

August 28, 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 September 2024

Maui Electric Company, Limited's ("Maui Electric" or "Company") September 2024 Energy Cost Recovery Factor for Maui Division is 20.371 cents per kilowatt-hour ("kWh"), an increase of 0.272 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will pay \$205.96, an increase of \$1.35 compared to rates effective August 1, 2024. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery Factor (+\$1.36), partially offset by the decrease in the Purchase Power Adjustment Rate (-\$0.01).

The September 2024 ECRC rates applicable to customers on Maui Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -2.0421 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -4.0842 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -6.1263 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 decreased 5.690 cents per million BTU to 1,934.46 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 0.350 cents per kWh to 13.806 cents per kWh.

The September 2024 Energy Cost Recovery Factor for Lāna'i Division is 29.758 cents per kWh, a decrease of 0.613 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will pay \$198.68, a decrease of \$2.45 compared to rates effective August 1, 2024. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery Factor.

The September 2024 ECRC rates applicable to customers on Lāna'i Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -3.6175 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -7.2350 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -10.8525 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 decreased 52.86 cents per million BTU to 2,573.61 cents per million BTU. The composite cost

The Honorable Chair and Members of the Hawai'i Public Utilities Commission August 28, 2024 Page 2

of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 0.00 cents per kWh.

The September 2024 Energy Cost Recovery Factor for Moloka'i Division is 25.916 cents per kWh, a decrease of 0.186 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will pay \$191.60, a decrease of \$0.75 compared to rates effective August 1, 2024. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery Factor.

The September 2024 ECRC rates applicable to customers Moloka'i Division Schedules ARD TOU R, ARD TOU G, and ARD TOU J will be -1.2660 cents/kWh in the Daytime 9 a.m to 5 p.m. period, -2.5320 cents/kWh in the Overnight 9 p.m. to 9 a.m. period, and -3.7980 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 decreased 13.73 cents per million BTU to 2,195.53 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 22.49 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 September 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>8/01/2024</u>	9/01/2024	<u>Change</u>
COMPOSITE COSTS			
Generation, Central Station & Other, ¢/mbtu	1,940.15	1,934.46	(5.690)
DG Energy, ¢/kWh	0.00	0.00	0.000
Purchased Energy, ¢/kWh	14.156	13.806	(0.350)
Residential Schedule "R"			
Energy Cost Recovery Factor, ¢/kWh	20.099	20.371	0.272
Others - "G,J,P,F"			
Energy Cost Recovery Factor, ¢/kWh	20.099	20.371	0.272
Residential Customer with			
500 KWH Consumption, \$/Bill	204.61	205.96	1.35
600 KWH Consumption, \$/Bill	244.40	246.03	1.63
Schedules ARD TOU R, ARD TOU G, ARD TOU J			
Daytime (9a-5p) Energy Cost Recovery Factor, ¢/kWh	(2.1836)	(2.0421)	0.1415
Overnight (9p-9a) Energy Cost Recovery Factor, ¢/kWh	(4.3672)	(4.0842)	0.2830
Evening Peak (5p-9p) Energy Cost Recovery Factor, ¢/kWh	(6.5508)	(6.1263)	0.4245

Supersedes Sheet Effective:

