



May 29, 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: Maui Electric Energy Cost Recovery Factor for June 2024

Maui Electric Company, Limited's ("Maui Electric" or "Company") June 2024 Energy Cost Recovery Factor for Maui Division is 20.909 cents per kilowatt-hour ("kWh"), a decrease of 2.958 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will pay \$209.67, a decrease of \$5.04 compared to rates effective May 1, 2024. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$14.79), partially offset by the increase in the Purchase Power Adjustment Rate (+\$8.22) and increase in the impact of the RBA Rate Adjustment (+\$1.53).

The June 2024 ECRC rates applicable to customers on Maui Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -0.2015 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -0.4030 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -0.6045 cents/kWh in the Evening Peak 5 p.m. to 9 p.m. period, as shown in Attachments 1 and 2.

The Company's Maui Division fuel composite cost of generation, central station and other increased 25.300 cents per million BTU to 2,034.79 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 5.895 cents per kWh to 15.488 cents per kWh.

The June 2024 Energy Cost Recovery Factor for Lāna'i Division is 31.560 cents per kWh, an increase of 1.865 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will pay \$205.77, an increase of \$7.64 compared to rates effective May 1, 2024. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery Factor (+\$7.46) and increase in the impact of the RBA Rate Adjustment (+\$0.18).

The June 2024 ECRC rates applicable to customers on Lanai Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -2.6395 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -5.2790 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -7.9185 cents/kWh in the Evening Peak 5 p.m. to 9 p.m. period, as shown in Attachments 10 and 11.

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 159.59 cents per million BTU to 2,729.94 cents per million BTU. The composite cost

The Honorable Chair and Members
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May 29, 2024
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of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 0.00 cents per kWh.

The June 2024 Energy Cost Recovery Factor for Moloka'i Division is 28.090 cents per kWh, an increase of 0.206 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will pay \$200.18, an increase of \$1.02 compared to rates effective May 1, 2024. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery Factor (+\$0.82) and increase in the impact of the RBA Rate Adjustment (+\$0.20).

The May 2024 ECRC rates applicable to customers Molokai Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -0.1342 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -0.2684 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -0.4026 cents/kWh in the Evening Peak 5 p.m. to 9 p.m. period, as shown in Attachments 17 and 18.

The Company's Moloka'i Division fuel composite cost of generation, central station and other increased 16.29 cents per million BTU to 2,329.89 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 21.80 cents per kWh.

The attached sheets set forth the fuel adjustment in cents per kWh for each rate schedule that applies for pro rata use beginning June 1, 2024.

Very truly yours,

/s/ Dean K. Matsuura

Dean K. Matsuura
Director, Regulatory Rate Proceedings

Attachments

cc: Division of Consumer Advocacy

**MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION**

ENERGY COST RECOVERY FACTOR

	EFFECTIVE DATES		<u>Change</u>
	<u>5/01/2024</u>	<u>6/01/2024</u>	
<u>COMPOSITE COSTS</u>			
Generation, Central Station & Other, ¢/mbtu	2,009.49	2,034.79	25.300
DG Energy, ¢/kWh	0.00	0.00	0.000
Purchased Energy, ¢/kWh	21.383	15.488	(5.895)
<u>Residential Schedule "R"</u>			
Energy Cost Recovery Factor, ¢/kWh	23.867	20.909	(2.958)
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery Factor, ¢/kWh	23.867	20.909	(2.958)
<u>Residential Customer with</u>			
500 KWH Consumption, \$/Bill	214.71	209.67	(5.04)
600 KWH Consumption, \$/Bill	256.54	250.49	(6.05)
<u>Schedules ARD TOU R, ARD TOU G, ARD TOU J</u>			
Daytime (9a-5p) Energy Cost Recovery Factor, ¢/kWh	(0.2230)	(0.2015)	0.0215
Overnight (9p-9a) Energy Cost Recovery Factor, ¢/kWh	(0.4460)	(0.4030)	0.0430
Evening Peak (5p-9p) Energy Cost Recovery Factor, ¢/kWh	(0.6690)	(0.6045)	0.0645

Supersedes Sheet Effective:

5/01/2024

MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION
ENERGY COST RECOVERY (ECR) FILING

