



August 29, 2022

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

Dear Commissioners:

Subject: Hawaiian Electric Energy Cost Recovery Factor for September 2022

Hawaiian Electric Company, Inc.'s ("Hawaiian Electric" or "Company") September 2022 Energy Cost Recovery Factor is 29.852 cents per kilowatt-hour ("kWh"), an increase of 3.375 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$236.79, an increase of \$8.66 compared to rates effective August 1, 2022. The increase in the residential typical bill is due to an increase in the Energy Cost Recovery Factor (+\$16.87), which is partially offset by a decrease in the Purchase Power Adjustment Clause rate (-\$8.21).

The Company's fuel composite cost of major energy decreased 117.48 cents per million BTU to 2,735.13 cents per million BTU. The Company's composite cost of minor energy decreased 0.048 cents per kWh to 22.635 cents per kWh. The composite cost of purchased energy increased 5.397 cents per kWh to 20.292 cents per kWh. The increase in the composite cost of purchased energy is driven by the closure of the coal plant operated by AES Hawaii, LLC.

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 September 1, 2022.

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>08/01/22</u>	<u>09/01/22</u>	
Composite Cost Of Major Energy, ¢/mmbtu	2,852.61	2,735.13	(117.48)
Composite Cost Of Minor Energy, ¢/kwh	22.683	22.635	(0.048)
Composite Cost Of Purchased Energy, ¢/kWh	14.895	20.292	5.397
 <u>Residential, Schedule "R"</u>			
Energy Cost Recovery, ¢/kWh	26.477	29.852	3.375
 <u>Others, Schedules "G,J,DS,P,F"</u>			
Energy Cost Recovery, ¢/kWh	26.477	29.852	3.375
 <u>Residential Customer with:</u>			
500 kWh Consumption, \$/bill	228.13	236.79	8.66
600 kWh Consumption, \$/bill	272.05	282.45	10.40

Supersedes Sheet Effective:

August 1, 2022

Hawaiian Electric Company, Inc.
ENERGY COST RECOVERY FILING

ENERGY COST RECOVERY (ECR) FILING - September 1, 2022 (page 1 of 2)

Line	Effective Date	- September 1, 2022
2	Supercedes Factor	- August 1, 2022

GENERATION COMPONENT

MAJOR ENERGY COMPONENT				MINOR ENERGY COMPONENT			
FUEL PRICES, \$/mmbtu				Fuel Type	Gen Cost \$/KWH	Percent of Minor Energy	Weighted Gen Cost \$/KWH
3	Honolulu		0.00	32a Airport DG	35.90	2.95%	1.0601
4	Kahe		2,735.13	32b CIP-Biodiesel	0.00	0.00%	0.0000
5	Waiau-Steam		2,735.13	32c CT-1 (CIP) ULSD	66.87	5.86%	3.9200
6	(Future Use)		0.00	32d SGS - Biodiesel	31.68	24.36%	7.7171
7	(Future Use)		0.00	32e SGS - ULSD	16.98	2.76%	0.4688
8	(Future Use)		0.00	32f Waiau-Diesel	40.73	23.25%	9.4693
9	Other		0	32g West Loch PV	0.00	40.82%	0.0000
BTU MIX, %				32h COMPOSITE COST OF MINOR ENERGY, \$/kWh			
10	Honolulu		0.00	33 % Input to System kWh Mix			22.635
11	Kahe		69.59				1.51
12	Waiau-Steam		30.41	34 WTD COMP MINOR ENERGY COST, \$/kWh (Lines 32h x 33)			
13	(Future Use)		0.00				0.34179
14	(Future Use)		0.00	35 2017 TY Loss Factor			1.0490
15	(Future Use)		0.00	36 WTD COMP MINOR ENERGY COST, \$/kWh (Line 34 x 35)			0.35854
16	Other		0.00	37 BASE MINOR ENERGY COMP COST			0.0000
100.00				38 Base % Input to System kWh Mix			0.0000
17 COMPOSITE COST OF GENERATION, MAJOR ENERGY \$/mmbtu				39 WTD BASE MINOR ENERGY COST, \$/kWh (Line 37 x 38)			
2,735.13				0.00000			
18 % Input to system kWh Mix				40 2017 TY Loss Factor			
59.17				1.0490			
EFFICIENCY FACTOR, mmbtu/kWh				41 WTD COMP MINOR ENERGY COST, \$/kWh (Line 39 x 40)			
(A)	(B)	(C)	(D)	0.00000			
		Percent of	Weighted	42 Cost Less Base (Line 36 - 41)			
Fuel Type	Eff Factor	Centrl Stn +	Eff Factor	0.358538			
	mmbtu/kwh	Other		43 Revenue Tax Adjustment (1 / (1-0.08885))			
19	LSFO	100.00	0.011142	1.097514			
20	(Future Use)	0.00	0.000000	44 MINOR ENERGY FACTOR, \$/kWh (Line 42 x 43)			
21	(Future Use)	0.00	0.000000	0.39350			
22	Other	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)				18.03195			
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)				18.03195			
30 Revenue Tax Adjustment (1 / (1-0.08885))				1.097514			
31 MAJOR ENERGY GENERATION FACTOR, \$/KWH (Line 29 x 30)				19.79032			

