



November 26, 2024

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 December 2024

Hawaiian Electric Company, Inc.'s ("Hawaiian Electric" or "Company") December 2024 Energy Cost Recovery Factor is 19.174 cents per kilowatt-hour ("kWh"), an increase of 0.183 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will pay \$197.44, an increase of \$0.90 compared to rates effective November 1, 2024. The increase in the residential typical bill is due to an increase in the Energy Cost Recovery Factor (+\$0.91), which is partially offset by a decrease in the Purchase Power Adjustment Clause rate (-\$0.01).

The December 2024 ECRC rates for Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -2.5133 cents/kWh in the Daytime 9 a.m. to 5 p.m. period, -5.0266 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -7.5399 cents/kWh in the Evening Peak 5 p.m. to 9 p.m. period, as shown in Attachments 1 and 2.

The Company's fuel composite cost of major energy increased 21.51 cents per million BTU to 1,588.89 cents per million BTU. The composite cost of minor energy increased 1.632 cents per kWh to 13.536 cents per kWh. The composite cost of purchased energy decreased 0.094 cents per kWh to 15.054 cents per kWh.

The attached sheets set forth the energy cost recovery factor in cents per kWh for each rate schedule that applies for pro rata use beginning December 1, 2024.

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>11/01/24</u>	<u>12/01/24</u>	
Composite Cost Of Major Energy, ¢/mmbtu	1,567.38	1,588.89	21.51
Composite Cost Of Minor Energy, ¢/kwh	11.903	13.536	1.632
Composite Cost Of Purchased Energy, ¢/kWh	15.148	15.054	(0.094)
 <u>Residential, Schedule "R"</u>			
Energy Cost Recovery, ¢/kWh	18.991	19.174	0.183
 <u>Others, Schedules "G,J,DS,P,F"</u>			
Energy Cost Recovery, ¢/kWh	18.991	19.174	0.183
 <u>Residential Customer with:</u>			
500 kWh Consumption, \$/bill	196.54	197.44	0.90
600 kWh Consumption, \$/bill	233.73	234.81	1.08
 <u>Schedules ARD TOU R, ARD TOU G, ARD TOU J</u>			
Daytime (9a-5p) Energy Cost Recovery, ¢/kWh	(2.6102)	(2.5133)	0.0969
Overnight (9p-9a) Energy Cost Recovery, ¢/kWh	(5.2204)	(5.0266)	0.1938
Evening Peak (5p-9p) Energy Cost Recovery, ¢/kWh	(7.8306)	(7.5399)	0.2907

Supersedes Sheet Effective:

November 1, 2024

Hawaiian Electric Company, Inc.
ENERGY COST RECOVERY FILING

ENERGY COST RECOVERY (ECR) FILING - December 1, 2024 (page 1 of 2)

Line		
1	Effective Date	- December 1, 2024
2	Supersedes Factor	- November 1, 2024