8/01/2024

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

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

Line
1 Effective Date September 1, 2024
2 Supercedes Factors of August 1, 2024

GENERATION COMPONENT

		OFNEDAL	07471011			
	FUEL PRICES,	CENTRAL d/mmhtu	STATION			
3	Industrial	φ/IIIIIDtu		1,627.94		
-	Diesel			2,044.41		
	Other			2,044.41		
·	0 1101					
	BTU MIX, %				DG ENERGY COMPONENT	
6	Industrial			26.40%	23 COMPOSITE COST OF DG	
7	Diesel			73.60%	ENERGY, ¢/kWh	0.000
8	Other			0.00%	24 % Input to System kWh Mix	0.00%
				100.00%		
					25 WEIGHTED COMPOSITE DG ENERGY C	OST,
9		OST OF GENER			¢/kWh (Lines 23 x 24)	-
		ATION + OTHER		1,934.46		
		(4 x 7) + (5 x 8))				
10	% Input to Syste	em kWh Mix		58.90%	26 BASE DG ENERGY COMP COST	0.000
	FFFIOIENOVE	10TOD 11 //	144		27 Base % Input to System kWh Mix	0.00
		ACTOR, mmbtu/k		(D)	28 WEIGHTED BASE DG ENERGY COST,	0.00000
	(A)	(B)	(C) Percent of	(D)	¢/kWh (Line 26 x 27)	0.00000
		Eff Factor	Centrl Stn +	Weighted	29 Cost Less Base (Line 25 - 28)	0.00000
	Fuel Type	Ell I doloi	Other	Eff Factor	30 Loss Factor	1.057
11		0.015786	17.8		31 Revenue Tax Reg Multiplier	1.0975
12	Diesel	0.009938	82.1	9 0.008168	32 DG FACTOR,	
13	Other	0.011072	0.0	0 -	¢/kWh (Line 29 x 30 x 31)	0.00000
	(Lines 11, 12,	13): Col(B) x Co	I(C) = Col(D)			
14		ncy Factor, mmb	tu/kWh			
	[lines 11(D) + 1	12(D) + 13(D)]		0.010979		
15		MPOSITE CENT				
		RATION COST,	¢/kWh	40.50044		
	(lines (9 x 10 x	14))		12.50944		
16	BASE CENTRA	I STATION + OT	HER GENERATI	ON		
10	COST, ¢/mmb		TILIT OLIVLIVATI	0.00		
17	Base % Input to			0.00		
	Efficiency Factor			0.011072		
			ATION + OTHER	}		
	GENERATION	COST ¢/kWh				
	(lines (16 x 17	7 x 18))		-		
					SUMMARY OF	
		SE (line(15 - 19)))	12.50944	TOTAL GENERATION FACTOR, ¢/kWh	
	Revenue Tax Re			1.0975	33 CNTRL STN + OTHER (line 22)	13.72911
22		TION + OTHER C			34 DG (line 32)	-
	FACTOR, ¢/kV	Vh (line (20 x 21))	13.72911	35 TOTAL GENERATION FACTOR,	
					¢/kWh (lines 33 + 34)	13.72911

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

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

Line
1 Effective Date
2 Supercedes Factors of September 1, 2024 August 1, 2024

	•		
<u>Line</u>	PURCHASED	ENERGY COMPONENT	
	PURCHASED ENERGY P	DICE ECCOL 4/14Mb	
	PURCHASED ENERGY P	RICE - FOSSIL ¢/KWII	
	PURCHASED ENERGY P	RICE - RENEWABLE, ¢/kWh	1
36	Kaheawa Wind I	- On Peak	14.000
37		- Off Peak	13.126
	Kaheawa Wind II Sempra Wind		26.595 23.912
	Unused	- On Peak	0.000
41	0.14004	- Off Peak	0.000
42	South Maui RR		11.060
	Ku'ia Solar		11.060
	AES Kuihelani Solar		0.000
	Unused CBRE PV		0.000
46	CBREPV		16.500
	FIT		21.934
	PURCHASED ENERGY K	WH MIX- FOSSIL, %	
48A	Subtotal Fossil %		0%
40		WH MIX - RENEWABLE, %	44.000/
50	Kaheawa Wind I	- On Peak - Off Peak	11.98% 10.41%
	Kaheawa Wind II	- On reak	18.55%
	Sempra Wind	- On Peak	20.97%
53	Unused	- On Peak	0.00%
54		- Off Peak	0.00%
	South Maui RR		1.26%
	Kuʻia Solar AES Kuihelani Solar		1.07% 33.22%
	Unused		0.00%
	CBRE PV		0.00%
60			
	FIT		2.54%
	Subtotal Renewable % Total Purchased Energy %		100.00%
	Composite Cost of Purcha		100.00% N/A
	Composite Cost of Purcha		13.806
	COMPOSITE COST OF P		
	ENERGY, ¢/kWh		13.806
		0) + (38 x 51) + (39 x 52)	
	+ (40 x 53) + (41 x 54) + + (45 x 58) + (46 x 59)	- (42 x 55) + (43 x 56) + (44 x	57)
63	% Input to System kWh Mi		41.10%
	WEIGHTED COMPOSITE		111.1070
	COST, ¢/kWh (lines (62)	(63))	5.67427
65	BASE PURCHASED ENE	RGY	
	COMPOSITE COST, ¢/k		0.000
	Base % Input to Sys kWh		0.00
67	WEIGHTED BASE PURCI COST, ¢/kWh (lines (65)		0.00000
68	COST LESS BASE (lines	,,	5.67427
	Loss Factor	(0+ 01))	1.057
	Revenue Tax Req Multiplie	er	1.0975
	PURCHASED ENERGY F		6.58248
	(lines (68 x 69 x 70))		