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

Line		
1	Effective Date	June 1, 2024
2	Supersedes Factors of	May 1, 2024

GENERATION COMPONENT

CENTRAL STATION				DG ENERGY COMPONENT			
FUEL PRICES, ¢/mmbtu							
3	Industrial		1,676.84				
4	Diesel		2,158.67				
5	Other						
BTU MIX, %							
6	Industrial		25.71%	23	COMPOSITE COST OF DG		
7	Diesel		74.29%		ENERGY, ¢/kWh		
8	Other		0.00%	24	% Input to System kWh Mix		
			100.00%		0.00%		
9	COMPOSITE COST OF GENERATION, CENTRAL STATION + OTHER ¢/mmbtu (Lines (3 x 6) + (4 x 7) + (5 x 8))		2,034.79	25	WEIGHTED COMPOSITE DG ENERGY COST, ¢/kWh (Lines 23 x 24)	-	
10	% Input to System kWh Mix		49.34%	26	BASE DG ENERGY COMP COST	0.000	
EFFICIENCY FACTOR, mmbtu/kWh				27	Base % Input to System kWh Mix	0.00	
	(A)	(B)	(C)	(D)	28	WEIGHTED BASE DG ENERGY COST, ¢/kWh (Line 26 x 27)	0.00000
		Eff Factor	Percent of Centrl Stn + Other	Weighted Eff Factor	29	Cost Less Base (Line 25 - 28)	0.00000
11	Industrial	0.015786	17.47	0.002758	30	Loss Factor	1.057
12	Diesel	0.009938	82.53	0.008202	31	Revenue Tax Req Multiplier	1.0975
13	Other	0.011072	0.00	-	32	DG FACTOR, ¢/kWh (Line 29 x 30 x 31)	0.00000
(Lines 11, 12, 13): Col(B) x Col(C) = Col(D)							
14	Weighted Efficiency Factor, mmbtu/kWh [(lines 11(D) + 12(D) + 13(D))]		0.010960				
15	WEIGHTED COMPOSITE CENTRAL STATION + OTHER GENERATION COST, ¢/kWh (lines (9 x 10 x 14))		11.00346				
16	BASE CENTRAL STATION + OTHER GENERATION COST, ¢/mmbtu		0.00				
17	Base % Input to Sys kWh Mix		0.00				
18	Efficiency Factor, mmbtu/kwh		0.011072				
19	WEIGHTED BASE CENTRAL STATION + OTHER GENERATION COST ¢/kWh (lines (16 x 17 x 18))		-				
20	COST LESS BASE (line(15 - 19))		11.00346				
21	Revenue Tax Req Multiplier		1.0975				
22	CENTRAL STATION + OTHER GENERATION FACTOR, ¢/kWh (line (20 x 21))		12.07630				
					SUMMARY OF		
					TOTAL GENERATION FACTOR, ¢/kWh		
					33 CNTRL STN + OTHER (line 22)	12.07630	
					34 DG (line 32)	-	
					35 TOTAL GENERATION FACTOR, ¢/kWh (lines 33 + 34)	12.07630	

**MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION
ENERGY COST RECOVERY (ECR) FILING**

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

Line		
1	Effective Date	June 1, 2024
2	Supercedes Factors of	May 1, 2024

Line	PURCHASED ENERGY COMPONENT	
	PURCHASED ENERGY PRICE - FOSSIL ¢/kWh	
	PURCHASED ENERGY PRICE - RENEWABLE, ¢/kWh	
36	Kaheawa Wind I - On Peak	14.000
37	- Off Peak	13.126
38	Kaheawa Wind II	26.595
39	Sempra Wind	23.912
40	Unused - On Peak	0.000
41	- Off Peak	0.000
42	South Maui RR	11.060
43	Ku'ia Solar	11.060
44	AES Kuihelani Solar	0.000
45	Unused	0.000
46	CBRE PV	16.500
47		
48	FIT	21.934
	PURCHASED ENERGY KWH MIX- FOSSIL, %	
48A	Subtotal Fossil %	0%
	PURCHASED ENERGY KWH MIX - RENEWABLE, %	
49	Kaheawa Wind I - On Peak	13.86%
50	- Off Peak	11.38%
51	Kaheawa Wind II	20.28%
52	Sempra Wind	24.76%
53	Unused - On Peak	0.00%
54	- Off Peak	0.00%
55	South Maui RR	1.11%
56	Ku'ia Solar	0.90%
57	AES Kuihelani Solar	25.35%
58	Unused	0.00%
59	CBRE PV	0.00%
60		
61	FIT	2.36%
61A	Subtotal Renewable %	100.00%
61B	Total Purchased Energy %	100.00%
61C	Composite Cost of Purchased Energy, Fossil	N/A
61D	Composite Cost of Purchased Energy, Renewable	15.488
62	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	15.488
	(Lines (36 x 49) + (37 x 50) + (38 x 51) + (39 x 52) + (40 x 53) + (41 x 54) + (42 x 55) + (43 x 56) + (44 x 57) + (45 x 58) + (46 x 59) + (48 x 61))	
63	% Input to System kWh Mix	50.66%
64	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (lines (62 x 63))	7.84622
65	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000
66	Base % Input to Sys kWh Mix	0.00
67	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (lines (65 x 66))	0.00000
68	COST LESS BASE (lines (64 - 67))	7.84622
69	Loss Factor	1.057
70	Revenue Tax Req Multiplier	1.0975
71	PURCHASED ENERGY FACTOR, ¢/kWh (lines (68 x 69 x 70))	9.10207

Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Component	
	Baseline IFO	
72	IFO \$, baseline month	\$3,230,715
73	IFO mmbtu, baseline	201,606
74	Baseline IFO, ¢/mmbtu	1602.49
	Baseline Diesel	
75	Diesel \$, baseline month	\$11,687,058
76	Diesel mmbtu, baseline	541,444
77	Baseline Diesel, ¢/mmbtu	2158.50
	Month IFO	
78	IFO mmbtu, budget	119,551
79	IFO Cost, ¢/mmbtu	1,676.84
80	IFO ECRC Fossil Cost	\$2,004,675
81	IFO Base ECRC Recovery Target	\$1,915,785
82	IFO differential	\$88,890
	Month Diesel	
83	Diesel mmbtu, budget	345,535
84	Diesel Cost, ¢/mmbtu	2,158.67
85	Diesel ECRC Fossil Cost	\$7,458,952
86	Diesel Base ECRC Recovery Target	\$7,458,362
87	Diesel differential	\$590
88	Total Fossil	\$89,480
89	2% of above	\$1,790
90	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$14,114
91	Maximum Annual Cap (bi-directional)	\$570,000
92	Number of Days in year from implementation	365
93	Fossil Risk % Proration (based on 365 day year)	100.00%
94	Maximum Annual Cap (bi-directional) prorated	\$570,000
95	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$1,790
96	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	-\$12,324
97	Fossil Cost Risk Sharing before taxes	\$1,790
98	Revenue Tax Adjustment	1.097514
99	Fossil Cost Risk Sharing w/revenue tax	\$1,964
100	Forecasted Month MWh Sales	80,749
101	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	-0.0024

Derivation of Non-Adjustable Component:		
102	Maalaea Biodiesel (\$000s)	\$511.3
103	Hana (\$000s)	\$19.2
104	Ignition Startup (\$000s)	\$37.6
	Total	\$568.1
	Final Settlement, MECO-602, p1 and MECO-603, p1	
105	Revenue Tax Adjustment	1.097514
106	Non-Adj Revenues, \$000	\$623.5
107	2018 TY Sales, MWh	1,017,968
	Final Tariffs submitted 4/17/2019, Docket No. 2017-0150, Exhibit 2, Att 1, p361	
108	Non-Adj Revenues, ¢/kWh	0.06125
109	Generation and Purchased Energy Factors	21.17837
110	ECR Reconciliation Adjustment	(0.328)
111	Non-Adjustable Component	0.0612
112	Fossil Fuel Cost Risk Sharing Component	-0.0024
113	ECR FACTOR, ¢/kWh (lines (109 + 110 + 111 + 112))	20.909
114	Baseline ECRC Component	24.296
115	Monthly Energy Cost Recovery Factor Less Baseline ECRC Component (Line 113 - Line 114)	(3.387)
116	Daytime System Load	30.386%
117	Overnight System Load	47.044%
118	Evening Peak System Load	22.570%
119	Daytime Time-of-Use Monthly Energy Cost Recovery Factor	(0.2015)
120	Overnight Time-of-Use Monthly Energy Cost Recovery Factor (Line 119 x 2)	(0.4030)
121	Evening Peak Time-of-Use Monthly Energy Cost Recovery Factor (Line 119 x 3)	(0.6045)
122	Composite (Line 116 x Line 119 + Line 117 x Line 120 + Line 118 x Line 121)	(0.387)

**MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION**

Fuel Oil Inventory Prices for June 2024

<u>TYPE OF OIL BURNED</u>	<u>PRICES \$/BBL</u>	<u>CONVERSION FACTORS</u>		<u>PRICES ¢/MBTU</u>
INDUSTRIAL	105.6412	6.30	MBTU/BBL	1,676.84
DIESEL/ULSD	126.3694	5.85	MBTU/BBL	2,158.67

**Maui Electric Company, Ltd.
Maui Division**

Month End Fuel Oil Estimate

<u>Kahului</u>	<u>Barrels</u>	<u>MBTU</u>	<u>(\$)</u>
5/20/2024	26,715.36	168,306.77	2,753,704.03
Estimated Use	15,731.86	99,110.74	1,569,685.52
Estimated Received	14,400.00	90,720.00	1,497,523.22
Estimated Additional	0.00	0.00	0.00
Estimated End	<u>25,383.50</u>	<u>159,916.03</u>	<u>2,681,541.73</u>
Next month's expense (\$/bbl) =		\$ 105.6412	

<u>Maalaea</u>	<u>Barrels</u>	<u>MBTU</u>	<u>(\$)</u>
5/20/2024	97,428.34	570,349.31	12,252,068.56
Estimated Use	36,087.80	211,259.41	4,503,519.72
Estimated Received	35,300.00	206,647.57	4,463,861.54
Estimated Additional	0.00	0.00	0.00
Estimated End	<u>96,640.54</u>	<u>565,737.47</u>	<u>12,212,410.38</u>
Next month's expense (\$/bbl) =		\$ 126.3694	

**MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION**

PURCHASED POWER PRICE CALCULATIONS

KAHEAWA WIND POWER ENERGY RATE:

Kaheawa Wind - On Peak, ¢/kWh	14.000
- Off Peak, ¢/kWh	13.126

Kaheawa Wind Energy Rate Calculations:

Percent of Energy Payment Rate:

Fixed energy payment rate	70%
Flat payment rate	<u>30%</u>
	<u>100%</u>

Fixed Energy Payment Rate (Table D-1) for 2024:

On-peak, ¢/kwh	10.571
Off-peak, ¢/kwh	9.323

Flat Payment Rate Per Docket No. 2011-0192 D&O 30331:

On-peak, ¢/kwh	22.000
Off-peak, ¢/kwh	22.000

On-Peak Rate = $10.5710 \text{ ¢/kwh} \times 0.7 + 22.000 \text{ ¢/kwh} \times 0.3 = 14 \text{ ¢/kwh}$

Off-Peak Rate = $9.323 \text{ ¢/kwh} \times 0.7 + 22.000 \text{ ¢/kwh} \times 0.3 = 13.126 \text{ ¢/kwh}$

MAUI ELECTRIC COMPANY, LTD.
Maui Division
ECR Reconciliation Adjustment
June 2024

1. Amount to be Refunded	(\$723,100)
2. Monthly amount (1 / 3 X Line 1)	(\$241,033)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$264,537)
5. Estimated Sales (June 2024)	80,749 mwh
6. Adjustment (Line 4 ÷ Line 5)	(0.328) ¢/kwh