GENERATION COMPONENT

MAJOR ENERGY COMPONENT				MINOR ENERGY COMPONENT			
				Fuel Type	Gen Cost \$/KWH	Percent of Minor Energy	Weighted Gen Cost \$/KWH
3	Honolulu		0.00	32a Airport DG	30.38	0.46%	0.1389
4	Kahe		1,588.89	32b CIP-Biodiesel	0.00	0.00%	0.0000
5	Waiau-Steam		1,588.89	32c CT-1 (CIP) ULSD	0.00	0.00%	0.0000
6	(Future Use)		0.00	32d SGS - Biodiesel	25.51	34.21%	8.7260
7	(Future Use)		0.00	32e SGS - ULSD	15.45	18.18%	2.8084
8	(Future Use)		0.00	32f Waiau-Diesel	26.38	7.06%	1.8623
9	Other		0.00	32g West Loch PV	0.00	40.10%	0.0000
BTU MIX, %				32h COMPOSITE COST OF MINOR ENERGY, \$/kWh			
10	Honolulu		0.00	33 % Input to System kWh Mix			13.536
11	Kahe		79.25				1.32
12	Waiau-Steam		20.75	34 WTD COMP MINOR ENERGY COST, \$/kWh (Lines 32h x 33)			0.17867
13	(Future Use)		0.00	35 2017 TY Loss Factor			1.0490
14	(Future Use)		0.00	36 WTD COMP MINOR ENERGY COST, \$/kWh (Line 34 x 35)			0.18742
15	(Future Use)		0.00	37 BASE MINOR ENERGY COMP COST			0.0000
16	Other		0.00	38 Base % Input to System kWh Mix			0.0000
17	COMPOSITE COST OF GENERATION, MAJOR ENERGY \$/mmbtu		1,588.89	39 WTD BASE MINOR ENERGY COST, \$/kWh (Line 37 x 38)			0.00000
18	% Input to system kWh Mix		54.66	40 2017 TY Loss Factor			1.0490
EFFICIENCY FACTOR, mmbtu/kWh				41 WTD COMP MINOR ENERGY COST, \$/kWh (Line 39 x 40)			
(A)				(B)			
(C)				(D)			
Percent of Centr Stn + Other				Weighted Eff Factor			
19	LSFO	Eff Factor mmbtu/kWh	0.011142	42 Cost Less Base (Line 36 - 41)			0.187425
20	(Future Use)	0.000000	0.00	43 Revenue Tax Adjustment (1 / (1-0.08885))			1.097514
21	(Future Use)	0.000000	0.00	44 MINOR ENERGY FACTOR, \$/kWh (Line 42 x 43)			0.20570
22	Other	0.011142	0.00				
(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)		9.67669				
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)		9.67669				
30	Revenue Tax Adjustment (1 / (1-0.08885))		1.097514				
31	MAJOR ENERGY GENERATION FACTOR, \$/KWH (Line 29 x 30)		10.62030				

SUMMARY OF TOTAL GENERATION FACTOR, \$/kWh		
45 MAJOR ENERGY (line 31)		10.62030
46 MINOR ENERGY (line 44)	-	0.20570
47 TOTAL GENERATION FACTOR, \$/KWH (lines 45 + 46)	-	10.82600

ENERGY COST RECOVERY (ECR) FILING - December 1, 2024 (page 2 of 2)