<u>Line</u>	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, c/mmbtu	2158.50
	Month IFO	
78	IFO mmbtu, budget	145,699
79	IFO Cost, ¢/mmbtu	1,627.94
80	IFO ECRC Fossil Cost	\$2,371,887
81	IFO Base ECRC Recovery Target	\$2,334,801
82	IFO differential	\$37,086
	Month Diesel	
83	Diesel mmbtu, budget	406,201
84	Diesel Cost, ¢/mmbtu	2,044.41
85	Diesel ECRC Fossil Cost	\$8,304,405
86 87	Diesel Base ECRC Recovery Target Diesel differential	\$8,767,836 -\$463,431
88	Total Fossil	-\$426.346
89	2% of above	-\$420,346 -\$8,527
03	270 of above	-ψ0,327
90	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$32,595
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 96	Applicable Monthly Fossil Fuel Cost Risk Sharing Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	-\$8,527
96	Total Monthly Fossii Fuel Cost Risk Sharing, including This Month	-\$41,121
97	Fossil Cost Risk Sharing before taxes	-\$8,527
98	Revenue Tax Adjustment	1.097514
99	Fossil Cost Risk Sharing w/revenue tax	-\$9,358
100	Forecasted Month MWh Sales	84,591
101	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0111

	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	20.31159
110	ECR Reconciliation Adjustment	(0.013)
111	Non-Adjustable Component	0.0612
112	Fossil Fuel Cost Risk Sharing Component	0.0111
113	ECR FACTOR, ¢/kWh	20.371
	(lines (109 + 110 + 111 + 112))	
114	Baseline ECRC Component	24.296
115	Monthly Energy Cost Recovery Factor Less Baseline ECRC Component (Line 113 - Line 114)	(3.925)
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	(2.0421)
120	Overnight Time-of-Use Monthly Energy Cost Recovery Factor (Line 119 x 2)	(4.0842)
121	Evening Peak Time-of-Use Monthly Energy Cost Recovery Factor (Line 119 x 3)	(6.1263)
122	Composite (Line 116 x Line 119 + Line 117 x Line 120 + Line 118 x Line 121)	(3.925)

MAUI ELECTRIC COMPANY, LTD. MAUI DIVISION

Fuel Oil Inventory Prices for September 2024

TYPE OF OIL BURNED	PRICES \$/BBL	CONVERSION FACTORS	PRICES ¢/MBTU
INDUSTRIAL	102.5605	6.30 MBTU/BBL	1,627.94
DIESEL/ULSD	119.6995	5.85 MBTU/BBL	2,044.41

Maui Electric Company, Ltd. Maui Division

Month End Fuel Oil Estimate

<u>Kahului</u>	Barrels	MBTU	(\$)
8/20/2024	21,964.85	138,378.56	2,200,957.11
Estimated Use	9,922.55	62,512.06	969,644.01
Estimated Received	23,400.00	147,420.00	2,403,665.44
Estimated Additional	0.00	0.00	0.00
Estimated End	35,442.30	223,286.50	3,634,978.54
Next month's exp	ense (\$/bbl) =	\$ 102.5605	