SUMMARY OF TOTAL GENERATION FACTOR, \$/kWh		
45 MAJOR ENERGY (line 31)		19.79032
46 MINOR ENERGY (line 44)	-	0.39350
47 TOTAL GENERATION FACTOR, \$/KWH (lines 45 + 46)	-	20.18382

Hawaiian Electric Company, Inc.
ENERGY COST RECOVERY FILING

ENERGY COST RECOVERY (ECR) FILING - September 1, 2022 (page 2 of 2)

<u>Line</u>	Effective Date	
1	- September 1, 2022	
2	Supercedes Factor	- August 1, 2022

<u>Line</u> PURCHASED ENERGY COMPONENT				Calculation of Monthly Fossil Fuel Cost Risk Sharing Component			
PURCHASED ENERGY PRICE - FOSSIL - \$/KWH							
48	PAR Hawaii	- On Peak	26.303	Baseline LSFO			
49	PAR Hawaii	- Off Peak	27.674	101	LSFO \$, baseline month		\$49,571,623
50	IES Downstream		0.000	102	LSFO mmbtu, baseline		3,000,521
51	Kalaeloa		23.715	103	Baseline LSFO, \$/mmbtu		1652.10
52	AES-HI		0.000	Baseline Diesel			
53				104	Diesel \$, baseline month		\$6,163,417
PURCHASED ENERGY PRICE - RENEWABLE - \$/KWH				105	Diesel mmbtu, baseline		349,008
54	HRRV	- On Peak	18.97	106	Baseline Diesel, c/mmbtu		1,765.98
55		- Off Peak	18.42	Month LSFO			
56	HRRV	- On Peak	(excess) 12.08	107	LSFO mmbtu, budget		3,624,793
57		- Off Peak	(excess) 7.25	108	LSFO Cost, \$/mmbtu		2,735.13
58	Kawailoa Wind		23.42	109	LSFO ECRC Fossil Cost		\$99,142,814
59	Kahuku Wind		21.97	110	LSFO Base ECRC Recovery Target		\$59,885,226
60	Waianae Solar PV		14.50	111	LSFO differential		\$39,257,588
61	As Available I		23.51	Month Diesel			
62	FIT		23.74	112	Diesel mmbtu, budget		51,311
63	CBRE PV		15.00	113	Diesel Cost, \$/mmbtu		2,310.02
64	Kawailoa PV		12.73	114	Diesel ECRC Fossil Cost		\$1,185,295
65	Lanikuhana PV		13.05	115	Diesel Base ECRC Recovery Target		\$906,142
66	Waipio PV		12.18	116	Diesel differential		\$279,153
67	Na Pua Makani Wind		14.06	Derivation of Non-Adjustable Component:			
67.1	Milliani I Solar		0.00	117	Total Fossil		\$39,536,740
67.2	Unused		0.00	118	2% of above		\$790,735
67.3	Unused		0.00	118A	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year		\$1,848,838
67.4	Unused		0.00	118B	Maximum Annual Cap (bi-directional)		\$2,500,000
67.5	Unused		0.00	118C	Applicable Monthly Fossil Fuel Cost Risk Sharing		\$651,162
67.6	Unused		0.00	118D	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month		\$2,500,000
PURCHASED ENERGY KWH MIX - FOSSIL - %				119	Fossil Cost Risk Sharing before taxes		\$651,162
68	PAR Hawaii	- On Peak	0.23	120	Revenue Tax Adjustment		1,097,514
69	PAR Hawaii	- Off Peak	0.17	121	Fossil Cost Risk Sharing w/revenue tax		\$714,660
70	IES Downstream		0.05	122	Forecasted Month MWh Sales		545,612
71	Kalaeloa		53.71	123	Fossil Fuel Cost Risk Sharing Component, c/kWh		-0.1310
72	AES-HI		0.00				
73							
73a	Subtotal Fossil %		54.15				
PURCHASED ENERGY KWH MIX - RENEWABLE - %							
74	HRRV	- On Peak	9.05				
75		- Off Peak	3.41				
76	HRRV	- On Peak	(excess) 0.00				
77		- Off Peak	(excess) 2.52				
78	Kawailoa Wind		5.52				
79	Kahuku Wind		2.71				
80	Waianae Solar PV		2.61				
81	As Available I		0.82				
82	FIT		3.03				
83	CBRE PV		0.02	80A	Fuel Handling Exp, \$000		\$7,604.5
84	Kawailoa PV		4.71		Final Settlement, HECO-603, p1		
85	Lanikuhana PV		1.39	80B	Revenue Tax Adjustment		1,097,514
86	Waipio PV		4.33	80C	Non-Adj Revenues, \$000		\$8,346.0
87	Na Pua Makani Wind		3.04	80D	2017 TY Sales, MWh		6,660,200
87.1	Milliani I Solar		2.67		HECO-301, p1		
87.2	Unused		0.00	80E	Non-Adj Revenues, \$/kWh		0.12531
87.3	Unused		0.00				
87.4	Unused		0.00				
87.5	Unused		0.00				
87.6	Unused		0.00				
87a	Subtotal Renewable %		45.85				
87b	Total Purchased Energy %		100.00				
87c	Composite Cost of Purchased Energy, Fossil		23.72				
87d	Composite Cost of Purchased Energy, Renewable		16.25				
88	COMPOSITE COST OF PURCHASED ENERGY, \$/KWH		20.292				
89	% Input to System kWh Mix		39.32	Line SYSTEM COMPOSITE			
90	WTD CMP PURCH ENRGY COST, \$/KWH (lines 88 x 89)		7.97881	124	GEN AND PURCHASED ENERGY FACTOR, \$/kWh (lines 47 + 100)		29.3698
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)		8.36977	126	ECR Reconciliation Adjustment		0.4880
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)		-0.1310
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)		29.852
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)		8.36977				
99	Revenue Tax Adjustment (1 / (1-0.08885))		1.097514				
100	PURCHASED ENERGY FACTOR, \$/KWH (lines 98 x 99)		9.18594				

