</b>

~ Surcharges currently in effect are in bold.

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

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



**Hawaiian Electric Company, Inc.**  
**CALCULATIONS OF THE AVERAGE RESIDENTIAL CUSTOMER BILL**

	Rate		Charge (\$) at 500 kWh		
	10/1/2023	11/1/2023	10/1/2023	11/1/2023	Difference
<b>Base Rates</b>	effective date:	01/01/19	01/01/19		
Base Fuel/Energy Charge	¢/kWh	-	-	0.00	0.00
Non-fuel Fuel Energy Charge					
First 350 kWhr per month	¢/kWh	10.6812	10.6812	37.38	37.38
Next 850 kWhr per month	¢/kWh	11.8347	11.8347	17.75	17.75
Customer Charge	\$	11.50	11.50	11.50	11.50
<b>Total Base Charges</b>				66.63	66.63
<b>Purchase Power Adjustment</b>	¢/kWh	1.7000	1.2157	8.50	6.08
<b>RBA Rate Adjustment</b>	% except ECRC	17.25%	17.25%	14.01	13.61
<b>DSM Adjustment</b>	¢/kWh	0.2551	0.2734	1.28	1.37
<b>Demand Response Adjustment Clause</b>	¢/kWh	-0.0055	-0.0146	-0.03	-0.07
<b>Interim Rate Increase (TY 2017)</b>	% on base	0.000%	0.000%	0.00	0.00
<b>Refund of 2011 Interim</b>	% on base	0.000%	0.000%	0.00	0.00
<b>PBF Surcharge</b>	¢/kWh	0.7195	0.7195	3.60	3.60
<b>Renewable Energy Infrastructure Cost Recovery Provision</b>	¢/kWh	0.0163	0.0163	0.08	0.08
<b>SolarSaver Adjustment</b>	¢/kWh	0.0000	0.0000	0.00	0.00
<b>Energy Cost Recovery</b>	¢/kWh	23.920	24.127	119.60	120.64
<b>Green Infrastructure Fee</b>	\$	1.18	1.18	1.18	1.18
<b>Avg Residential Bill at 500 kWh</b>				214.85	213.12

Increase / (Decrease -) -1.74  
% Change -0.81%

	Rate		Charge (\$) at 600 kWh		
	10/1/2023	11/1/2023	10/1/2023	11/1/2023	Difference
<b>Base Rates</b>	effective date:	01/01/19	01/01/19		
Base Fuel/Energy Charge	¢/kWh	-	-	0.00	0.00
Non-fuel Fuel Energy Charge					
First 350 kWhr per month	¢/kWh	10.6812	10.6812	37.38	37.38
Next 850 kWhr per month	¢/kWh	11.8347	11.8347	29.59	29.59
Customer Charge	\$	11.50	11.50	11.50	11.50
<b>Total Base Charges</b>				78.47	78.47
<b>Purchase Power Adjustment</b>	¢/kWh	1.7000	1.2157	10.20	7.29
<b>RBA Rate Adjustment</b>	% except ECRC	17.25%	17.25%	16.52	16.03
<b>DSM Adjustment</b>	¢/kWh	0.2551	0.2734	1.53	1.64
<b>Demand Response Adjustment Clause</b>	¢/kWh	-0.0055	-0.0146	-0.03	-0.09
<b>Interim Rate Increase (TY 2017)</b>	% on base	0.000%	0.000%	0.00	0.00
<b>Refund of 2011 Interim</b>	% on base	0.000%	0.000%	0.00	0.00
<b>PBF Surcharge</b>	¢/kWh	0.7195	0.7195	4.32	4.32
<b>Renewable Energy Infrastructure Cost Recovery Provision</b>	¢/kWh	0.0163	0.0163	0.10	0.10
<b>SolarSaver Adjustment</b>	¢/kWh	0.0000	0.0000	0.00	0.00
<b>Energy Cost Recovery</b>	¢/kWh	23.920	24.127	143.52	144.76
<b>Green Infrastructure Fee</b>	\$	1.18	1.18	1.18	1.18
<b>Avg Residential Bill at 600 kWh</b>				255.81	253.70

Increase / (Decrease -) -2.11  
% Change -0.83%

Note: Effective June 1, 2023, the RBA Rate Adjustment is billed based on the total billed amount before the RBA rate adjustment excluding the Energy Cost Recovery.

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**From:** noreply@salesforce.com on behalf of PUC CDMS <hpuc@notify.hawaii.gov>  
**Sent:** Friday, October 27, 2023 9:31 AM  
**To:** Oya, Tyler  
**Subject:** Hawaii PUC CDMS eSERVICES - E-Filing F-296577 FILED Confirmation

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## E-Filing Filed Confirmation

Aloha Tyler Oya,

Your electronic filing to the Hawaii Public Utilities Commission has been **FILED**. You will receive an email when the filing is public.

*Please note that filings submitted after 4:30 p.m. Hawaii Standard Time will be deemed "FILED" the next business day. The mere fact of filing shall not waive any failure to comply with Hawaii Administrative Rules Chapter 6-61, Rules of Practice and Procedure Before the Public Utilities Commission, or any other application requirements.*

**E-Filing Confirmation Number:** F-296577  
**Account:** Hawaiian Electric Company, Inc.  
**Date and Time Submitted:** 10/27/2023, 9:30 AM  
**Case or Docket Reference Number:** PC-182843  
**Case or Docket Number (if applicable):** Pending  
**Filing Category/Type:** Reports / Energy Cost Adjustment Factors

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

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