04 000 50
84,098.52
63,726.12
44,128.40
0.00
64,500.81

Next month's expense (\$/bbl) = \$ 119.6995

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 30% 100%

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

On-peak, ϕ /kwh 10.571 Off-peak, ϕ /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 = $10.5710 \text{ } \text{¢/kwh} \times 0.7 + 22.000 \text{ } \text{¢/kwh} \times 0.3 = 14 \text{ } \text{¢/kwh}$ Off-Peak Rate = $9.323 \text{ } \text{¢/kwh} \times 0.7 + 22.000 \text{ } \text{¢/kwh} \times 0.3 = 13.126 \text{ } \text{¢/kwh}$

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

1. Amount to be Refunded	(\$29,000)
2. Monthly amount (1 / 3 X Line 1)	(\$9,667)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$10,610)
5. Estimated Sales (September 2024)	84,591 mwh
6. Adjustment (Line 4 ÷ Line 5)	(0.013) ¢/kwh

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

	(1) YTD FOA		(2) FOA Rec Adjust	(3) FOA Rec Less	(4) Try to	(5) Actual	(6) Month-end Cumulative
<u>Month</u>	Reconciliation	<u>Qtr</u>	<u>Variance</u>	<u>Variance</u>	<u>Collect</u>	<u>Collect</u>	<u>Balance</u>
December '2' January '22 February	(428,500)	(4)	(19,896)	(408,604)	(243,967) (243,967) 142,833	(253,989) (255,810) 139,468	224,074 (31,736) (300,872)
March April	(120,000)	(.)	(10,000)	(100,001)	142,833 142,833	163,965 157,268	(136,907) 20,361
May June July	1,081,500	(1)	5,924	1,075,576	(360,500) (360,500) (360,500)	(408,035) (403,811) (391,575)	687,902 284,091 (107,484)
August September October	243,600	(2)	(76,411)	320,011	(81,200) (81,200) (81,200)	(88,227) (91,938) (90,765)	124,300 32,362 (58,403)
November December January '23	238,800	(3)	(48,840)	287,640	(79,600) (79,600) (79,600)	(83,469) (81,834) (83,279)	145,768 63,934 (19,345)
February March April	653,600	(4)	(15,668)	669,268	(217,867) (217,867) (217,867)	(221,715) (225,886) (234,572)	428,208 202,322 (32,250)
May June July	(126,000)	(1)	(15,546)	(110,454)	42,000 42,000 42,000	44,399 44,093 43,306	(98,305) (54,212) (10,906)
August September October	1,435,900	(2)	(12,213)	1,448,113	(478,633) (478,633) (478,633)	(458,084) (442,113) (467,088)	979,123 537,010 69,922
November December January '24	2,234,900	(3)	58,375	2,176,525	(744,967) (744,967) (744,967)	(740,803) (728,815) (703,694)	1,505,644 776,829 73,135
February March April	792,200	(4)	31,861	760,339	(264,067) (264,067) (264,067)	(246,698) (248,818) (245,909)	586,776 337,958 92,049
May June July	723,100	(1)	73,891	649,209	(241,033) (241,033) (241,033)	(243,368) (238,821) (230,266)	497,890 259,069 28,803
August September	29,000	(2)	18,035	10,965	(9,667) (9,667)	, ,	
NOTES:							
Col(1):	Quarterly FOA r A positive numb					under-collec	tion.
Col(2):	A positive number is an over-collection. A negative number is an under-collection. 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 reconciliati	on gene s the ad	justment variai	nce. Col(1) - C	col(2)		
Col(4): Col(5): Col(6):	Amount that the FOA reconciliation adjustment is trying to collect. (Col(1) * 1/3) Actual collected amount. (recorded sales * \$/kwh adjustment/1.09751) 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			
		8/01/24 9/01/24		
Base Rates	effective date:	09/01/19	09/01/19	
Base Fuel/Energy Charge	¢/kWh	0.0000	0.0000	
Non-fuel Energy Charge				
First 350 kWhr per month	¢/kWh	12.1240	12.1240	
Next 850 kWhr per month	¢/kWh	14.3840	14.3840	
Customer Charge	\$	11.50	11.50	
Total Base Charges				
RBA Rate Adjustment	% of bill	15.95%	15.95%	
	excluding			
	ECRC			
PBF Surcharge	¢/kWh	0.7437	0.7437	
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	
Refund of 2018 Interim	% on Base	0.00	0.00	
Purchased Power Adjustment	¢/kWh	1.6538	1.6528	
Energy Cost Recovery	¢/kWh	20.099	20.371	
DSM Adjustment	¢/kWh	0.2132	0.2132	
Green Infrastructure Fee	\$	1.22	1.22	
Avg Residential Bill at 500 kwh				