Hawaiian Electric Company, Inc.
FUEL OIL INVENTORY PRICES FOR September 1, 2022

	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, ¢/Mbtu	2,733.83	2,733.83	2,733.83
Fuel Additive, ¢/Mbtu	-	1.30	1.30
Honolulu Trucking Cost, ¢/Mbtu	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, ¢/Mbtu	2,733.83	2,735.13	2,735.13
	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, ¢/Mbtu	2,203.66	-	2,670.84
Thruput Charges, ¢/Mbtu	-	-	0
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	2,203.66	-	2,670.84
	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>	
Average Diesel / Biodiesel Oil, ¢/Mbtu	2,000.71	3,674.56	
Thruput Charges, ¢/Mbtu	-	-	
Diesel / Biodiesel Oil Prices Used for Filing, ¢/Mbtu	2,000.71	3,674.56	
	<u>Honolulu</u>	<u>Kahe</u>	<u>Waiau</u>
Average Low Sulfur Fuel Oil, \$/bbl	170.95	170.95	170.95
Fuel Additive, \$/bbl	-	0.08	0.08
Honolulu Trucking Cost, \$/bbl	-	-	-
Low Sulfur Fuel Oil Prices Used For Filing, \$/bbl	170.95	171.03	171.03
	<u>Waiau</u>	<u>CIP Biodiesel</u>	<u>CIP Diesel</u>
Average Diesel / Biodiesel Oil, \$/bbl	127.97	-	154.78
Thruput Charges, ¢/Mbtu	-	-	-
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	127.97	-	154.78
	<u>SGS ULSD</u>	<u>SGS Biodiesel</u>	
Average Diesel / Biodiesel Oil, \$/bbl	115.96	193.56	
Thruput Charges, ¢/Mbtu	-	-	
Diesel / Biodiesel Oil Prices Used for Filing, \$/bbl	115.96	193.56	
Distibuted Generation Fuel Prices Used for Filing, ¢/kWh			35.900