Line	Effective Date	- December 1, 2024
2	Supersedes Factor	- November 1, 2024

Line	PURCHASED ENERGY COMPONENT		Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
	PURCHASED ENERGY PRICE - FOSSIL - ¢/KWH			
48	PAR Hawaii	- On Peak	16.647	
49	PAR Hawaii	- Off Peak	17.892	101 LSFO \$, baseline month \$71,623,697
50	IES Downstream		0.000	102 LSFO mmbtu, baseline 3,579,080
51	Kalaeloa		15.208	103 Baseline LSFO, ¢/mmbtu 2001.18
52	Unused			
53				
	PURCHASED ENERGY PRICE - RENEWABLE - ¢/KWH			
54	HRRV	- On Peak	20.98	104 Diesel \$, baseline month \$12,781,955
55		- Off Peak	20.38	105 Diesel mmbtu, baseline 575,846
56	HRRV	- On Peak (excess)	13.36	106 Baseline Diesel, ¢/mmbtu 2,219.68
57		- Off Peak (excess)	8.02	
58	Kawailoa Wind		24.13	107 LSFO mmbtu, budget 3,127,602
59	Kahuku Wind		22.63	108 LSFO Cost, ¢/mmbtu 1,588.89
60	Waianae Solar PV		14.50	109 LSFO ECRC Fossil Cost \$49,694,150
61	As Available I		24.37	110 LSFO Base ECRC Recovery Target \$62,588,814
62	FIT		23.76	111 LSFO differential -\$12,894,664
63	CBRE PV		15.00	
64	Kawailoa PV		12.73	112 Diesel mmbtu, budget 19,414
65	Lanikuhana PV		13.05	113 Diesel Cost, ¢/mmbtu 1,878.76
66	Waipio PV		12.18	114 Diesel ECRC Fossil Cost \$364,739
67	Na Pua Makani Wind		14.35	115 Diesel Base ECRC Recovery Target \$430,925
67.1	Milliani I Solar		0.00	116 Diesel differential -\$66,186
67.2	Waiawa Solar		0.00	
67.3	West Oahu Solar		0.00	117 Total Fossil -\$12,960,850
67.4	Kupono Solar		0.00	118 2% of above -\$259,217
67.5	Unused		0.00	118A Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year -\$1,251,846
67.6	Unused		0.00	118B Maximum Annual Cap (bi-directional) \$2,500,000
	PURCHASED ENERGY KWH MIX - FOSSIL - %			
68	PAR Hawaii	- On Peak	0.22	118C Applicable Monthly Fossil Fuel Cost Risk Sharing -\$259,217
69	PAR Hawaii	- Off Peak	0.16	118D Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month -\$1,511,063
70	IES Downstream		0.04	
71	Kalaeloa		57.47	119 Fossil Cost Risk Sharing before taxes -\$259,217
72	Unused			120 Revenue Tax Adjustment 1,097,514
73				121 Fossil Cost Risk Sharing w/revenue tax -\$284,494
73a	Subtotal Fossil %		57.90	122 Forecasted Month MWh Sales 517,002
	PURCHASED ENERGY KWH MIX - RENEWABLE - %			
74	HRRV	- On Peak	8.17	123 Fossil Fuel Cost Risk Sharing Component, ¢/kWh 0.0550
75		- Off Peak	3.24	
76	HRRV	- On Peak (excess)	0.00	
77		- Off Peak (excess)	2.46	
78	Kawailoa Wind		3.76	
79	Kahuku Wind		2.51	
80	Waianae Solar PV		1.87	
81	As Available I		0.56	Derivation of Non-Adjustable Component:
82	FIT		2.07	
83	CBRE PV		0.17	80A Fuel Handling Exp, \$000 \$7,604.5
84	Kawailoa PV		2.71	Final Settlement, HECO-603, p1
85	Lanikuhana PV		0.88	80B Revenue Tax Adjustment 1,097,514
86	Waipio PV		2.62	80C Non-Adj Revenues, \$000 \$8,346.0
87	Na Pua Makani Wind		3.46	80D 2017 TY Sales, MWh 6,660,200
87.1	Milliani I Solar		2.44	HECO-301, p1
87.2	Waiawa Solar		2.22	80E Non-Adj Revenues, ¢/kWh 0.12531
87.3	West Oahu Solar		0.89	
87.4	Kupono Solar		2.07	
87.5	Unused		0.00	
87.6	Unused		0.00	
87a	Subtotal Renewable %		42.10	
87b	Total Purchased Energy %		100.00	
87c	Composite Cost of Purchased Energy, Fossil		15.21	
87d	Composite Cost of Purchased Energy, Renewable		14.84	
88	COMPOSITE COST OF PURCHASED ENERGY, ¢/KWH		15.054	
89	% Input to System kWh Mix		44.02	Line SYSTEM COMPOSITE
90	WTD CMP PURCH ENRGY COST, ¢/KWH (lines 88 x 89)		6.62677	124 GEN AND PURCHASED ENERGY FACTOR, ¢/kWh (lines 47 + 100) 18.4554
91	2017 TY Loss Factor		1.0490	125 (Future Use) Adjustment, ¢/kWh 0.0000
92	WTD CMP PURCH ENRGY COST, ¢/KWH (lines 90 x 91)		6.95148	126 ECR Reconciliation Adjustment 0.5380
93	BASE PURCHASED ENERGY COMPOSITE COST, ¢/KWH		0.000	127 Non-Adjustable Component (line 80E) 0.1253
94	Base % Input to System kWh Mix		0.0000	128 Fossil Fuel Cost Risk Sharing Component (line 123) 0.0550
95	WEIGHTED BASE PURCHASED ENERGY COST, ¢/KWH SALES (lines 93 x 94)		0.00000	129 Monthly Energy Cost Recovery Factor (lines 124 + 125 + 126 + 127 + 128) 19.174
96	2017 TY Loss Factor		1.049	
97	WTD CMP PURCH ENRGY COST, ¢/KWH sales (lines 95 x 96)		0.00000	130 Baseline ECRC Component 23.920
98	Cost Less Base (Line 92 - 97)		6.95148	131 Monthly Energy Cost Recovery Factor Less Baseline ECRC Component (Line 129 - Line 130) (4.746)
99	Revenue Tax Adjustment (1 / (1-0.08885))		1.097514	132 Daytime System Load 31.983%
100	PURCHASED ENERGY FACTOR, ¢/KWH (lines 98 x 99)		7.62935	133 Overnight System Load 47.197%
				134 Evening Peak System Load 20.820%
				135 Daytime Time-of-Use Monthly Energy Cost Recovery Factor (2.5133)
				136 Overnight Time-of-Use Monthly Energy Cost Recovery Factor (Line 135 x 2) (5.0266)
				137 Evening Peak Time-of-Use Monthly Energy Cost Recovery Factor (Line 135 x 3) (7.5399)
				138 Composite (Line 132 x Line 135 + Line 133 x Line 136 + Line 134 x Line 137) (4.746)