MAUI ELECTRIC COMPANY, LTD.
MAUI DIVISION
2024 Cumulative Reconciliation Balance

<u>Month</u>	(1) <u>YTD FOA Reconciliation</u>	<u>Qtr</u>	(2) <u>FOA Rec Adjust 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>
December '21					(243,967)	(253,989)	224,074
January '22					(243,967)	(255,810)	(31,736)
February	(428,500)	(4)	(19,896)	(408,604)	142,833	139,468	(300,872)
March					142,833	163,965	(136,907)
April					142,833	157,268	20,361
May	1,081,500	(1)	5,924	1,075,576	(360,500)	(408,035)	687,902
June					(360,500)	(403,811)	284,091
July					(360,500)	(391,575)	(107,484)
August	243,600	(2)	(76,411)	320,011	(81,200)	(88,227)	124,300
September					(81,200)	(91,938)	32,362
October					(81,200)	(90,765)	(58,403)
November	238,800	(3)	(48,840)	287,640	(79,600)	(83,469)	145,768
December					(79,600)	(81,834)	63,934
January '23					(79,600)	(83,279)	(19,345)
February	653,600	(4)	(15,668)	669,268	(217,867)	(221,715)	428,208
March					(217,867)	(225,886)	202,322
April					(217,867)	(234,572)	(32,250)
May	(126,000)	(1)	(15,546)	(110,454)	42,000	44,399	(98,305)
June					42,000	44,093	(54,212)
July					42,000	43,306	(10,906)
August	1,435,900	(2)	(12,213)	1,448,113	(478,633)	(458,084)	979,123
September					(478,633)	(442,113)	537,010
October					(478,633)	(467,088)	69,922
November	2,234,900	(3)	58,375	2,176,525	(744,967)	(740,803)	1,505,644
December					(744,967)	(728,815)	776,829
January '24					(744,967)	(703,694)	73,135
February	792,200	(4)	31,861	760,339	(264,067)	(246,698)	586,776
March					(264,067)	(248,818)	337,958
April					(264,067)	(245,909)	92,049
May	723,100	(1)	73,891	649,209	(241,033)		
June					(241,033)		

NOTES:

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 5)
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))

**Maui Electric Company, Ltd.
Maui Division
Calculations of the Average Residential Customer Bill**

	Rate		Charge (\$) at 500 Kwh		
	5/01/24	6/01/24	5/01/24	6/01/24	Difference
Base Rates	effective date:	09/01/19	09/01/19		
Base Fuel/Energy Charge	¢/kWh	0.0000	0.0000	0.00	0.00
Non-fuel Energy Charge					
First 350 kWh per month	¢/kWh	12.1240	12.1240	42.43	42.43
Next 850 kWh per month	¢/kWh	14.3840	14.3840	21.58	21.58
Customer Charge	\$	11.50	11.50	11.50	11.50
Total Base Charges				75.51	75.51
RBA Rate Adjustment	% of bill excluding ECRC	15.69%	15.95%	12.93	14.46
PBF Surcharge	¢/kWh	0.7195	0.7195	3.60	3.60
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Refund of 2018 Interim	% on Base	0.00	0.00	0.00	0.00
Purchased Power Adjustment	¢/kWh	-0.0126	1.6328	-0.06	8.16
Energy Cost Recovery	¢/kWh	23.867	20.909	119.34	104.55
DSM Adjustment	¢/kWh	0.4359	0.4359	2.18	2.18
Green Infrastructure Fee	\$	1.21	1.21	1.21	1.21
Avg Residential Bill at 500 kwh				214.71	209.67
				Increase (Decrease -)	-5.04
				% Change	-2.35%

	Rate		Charge (\$) at 600 Kwh		
	5/01/24	6/01/24	5/01/24	6/01/24	Difference
Base Rates	effective date:	09/01/19	09/01/19		
Base Fuel/Energy Charge	¢/kWh	0.0000	0.0000	0.00	0.00
Non-fuel Energy Charge					
First 350 kWh per month	¢/kWh	12.1240	12.1240	42.43	42.43
Next 850 kWh per month	¢/kWh	14.3840	14.3840	35.96	35.96
Customer Charge	\$	11.50	11.50	11.50	11.50
Total Base Charges				89.89	89.89
RBA Rate Adjustment	% of bill excluding ECRC	15.69%	15.95%	15.37	17.20
PBF Surcharge	¢/kWh	0.7195	0.7195	4.32	4.32
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh	0.0000	0.0000	0.00	0.00
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	0.00	0.00
Refund of 2018 Interim	% on Base	0.00	0.00	0.00	0.00
Purchased Power Adjustment	¢/kWh	-0.0126	1.6328	-0.08	9.80
Energy Cost Recovery	¢/kWh	23.867	20.909	143.20	125.45
DSM Adjustment	¢/kWh	0.4359	0.4359	2.62	2.62
Green Infrastructure Fee	\$	1.21	1.21	1.21	1.21
Avg Residential Bill at 600 kwh				256.54	250.49
				Increase (Decrease -)	-6.05
				% Change	-2.36%

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.