FOAC September 1, 2022

<u>LSFO</u>	BARRELS	MBTU	AMOUNT	AVE \$/MBTU
Per FOAC run	1,180,023	7,378,986	201,728,746	27.338274
Additional	-	-	-	-
Forecast Amt	1,180,023	7,378,986	201,728,746	27.338274
	-	6.20	-	ADD'L BBL
	7,378,986	1,180,023	6.2533	MBTU / BBL
	201,728,746	1,180,023	170.95	DOLLARS / BBL
<u>WAI AU DIESEL</u>	22,325	129,646	2,856,956	22.036588
	2,856,956	22,325	127.97	DOLLARS / BBL
<u>CIP BIODIESEL</u>	-	-	-	-
	-	-	-	DOLLARS / BBL
<u>CIP DIESEL</u>	71,276	413,065	11,032,328	26.708431
	11,032,328	71,276	154.78	DOLLARS / BBL
<u>SGS ULSD</u>	426	2,469	49,400	20.007140
	49,399.63	426	115.96	DOLLARS / BBL
<u>SGS BIODIESEL</u>	6,025	31,738	1,166,229	36.74563864
	1,166,229	6,025	193.56	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)	\$	35.16	\$	36.75	\$	20.01	Estimated Distributed Generation Fuel Cost (\$/MBTU)
(B)		2,579		17,962		2004	Estimated MBTU Consumption
(B1)		491		3,423		350	Estimated fuel consumption barrels
(C) = (A) x (B)		\$90,667		\$660,010		\$40,095	Estimated Distributed Generation Fuel Cost (\$)
(D)		252,574		2,083,454		236,156	Estimated Distributed Generation kWh
(E) = ((C) ÷ (D)) x 100		<u>35.900</u>		<u>31.680</u>		<u>16.980</u>	¢/kWh

Hawaiian Electric Company, Inc.
ECA RECONCILIATION ADJUSTMENT
September 2022

1.	Amount to be collected	\$	7,276,200
2.	Monthly Amount (Line 1 x 1/3)	\$	2,425,400
3.	Revenue Tax Divisor		0.91115
4.	Total (Line 2 / Line 3)	\$	2,661,911
5.	Estimated MWh Sales (September 2022)		545,612
6.	ECA Reconciliation Adjustment, ¢/kWh (Line 4 ÷ Line 5)		<u><u>0.488</u></u>

HAWAIIAN ELECTRIC COMPANY, INC.
2022 Cumulative Reconciliation Balance

<u>Month</u>	(1) <u>YTD FOA Reconciliation</u>	<u>Qtr</u>	(2) <u>FOA Rec Variance</u>	(3) <u>FOA Rec Less Variance</u>	(4) <u>Try to Collect</u>	(5) <u>Actual Collect</u>	(6) <u>Month-end Cumulative Balance</u>
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		
September					2,425,400		

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>	<u>ENERGY COST FACTOR</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>CENTS / KWH</u>	<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

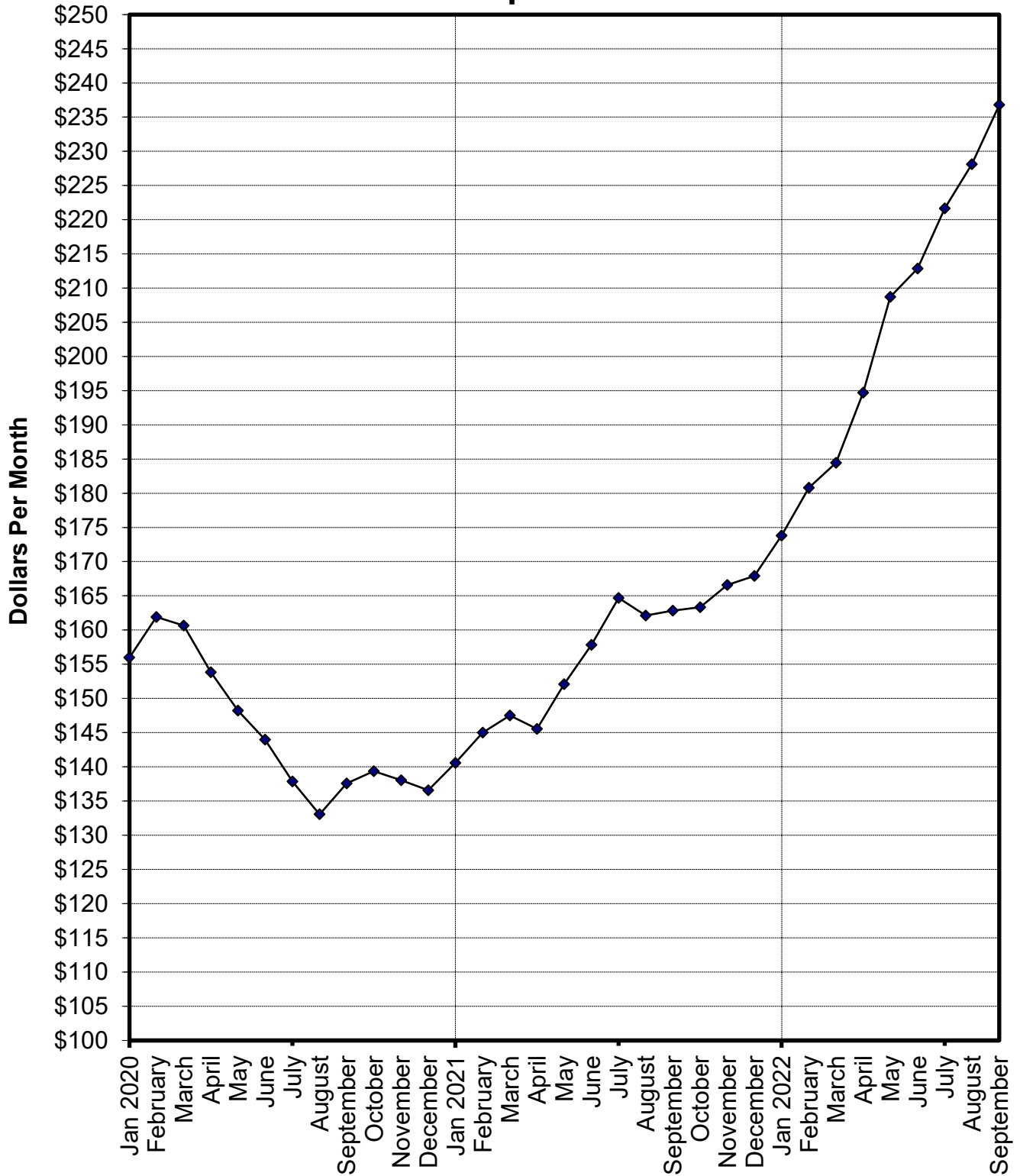
Hawaiian Electric Company, Inc.
RESIDENTIAL SURCHARGE DATA