Hawaiian Electric Company, Inc.
FUEL OIL INVENTORY PRICES FOR December 1, 2024

	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, ¢/Mbtu	1,587.59	1,587.59	1,587.59
Fuel Additive, ¢/Mbtu	-	1.30	1.30
Honolulu Trucking Cost, ¢/Mbtu	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, ¢/Mbtu	1,587.59	1,588.89	1,588.89

	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, ¢/Mbtu	1,908.41	-	1,959.48
Thruput Charges, ¢/Mbtu	-	-	0
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	1,908.41	-	1,959.48

	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>
Average Diesel / Biodiesel Oil, ¢/Mbtu	1,850.58	3,043.75
Thruput Charges, ¢/Mbtu	-	-
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	1,850.58	3,043.75

	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, \$/bbl	99.92	99.92	99.92
Fuel Additive, \$/bbl	-	0.08	0.08
Honolulu Trucking Cost, \$/bbl	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, \$/bbl	99.92	100.00	100.00

	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, \$/bbl	110.04	-	111.37
Thruput Charges, ¢/Mbtu	-	-	-
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	110.04	-	111.37

	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>
Average Diesel / Biodiesel Oil, \$/bbl	105.26	159.97
Thruput Charges, ¢/Mbtu	-	-
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	105.26	159.97

Distributed Generation Fuel Prices Used for Filing, ¢/kWh		30.380
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FOAC December 1, 2024

<u>LSFO</u>	BARRELS	MBTU	AMOUNT	AVE \$/MBTU
Per FOAC run	569,084	3,581,716	56,863,078	15.875933
Additional	-	-	-	-
Forecast Amt	569,084	3,581,716	56,863,078	15.875933
	-	6.20	-	ADD'L BBL
	3,581,716	569,084	6.2938	MBTU / BBL
	56,863,078	569,084	99.92	DOLLARS / BBL
<u>WAI AU DIESEL</u>	19,631	113,186	2,160,057	19.084089
	2,160,057	19,631	110.04	DOLLARS / BBL
<u>CIP BIODIESEL</u>	-	-	-	-
	-	-	-	DOLLARS / BBL
<u>CIP DIESEL</u>	67,843	385,588	7,555,507	19.594757
	7,555,507	67,843	111.37	DOLLARS / BBL
<u>SGS ULSD</u>	885	5,035	93,177	18.505822
	93,176.59	885	105.26	DOLLARS / BBL
<u>SGS BIODIESEL</u>	3,961	20,820	633,714	30.43753498
	633,714	3,961	159.97	DOLLARS / BBL
FUEL ADDITIVE				0.013019
Additional				
Forecast Amt	-	-	-	0.013019
\$ / BBL =	-	-	0.08	DOLLARS / BBL
HONOLULU TRUCKING COST				
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)	\$	29.76	\$	30.44	\$	18.51	Estimated Distributed Generation Fuel Cost (\$/MBTU)
(B)		340		20,886		11,055	Estimated MBTU Consumption
(B1)		65		3,980		1,929	Estimated fuel consumption barrels
(C) = (A) x (B)		\$10,117		\$635,712		\$204,590	Estimated Distributed Generation Fuel Cost (\$)
(D)		33,304		2,492,408		1,324,486	Estimated Distributed Generation kWh
(E) = ((C) ÷ (D)) x 100		<u>30.380</u>		<u>25.510</u>		<u>15.450</u>	¢/kWh