**MAUI ELECTRIC COMPANY, LTD. -- Maui Division
FUEL OIL ADJUSTMENT FACTOR DATA**

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR CENTS / KWH</u>		<u>RESIDENTIAL BILL (\$)</u>	
	<u>RESIDENTIAL & COMMERCIAL</u>		<u>@ 500 KWH</u>	<u>@ 600 KWH</u>
January 1, 2020	16.751		168.57	201.30
February 1, 2020	17.482		172.82	206.40
March 1, 2020	17.800		174.41	208.31
April 1, 2020	17.503		172.62	206.17
May 1, 2020	16.260		166.06	198.28
June 1, 2020	15.145		157.82	188.40
July 1, 2020	14.702		154.77	184.77
August 1, 2020	13.780		149.70	178.68
September 1, 2020	13.659		149.08	177.94
October 1, 2020	13.390		147.74	176.34
November 1, 2020	13.830		150.47	179.61
December 1, 2020	14.923		155.93	186.17
January 1, 2021	14.967		156.21	186.48
February 1, 2021	14.338		153.34	183.04
March 1, 2021	16.168		162.49	194.03
April 1, 2021	16.378		163.32	195.01
May 1, 2021	17.615		170.84	204.05
June 1, 2021	17.873		175.55	209.70
July 1, 2021	19.391		183.27	218.98
August 1, 2021	18.648		178.15	212.83
September 1, 2021	18.578		177.77	212.38
October 1, 2021	18.225		176.02	210.28
November 1, 2021	19.019		180.07	215.12
December 1, 2021	17.109		170.52	203.66
January 1, 2022	20.790		193.72	231.49
February 1, 2022	20.593		192.83	230.42
March 1, 2022	22.118		200.46	239.58
April 1, 2022	24.483		212.12	253.57
May 1, 2022	26.433		223.53	267.26
June 1, 2022	28.248		230.80	276.00
July 1, 2022	27.953		229.02	273.87
August 1, 2022	30.202		239.45	286.38
September 1, 2022	27.993		228.34	273.06
October 1, 2022	28.147		229.16	274.04
November 1, 2022	24.488		210.08	251.14
December 1, 2022	24.119		208.25	248.95
January 1, 2023	25.334		215.82	258.03
February 1, 2023	24.501		212.21	253.70
March 1, 2023	25.455		216.98	259.42
April 1, 2023	24.536		212.37	253.88
May 1, 2023	24.180		210.60	251.76
June 1, 2023	23.396		206.70	246.95
July 1, 2023	23.122		205.68	245.74
August 1, 2023	21.982		200.38	239.37
September 1, 2023	22.664		203.77	243.46
October 1, 2023	24.296		211.95	253.26
November 1, 2023	25.685		218.94	261.66
December 1, 2023	24.661		213.83	255.53
January 1, 2024	23.173		209.51	250.30
February 1, 2024	23.673		209.57	250.36
March 1, 2024	23.169		207.27	247.60
April 1, 2024	23.557		209.00	249.67
May 1, 2024	23.867		214.71	256.54
June 1, 2024	20.909		209.67	250.49