01	- (A) -4 FO	0 1/l-					
Charge (\$) at 500 Kwh							
8/01/24	9/01/24	Difference					
0.00	0.00	0.00					
42.43	42.43	0.00					
21.58	21.58	0.00					
11.50	11.50	0.00					
75.51	75.51	0.00					
14.32	14.32	0.00					
3.72	3.72	0.00					
0.00	0.00	0.00					
0.00	0.00	0.00					
8.27	8.26	-0.01					
100.50	101.86	1.36					
1.07	1.07	0.00					
1.22	1.22	0.00					
204.61	205.96						

Increase (Decrease -) % Change

1.35 0.66%

Base Rates
Base Fuel/Energy Charge
Non-fuel Energy Charge
First 350 kWhr per month
Next 850 kWhr per month
Customer Charge
Total Base Charges
RBA Rate Adjustment
PBF Surcharge
Renewable Energy Infrastructure Cost
Recovery Provision
SolarSaver Adjustment
Refund of 2018 Interim
Purchased Power Adjustment
Energy Cost Recovery
DSM Adjustment
Green Infrastructure Fee

	Rate		
	8/01/24	9/01/24	
effective date:	09/01/19	09/01/19	
¢/kWh	0.0000	0.0000	
Ψ/KVVII	0.0000	0.0000	
¢/kWh	12.1240	12.1240	
¢/kWh	14.3840	14.3840	
\$	11.50	11.50	
% of bill excluding ECRC	15.95%	15.95%	
¢/kWh	0.7437	0.7437	
¢/kWh	0.0000	0.0000	
¢/kWh	0.0000	0.0000 0.00 1.6528 20.371 0.2132	
% on Base	0.00		
¢/kWh	1.6538		
¢/kWh	20.099		
¢/kWh	0.2132		
\$	1.22	1.22	

Charge (\$) at 600 Kwh			
8/01/24	9/01/24	Difference	
0.00	0.00	0.00	
42.43	42.43	0.00	
_			
35.96	35.96	0.00	
11.50	11.50	0.00	
89.89	89.89	0.00	
47.00	47.00	0.00	
17.03	17.03	0.00	
4.46	4.46	0.00	
0.00	0.00	0.00	
0.00	0.00	0.00	
0.00	0.00	0.00	
9.92	9.92	0.00	
120.59	122.23	1.64	
1.28	1.28	0.00	
1.22	1.22	0.00	
		_	
244.40	246.03]	