Hawaiian Electric Company, Inc.
ECA RECONCILIATION ADJUSTMENT
December 2024

1.	Amount to be collected	\$	7,604,600
2.	Monthly Amount (Line 1 x 1/3)	\$	2,534,867
3.	Revenue Tax Divisor		0.91115
4.	Total (Line 2 / Line 3)	\$	2,782,052
5.	Estimated MWh Sales (December 2024)		517,002
6.	ECA Reconciliation Adjustment, ¢/kWh (Line 4 ÷ Line 5)		<u><u>0.538</u></u>

HAWAIIAN ELECTRIC COMPANY, INC.
2024 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	4,880,964	(883,043)
November	(3,870,700)	(3)	(808,313)	(3,062,387)	1,290,233	1,298,165	(2,647,265)
December					1,290,233	1,309,525	(1,337,740)
January 24					1,290,233	1,245,045	(92,695)
February	(17,560,100)	(4)	(47,513)	(17,512,587)	5,853,367	5,658,172	(11,947,110)
March					5,853,367	5,529,791	(6,417,319)
April					5,853,367	5,441,672	(975,647)
May	(13,153,100)	(1)	(563,959)	(12,589,141)	4,384,367	4,208,036	(9,356,753)
June					4,384,367	4,177,093	(5,179,660)
July					4,384,367	4,065,734	(1,113,926)
August	(10,491,900)	(2)	(795,299)	(9,696,601)	3,497,300	3,259,600	(7,550,927)
September					3,497,300	3,427,171	(4,123,756)
October					3,497,300	3,406,031	(717,725)
November	(7,604,600)	(3)	(626,462)	(6,978,138)	2,534,867		
December					2,534,867		

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 & COMMERCIAL</u>		<u>@ 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
December 1, 2023	23.450		209.73	249.64
January 1, 2024	23.134		213.95	254.63
February 1, 2024	23.122		211.20	251.36
March 1, 2024	22.637		208.96	248.65
April 1, 2024	22.446		209.19	248.94
May 1, 2024	21.809		211.66	251.90
June 1, 2024	21.372		210.15	250.08
July 1, 2024	20.739		207.27	246.61
August 1, 2024	21.118		209.35	249.11
September 1, 2024	20.704		207.23	246.55
October 1, 2024	19.734		202.31	240.66
November 1, 2024	18.991		196.54	233.73
December 1, 2024	19.174		197.44	234.81