MAUI ELECTRIC COMPANY, LTD. -- Maui Division
RESIDENTIAL SURCHARGE DATA

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
06/01/11	IRP RECOVERY REFUND	0.000 PERCENT ON BASE
08/17/17	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0000 CENTS/KWH
06/01/19	FINAL RATE INCREASE (3.74%), DOCKET NO. 2017-0150 (2018 TEST YEAR	
05/01/20 - 03/31/21	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/20 - 05/31/21	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.3383 CENTS/KWH
07/01/20 - 06/30/21	RESID. PBF SURCHARGE ADJUSTMENT	0.5882 CENTS/KWH
11/01/20 - 01/31/21	RESID. DSM ADJUSTMENT	-0.0022 CENTS/KWH
01/01/21 - 01/31/21	PURCHASED POWER ADJUSTMENT	-0.0013 CENTS/KWH
01/01/21 - 06/30/21	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
02/01/21	RESID. DSM ADJUSTMENT	0.0563 CENTS/KWH
02/01/21 - 02/28/21	PURCHASED POWER ADJUSTMENT	-0.0042 CENTS/KWH
03/01/21 - 03/31/21	PURCHASED POWER ADJUSTMENT	-0.0030 CENTS/KWH
04/01/21 - 04/30/21	PURCHASED POWER ADJUSTMENT	-0.0044 CENTS/KWH
04/01/21 - 04/30/21	SOLARSAVER ADJUSTMENT	-0.0445 CENTS/KWH
05/01/21 - 07/31/21	RESID. DSM ADJUSTMENT	0.0658 CENTS/KWH
05/01/21 - 03/31/22	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
05/01/21 - 05/31/21	PURCHASED POWER ADJUSTMENT	0.2109 CENTS/KWH
06/01/21 - 06/30/21	PURCHASED POWER ADJUSTMENT	0.2076 CENTS/KWH
6/1/2021 - 12/31/21	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.0242 CENTS/KWH
07/01/21 - 12/31/21	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
07/01/21 - 06/30/22	RESID. PBF SURCHARGE ADJUSTMENT	0.6478 CENTS/KWH
07/01/21 - 07/31/21	PURCHASED POWER ADJUSTMENT	0.1862 CENTS/KWH
08/01/21 - 08/31/21	PURCHASED POWER ADJUSTMENT	-0.0296 CENTS/KWH
08/01/21 - 10/31/21	RESID. DSM ADJUSTMENT	0.0003 CENTS/KWH
09/01/21 - 09/30/21	PURCHASED POWER ADJUSTMENT	-0.0350 CENTS/KWH
10/01/21 - 10/31/21	PURCHASED POWER ADJUSTMENT	-0.0314 CENTS/KWH
11/01/21 - 11/30/21	PURCHASED POWER ADJUSTMENT	-0.0107 CENTS/KWH
11/01/21 - 01/31/22	RESID. DSM ADJUSTMENT	-0.0084 CENTS/KWH
12/01/21 - 12/31/21	PURCHASED POWER ADJUSTMENT	-0.0096 CENTS/KWH
01/01/22 - 05/31/22	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9714 CENTS/KWH
01/01/22 - 06/30/22	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
01/01/22 - 01/31/22	PURCHASED POWER ADJUSTMENT	-0.0100 CENTS/KWH
02/01/22 - 02/28/22	PURCHASED POWER ADJUSTMENT	-0.0009 CENTS/KWH
02/01/22 - 04/30/22	RESID. DSM ADJUSTMENT	0.0022 CENTS/KWH
03/01/22 - 03/31/22	PURCHASED POWER ADJUSTMENT	0.0002 CENTS/KWH
04/01/22 - 04/30/22	SOLARSAVER ADJUSTMENT	-0.0315 CENTS/KWH
04/01/22 - 04/30/22	PURCHASED POWER ADJUSTMENT	-0.0011 CENTS/KWH
05/01/22 - 07/31/22	RESID. DSM ADJUSTMENT	-0.1288 CENTS/KWH
05/01/22 - 03/31/23	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
05/01/22 - 05/31/22	PURCHASED POWER ADJUSTMENT	0.4283 CENTS/KWH
06/01/22 - 06/30/22	PURCHASED POWER ADJUSTMENT	0.4226 CENTS/KWH
06/01/22 - 12/31/22	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.6175 CENTS/KWH
07/01/22 - 06/30/23	RESID. PBF SURCHARGE ADJUSTMENT	0.6488 CENTS/KWH
07/01/22 - 12/31/22	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