Increase (Decrease -) % Change

1.63 0.67%

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

FUEL FACTOR CENTS / KWH

	CENTS / KWH			
EEEEOT!! /E DATE	RESIDENTIAL &		IAL BILL (\$)	
EFFECTIVE DATE	COMMERCIAL	@ 500 KWH	@ 600 KWH	
January 1, 2020	16.751	168.57	201.30	
February 1, 2020	17.482	172.82	206.40	
March 1, 2020	17.800		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		188.40	
July 1, 2020	14.702		184.77	
August 1, 2020	13.780		178.68	
September 1, 2020 October 1, 2020	13.659 13.390		177.94 176.34	
November 1, 2020	13.830		179.61	
December 1, 2020	14.923		186.17	
	44.007	450.04	100.10	
January 1, 2021	14.967	156.21	186.48	
February 1, 2021	14.338		183.04	
March 1, 2021	16.168		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		215.12	
December 1, 2021	17.109		203.66	
December 1, 2021	17.103	170.02	200.00	
January 1, 2022	20.790	193.72	231.49	
February 1, 2022	20.593	192.83	230.42	
March 1, 2022	22.118		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		276.00	
July 1, 2022	27.953		273.87	
August 1, 2022	30.202		286.38	
September 1, 2022	27.993		273.06	
October 1, 2022	28.147	229.16	274.04	
	24.488			
November 1, 2022			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		259.42	
April 1, 2023	24.536		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		243.46	
October 1, 2023	24.296		253.26	
November 1, 2023	25.685		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		249.67	
May 1, 2024	23.867	214.71	256.54	
June 1, 2024	20.909		250.49	
July 1, 2024	20.389		247.57	
August 1, 2024	20.099		244.40	
September 1, 2024	20.371	205.96	246.03	
20ptombol 1, 2024	20.071	200.00	240.00	