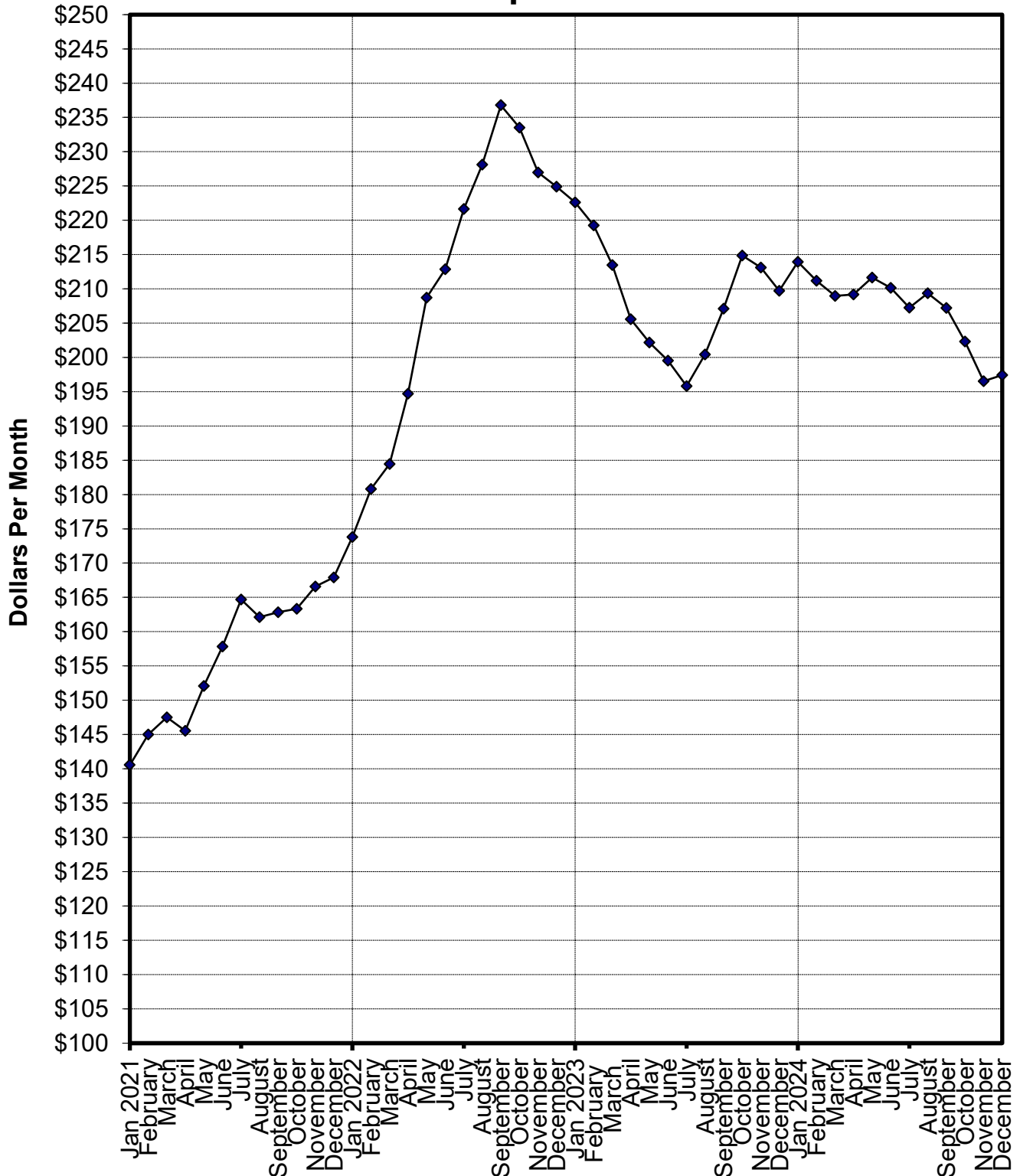
Hawaiian Electric Company, Inc.
RESIDENTIAL SURCHARGE DATA

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
9/1/2018	FINAL RATE INCREASE (TY2017) -0.039% EFFECTIVE 09/01/18, DOCKET NO. 2016-0328	
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	0.0158 CENTS/KWH
	RECOVERY PROVISION	
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
5/1/2022	SOLAR SAVER ADJUSTMENT	0.0000 CENTS/KWH
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	0.0168 CENTS/KWH
	RECOVERY PROVISION	
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
6/1/2023-12/31/2023	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	17.25% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RB*
7/1/2023-7/31/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.4139 CENTS/KWH
7/1/2023-12/31/2023	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
7/1/2023-6/30/2024	RESID. PBF SURCHARGE ADJUSTMENT	0.7195 CENTS/KWH
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
8/1/2023-7/31/2024	RENEWABLE ENERGY INFRASTRUCTURE COST	0.0163 CENTS/KWH
	RECOVERY PROVISION	
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
11/1/2023-11/30/2023	PURCHASED POWER ADJUSTMENT CLAUSE	1.2157 CENTS/KWH
11/1/2023-1/31/2024	RESIDENTIAL DSM ADJUSTMENT	0.2734 CENTS/KWH
11/1/2023-1/31/2024	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0146 CENTS/KWH
1/1/2024-5/31/2024	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	21.09% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RB*
1/1/2024-6/30/2024	GREEN INFRASTRUCTURE FEE	1.21 DOLLARS/MONTH
1/1/2024-1/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.6677 CENTS/KWH
2/1/2024-2/29/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.0645 CENTS/KWH
2/1/2024-4/30/2024	RESIDENTIAL DSM ADJUSTMENT	0.4195 CENTS/KWH
2/1/2024-4/30/2024	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	0.0005 CENTS/KWH
3/1/2024-3/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.0934 CENTS/KWH
4/1/2024-4/30/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.2892 CENTS/KWH
5/1/2024-7/31/2024	RESIDENTIAL DSM ADJUSTMENT	0.5092 CENTS/KWH
5/1/2024-7/31/2024	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0054 CENTS/KWH
5/1/2024-5/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.1393 CENTS/KWH
6/1/2024-6/30/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.1479 CENTS/KWH
6/1/2024	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	21.83% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RB
7/1/2024-7/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.1680 CENTS/KWH
7/1/2024	RESID. PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
7/1/2024	GREEN INFRASTRUCTURE FEE	1.22 DOLLARS/MONTH
8/1/2024-8/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.0448 CENTS/KWH
8/1/2024	RENEWABLE ENERGY INFRASTRUCTURE COST	0.0179 CENTS/KWH
	RECOVERY PROVISION	
8/1/2024-10/31/2024	RESIDENTIAL DSM ADJUSTMENT	0.6640 CENTS/KWH
8/1/2024-10/31/2024	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0066 CENTS/KWH
9/1/2024-9/30/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.0355 CENTS/KWH
10/1/2024-10/31/2024	PURCHASED POWER ADJUSTMENT CLAUSE	2.0245 CENTS/KWH
11/1/2024-11/30/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.8714 CENTS/KWH
11/1/2024	RESIDENTIAL DSM ADJUSTMENT	0.4790 CENTS/KWH
11/1/2024	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0073 CENTS/KWH
12/1/2024	PURCHASED POWER ADJUSTMENT CLAUSE	1.8704 CENTS/KWH