07/01/22 - 07/31/22	PURCHASED POWER ADJUSTMENT	0.3747 CENTS/KWH
08/01/22 - 08/31/22	PURCHASED POWER ADJUSTMENT	-0.0742 CENTS/KWH
08/01/22 - 10/31/22	RESID. DSM ADJUSTMENT	0.1587 CENTS/KWH
09/01/22 - 09/30/22	PURCHASED POWER ADJUSTMENT	-0.0862 CENTS/KWH
10/01/22 - 10/31/22	PURCHASED POWER ADJUSTMENT	-0.0772 CENTS/KWH
11/01/22 - 01/31/23	RESID. DSM ADJUSTMENT	-0.0584 CENTS/KWH
11/01/22 - 11/30/22	PURCHASED POWER ADJUSTMENT	-0.0177 CENTS/KWH
12/01/22 - 12/31/22	PURCHASED POWER ADJUSTMENT	-0.0155 CENTS/KWH
01/01/23 - 01/31/23	PURCHASED POWER ADJUSTMENT	-0.0120 CENTS/KWH
01/01/23 - 05/31/23	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9048 CENTS/KWH
01/01/23 - 06/30/23	GREEN INFRASTRUCTURE FEE	1.23 DOLLARS/MONTH
02/01/23 - 04/30/23	RESID. DSM ADJUSTMENT	0.0323 CENTS/KWH
02/01/23 - 02/28/23	PURCHASED POWER ADJUSTMENT	0.0092 CENTS/KWH
03/01/23 - 03/31/23	PURCHASED POWER ADJUSTMENT	0.0096 CENTS/KWH
04/01/23 - 04/30/23	PURCHASED POWER ADJUSTMENT	0.0090 CENTS/KWH
04/01/23 - 04/30/23	SOLARSAVER ADJUSTMENT	-0.0038 CENTS/KWH
05/01/23	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
05/01/23 - 07/31/23	RESID. DSM ADJUSTMENT	0.0395 CENTS/KWH
05/01/23 - 05/31/23	PURCHASED POWER ADJUSTMENT	0.0006 CENTS/KWH
06/01/23 - 06/30/23	PURCHASED POWER ADJUSTMENT	0.0012 CENTS/KWH
06/01/23 - 12/31/23	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	11.88% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RBA
07/01/23	RESID. PBF SURCHARGE ADJUSTMENT	0.7195 CENTS/KWH
07/01/23 - 12/31/23	GREEN INFRASTRUCTURE FEE	1.18 DOLLARS/MONTH
07/01/23 - 07/31/23	PURCHASED POWER ADJUSTMENT	0.0032 CENTS/KWH
08/01/23 - 10/31/23	RESID. DSM ADJUSTMENT	0.1119 CENTS/KWH
08/01/23 - 08/31/23	PURCHASED POWER ADJUSTMENT	0.0023 CENTS/KWH
09/01/23 - 09/30/23	PURCHASED POWER ADJUSTMENT	0.0008 CENTS/KWH
10/01/23 - 10/31/23	PURCHASED POWER ADJUSTMENT	0.0022 CENTS/KWH
11/01/23 - 01/31/24	RESID. DSM ADJUSTMENT	0.1228 CENTS/KWH
11/01/23 - 11/30/23	PURCHASED POWER ADJUSTMENT	0.0002 CENTS/KWH
12/01/23 - 12/31/23	PURCHASED POWER ADJUSTMENT	0.0010 CENTS/KWH
01/01/24 - 01/31/24	PURCHASED POWER ADJUSTMENT	0.0018 CENTS/KWH
01/01/24 - 05/31/24	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	15.69% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RBA
01/01/24	GREEN INFRASTRUCTURE FEE	1.21 DOLLARS/MONTH
02/01/24 - 04/30/24	RESID. DSM ADJUSTMENT	0.2338 CENTS/KWH
02/01/24 - 02/29/24	PURCHASED POWER ADJUSTMENT	-0.5315 CENTS/KWH
03/01/24 - 03/31/24	PURCHASED POWER ADJUSTMENT	-0.4931 CENTS/KWH
04/01/24 - 04/30/24	PURCHASED POWER ADJUSTMENT	-0.5307 CENTS/KWH
05/01/24	RESID. DSM ADJUSTMENT	0.4359 CENTS/KWH
05/01/24 - 05/31/24	PURCHASED POWER ADJUSTMENT	-0.0126 CENTS/KWH
06/01/24	PURCHASED POWER ADJUSTMENT	1.6328 CENTS/KWH
06/01/24	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	15.95% PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC

~ Surcharges currently in effect are in bold.

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

**Maui Electric Company, Ltd. - Maui Division
Residential Bill at 500 kWh/Month Consumption**