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE		RATE
	IRP RECOVERY REFUND RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION		
06/01/19	FINAL RATE INCREASE (3.74%), DOCKET NO. 2017-0150	2018 TES	ST YEAR)
05/01/20 - 03/31/21	SOLARSAVER ADJUSTMENT REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.0000	CENTS/KWH
06/01/20 - 05/31/21	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.3383	CENTS/KWH
	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH CENTS/KWH
01/01/20 - 01/31/21	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT		CENTS/KWH
01/01/21 - 06/30/21	GREEN INFRASTRUCTURE FEE	1.25	DOLLARS/MONTH
02/01/21	RESID. DSM ADJUSTMENT		CENTS/KWH
02/01/21 - 02/28/21	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT	-0.0042	CENTS/KWH CENTS/KWH
04/01/21 - 04/30/21	PURCHASED POWER ADJUSTMENT	-0.0044	CENTS/KWH
	SOLARSAVER ADJUSTMENT		CENTS/KWH
	RESID. DSM ADJUSTMENT		CENTS/KWH CENTS/KWH
05/01/21 - 05/31/21	SOLARSAVER ADJUSTMENT PURCHASED POWER ADJUSTMENT	0.2109	CENTS/KWH
06/01/21 - 06/30/21	PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT REVENUE BALANCING ACCOUNT RATE ADJUSTMENT GREEN INFRASTRUCTURE FEE	0.2076	CENTS/KWH
6/1/2021 - 12/31/21	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.0242	CENTS/KWH DOLLARS/MONTH
07/01/21 - 06/30/22	GREEN INFRASTRUCTURE FEE RESID. PBF SURCHARGE ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT RESID. DSM ADJUSTMENT REVENUE BALANCING ACCOUNT RATE 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		CENTS/KWH
08/01/21 - 10/31/21	RESID. DSM ADJUSTMENT PLIPCHASED POWER AD ILISTMENT		CENTS/KWH 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	0.0006	CENTS/KWH 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	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT GREEN INFRASTRUCTURE FEE PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT SOLARSAVER ADJUSTMENT PURCHASED POWER ADJUSTMENT SOLARSAVER ADJUSTMENT SOLARSAVER ADJUSTMENT SOLARSAVER ADJUSTMENT PURCHASED POWER ADJUSTMENT SOLARSAVER ADJUSTMENT PURCHASED POWER AD JUSTMENT	-0.0009	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	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
06/01/22 - 06/30/22	PURCHASED POWER ADJUSTMENT	0.4226	CENTS/KWH
07/01/22 - 12/31/22	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
09/01/22 - 09/30/22	PURCHASED POWER ADJUSTMENT	-0.0862	CENTS/KWH
10/01/22 - 10/31/22	PURCHASED POWER ADJUSTMENT RESID. PBF SURCHASED ADJUSTMENT GREEN INFRASTRUCTURE FEE PURCHASED POWER ADJUSTMENT	-0.0772	CENTS/KWH
11/01/22 - 01/31/23	RESID. DSM ADJUSTMENT	-0.0584	CENTS/KWH
12/01/22 - 12/31/22	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT PURCHASED POWER ADJUSTMENT REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	-0.0177	CENTS/KWH
01/01/23 - 01/31/23	PURCHASED POWER ADJUSTMENT	-0.0120	CENTS/KWH
0 1/0 1/23 - 03/3 1/23	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9040	CENTS/KWH
01/01/23 - 06/30/23	GREEN INFRASTRUCTURE FEE RESID. DSM ADJUSTMENT	1.23	DOLLARS/MONTH CENTS/KWH
	PURCHASED POWER ADJUSTMENT		CENTS/KWH
03/01/23 - 03/31/23	PURCHASED POWER AD JUSTMENT	0.0096	CENTS/KWH
04/01/23 - 04/30/23	PURCHASED POWER ADJUSTMENT SOLARSAVER ADJUSTMENT		CENTS/KWH CENTS/KWH
			CENTS/KWH
05/01/23 - 07/31/23	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT	0.0395	CENTS/KWH
05/01/23 - 05/31/23	PURCHASED POWER ADJUSTMENT		CENTS/KWH
	PURCHASED POWER ADJUSTMENT REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH PERCENT OF ALL
00/01/20 - 12/01/20	NEVENUE BALANOINO AGGGONT TOTTE AGGGOTMENT		RATE SCHEDULE
			CHARGES,
			EXCLUDING ECRC and RBA
07/01/23 - 06/30/24	RESID. PBF SURCHARGE ADJUSTMENT	0.7195	CENTS/KWH
07/01/23 - 12/31/23	GREEN INFRASTRUCTURE FEE	1.18	DULLARS/MUNTH
07/01/23 - 07/31/23	PURCHASED POWER ADJUSTMENT RESID. DSM ADJUSTMENT		CENTS/KWH CENTS/KWH
	PURCHASED POWER ADJUSTMENT		CENTS/KWH
09/01/23 - 09/30/23	PURCHASED POWER ADJUSTMENT		CENTS/KWH
10/01/23 - 10/31/23	PURCHASED POWER ADJUSTMENT		CENTS/KWH
11/01/23 - 01/31/24 11/01/23 - 11/30/23	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT		CENTS/KWH CENTS/KWH
12/01/23 - 12/31/23	PURCHASED POWER ADJUSTMENT		CENTS/KWH
01/01/24 - 01/31/24	PURCHASED POWER ADJUSTMENT		CENTS/KWH
01/01/24 - 05/31/24	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		PERCENT OF ALL RATE SCHEDULE
			CHARGES,
			EXCLUDING ECRC
	00550 W50 4070 W57 W55 5		and RBA
01/01/24 - 06/30/24 02/01/24 - 04/30/24	GREEN INFRASTRUCTURE FEE RESID. DSM ADJUSTMENT		DOLLARS/MONTH CENTS/KWH
02/01/24 - 02/29/24	PURCHASED POWER ADJUSTMENT		CENTS/KWH
03/01/24 - 03/31/24	PURCHASED POWER ADJUSTMENT	-0.4931	CENTS/KWH
	PURCHASED POWER ADJUSTMENT		CENTS/KWH
	RESID. DSM ADJUSTMENT PURCHASED POWER ADJUSTMENT		CENTS/KWH CENTS/KWH
	PURCHASED POWER ADJUSTMENT	1 6220	CENTS/KWH
06/01/24	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	15.95%	PERCENT OF ALL
			RATE SCHEDULE CHARGES.
			EXCLUDING ECRC
07/01/24	RESID. PBF SURCHARGE ADJUSTMENT	0.7437	CENTS/KWH
07/01/24	GREEN INFRASTRUCTURE FEE		DOLLARS/MONTH
07/01/24 - 07/31/24 08/01/24	PURCHASED POWER ADJUSTMENT RESID. DSM ADJUSTMENT		CENTS/KWH CENTS/KWH
	PURCHASED POWER ADJUSTMENT		CENTS/KWH
	PURCHASED POWER ADJUSTMENT		CENTS/KWH

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