~ 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		
	11/1/2024	12/1/2024	11/1/2024	12/1/2024	Difference
Base Rates	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
Total Base Charges				66.63	66.63
Purchase Power Adjustment	¢/kWh	1.8714	1.8704	9.36	9.35
RBA Rate Adjustment	% except ECRC	21.83%	21.83%	18.20	18.20
DSM Adjustment	¢/kWh	0.4790	0.4790	2.40	2.40
Demand Response Adjustment Clause	¢/kWh	-0.0073	-0.0073	-0.04	-0.04
Interim Rate Increase (TY 2017)	% on base	0.000%	0.000%	0.00	0.00
Refund of 2011 Interim	% on base	0.000%	0.000%	0.00	0.00
PBF Surcharge	¢/kWh	0.7437	0.7437	3.72	3.72
Renewable Energy Infrastructure Cost					
Recovery Provision	¢/kWh	0.0179	0.0179	0.09	0.09
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Energy Cost Recovery	¢/kWh	18.991	19.174	94.96	95.87
Green Infrastructure Fee	\$	1.22	1.22	1.22	1.22
Avg Residential Bill at 500 kWh				196.54	197.44

Increase / (Decrease -)	0.90
% Change	0.46%

	Rate		Charge (\$) at 600 kWh		
	11/1/2024	12/1/2024	11/1/2024	12/1/2024	Difference
Base Rates	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
Total Base Charges				78.47	78.47
Purchase Power Adjustment	¢/kWh	1.8714	1.8704	11.23	11.22
RBA Rate Adjustment	% except ECRC	21.83%	21.83%	21.46	21.46
DSM Adjustment	¢/kWh	0.4790	0.4790	2.87	2.87
Demand Response Adjustment Clause	¢/kWh	-0.0073	-0.0073	-0.04	-0.04
Interim Rate Increase (TY 2017)	% on base	0.000%	0.000%	0.00	0.00
Refund of 2011 Interim	% on base	0.000%	0.000%	0.00	0.00
PBF Surcharge	¢/kWh	0.7437	0.7437	4.46	4.46
Renewable Energy Infrastructure Cost					
Recovery Provision	¢/kWh	0.0179	0.0179	0.11	0.11
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Energy Cost Recovery	¢/kWh	18.991	19.174	113.95	115.04
Green Infrastructure Fee	\$	1.22	1.22	1.22	1.22
Avg Residential Bill at 600 kWh				233.73	234.81

Increase / (Decrease -)	1.08
% Change	0.46%

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.

From: noreply@salesforce.com on behalf of PUC CDMS <hpuc@notify.hawaii.gov>
Sent: Tuesday, November 26, 2024 1:04 PM
To: Oya, Tyler
Subject: Hawaii PUC CDMS eSERVICES - E-Filing F-316678 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-316678

Account: Hawaiian Electric Company, Inc.

Date and Time Submitted: 11/26/2024, 1:04 PM

Case or Docket Reference Number:

Case or Docket Number (if applicable): Pending

Filing Category/Type: Reports / Energy Cost Adjustment Factors

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