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 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
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	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9085 CENTS/KWH
7/1/2022	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
7/1/2022-7/31/2022	PURCHASED POWER ADJUSTMENT CLAUSE	2.6139 CENTS/KWH
7/1/2022	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	RESIDENTIAL DEMAND RESPONSE ADJUSTMENT CLAUSE (DRAC)	-0.0052 CENTS/KWH
8/1/2022	RESIDENTIAL DSM ADJUSTMENT	0.1567 CENTS/KWH
8/1/2022	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0168 CENTS/KWH
9/1/2022	PURCHASED POWER ADJUSTMENT CLAUSE	1.2229 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		
	8/1/2022	9/1/2022	8/1/2022	9/1/2022	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 kWh per month	¢/kWh	10.6812	10.6812	37.38	37.38
Next 850 kWh 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	0.00
Purchase Power Adjustment	¢/kWh	2.8647	1.2229	14.32	6.11
RBA Rate Adjustment	¢/kWh	1.9085	1.9085	9.54	9.54
DSM Adjustment	¢/kWh	0.1567	0.1567	0.78	0.78
Demand Response Adjustment Clause	¢/kWh	-0.0052	-0.0052	-0.03	-0.03
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	0.6488	0.6488	3.24	3.24
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh	0.0168	0.0168	0.08	0.08
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Energy Cost Recovery	¢/kWh	26.477	29.852	132.39	149.26
Green Infrastructure Fee	\$	1.18	1.18	1.18	1.18
Avg Residential Bill at 500 kWh			228.13	236.79	

Increase / (Decrease -)	8.66
% Change	3.80%

	Rate		Charge (\$) at 600 kWh		
	8/1/2022	9/1/2022	8/1/2022	9/1/2022	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 kWh per month	¢/kWh	10.6812	10.6812	37.38	37.38
Next 850 kWh 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	0.00
Purchase Power Adjustment	¢/kWh	2.8647	1.2229	17.19	7.34
RBA Rate Adjustment	¢/kWh	1.9085	1.9085	11.45	11.45
DSM Adjustment	¢/kWh	0.1567	0.1567	0.94	0.94
Demand Response Adjustment Clause	¢/kWh	-0.0052	-0.0052	-0.03	-0.03
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	0.6488	0.6488	3.89	3.89
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh	0.0168	0.0168	0.10	0.10
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Energy Cost Recovery	¢/kWh	26.477	29.852	158.86	179.11
Green Infrastructure Fee	\$	1.18	1.18	1.18	1.18
Avg Residential Bill at 600 kWh			272.05	282.45	

Increase / (Decrease -)	10.40
% Change	3.82%

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Sent: Monday, August 29, 2022 9:50 AM
To: Oya, Tyler
Subject: Hawaii PUC eFiling Confirmation of Filing

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