



April 27, 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: Maui Electric Energy Cost Recovery Factor for May 2022

Maui Electric Company, Limited's ("Maui Electric" or "Company") May 2022 Energy Cost Recovery factor for our Maui Division is 26.433 cents per kilowatt-hour ("kWh"), an increase of 1.950 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$223.53, an increase of \$11.41 compared to rates effective April 1, 2022. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$9.75), increase in Purchase Power Adjustment (+\$2.15) and termination of the SolarSaver Adjustment credit (+\$0.16), partially offset by the decline in the residential DSM Adjustment (-\$0.65).

The Company's Maui Division fuel composite cost of generation, central station and other increased 311.560 cents per million BTU to 2,391.54 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy increased 0.092 cents per kWh to 20.140 cents per kWh.

The Energy Cost Recovery factor for our Lāna'i Division for May 2022 is 37.529 cents per kWh, an increase of 4.188 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$226.35, an increase of \$16.89 compared to rates effective April 1, 2022. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$16.76) and termination of the SolarSaver Adjustment credit (+\$0.13).

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 396.80 cents per million BTU to 3,268.84 cents per million BTU. The composite cost DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 30.00 cents per kWh.

The Energy Cost Recovery factor for our Moloka'i Division for May 2022 is 30.431 cents per kWh, an increase of 5.238 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$205.10, an increase of \$21.08 compared to rates effective April 1, 2022. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery (+\$20.95) and termination of the SolarSaver Adjustment credit (+\$0.13).

The Honorable Chair and Members
of the Hawai'i Public Utilities Commission
April 27, 2022
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The Company's Moloka'i Division fuel composite cost of generation, central station and other increased 444.95 cents per million BTU to 2,527.82 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 is applicable for pro rata use beginning May 1, 2022.

Sincerely,

/s/ Dean K. Matsuura
Dean K. Matsuura
Director, Regulatory Rate Proceedings
Hawaiian Electric Company, Inc.

Attachments

cc: Division of Consumer Advocacy

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

ENERGY COST RECOVERY FACTOR

	EFFECTIVE DATES		
	<u>04/01/2022</u>	<u>05/01/2022</u>	<u>Change</u>
<u>COMPOSITE COSTS</u>			
Generation, Central Station & Other, ¢/mbtu	2,872.04	3,268.84	396.80
DG Energy, ¢/kWh	0.00	0.00	0.00
Purchased Energy, ¢/kWh	30.00	30.00	0.00
<u>Residential Schedule "R"</u>			
Energy Cost Recovery, ¢/kWh	33.341	37.529	4.188
<u>Others - "G,J,P,F"</u>			
Energy Cost Recovery, ¢/kWh	33.341	37.529	4.188
<u>Residential Customer with</u>			
400 KWH Consumption, \$/Bill	209.46	226.35	16.89
500 KWH Consumption, \$/Bill	260.21	281.31	21.10

Supersedes Sheet Effective: 04/01/2022

MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION

ENERGY COST RECOVERY (ECR) FILING

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

Line

1 Effective Date May 1, 2022
2 Supercedes Factors of April 1, 2022

GENERATION COMPONENT

CENTRAL STATION						DG ENERGY COMPONENT	
FUEL PRICES, ¢/mmbtu							
3	Industrial						0.00
4	Diesel - Miki Basin						3,268.84
5							
6	Other						0.00
BTU MIX, %							
7	Industrial						0.00%
8	Diesel - Miki Basin						100.00%
9							
10	Other						0.00%
							100.00%
11	COMPOSITE COST OF GENERATION, CENTRAL STATION + OTHER ¢/mmbtu (Lines (3 x 7) + (4 x 8) + (5 x 9) + (6 x 10))						3,268.84
12	% Input to System kWh Mix						95.80%
EFFICIENCY FACTOR, mmbtu/kWh							
	(A)	(B)	(C)	(D)			
			Percent of				
	Fuel Type	Eff Factor	Centrl Stn +	Weighted			
		mmbtu/kWh	Other	Eff Factor			
13	Industrial	0.000000	0.00	0.000000			
14	Diesel	0.010809	100.00	0.010809			
15	Other	0.010809	0.00	0.000000			
	(Lines 13, 14, 15): Col(B) x Col(C) = Col(D)						
16	Weighted Efficiency Factor, mmbtu/kWh [(lines 13(D) + 14(D) + 15(D))]						0.010809
17	WEIGHTED COMPOSITE CENTRAL STATION + OTHER GEN COST, ¢/kWh (lines (11 x 12 x 16))						33.84891
18	BASE CENTRAL STATION + OTHER GENERATION COST, ¢/mmbtu						-
19	Base % Input to Sys kWh Mix						0.00%
20	Efficiency Factor, mmbtu/kWh						0.010809
21	WEIGHTED BASE CENTRAL STATION + OTHER GENERATION COST ¢/kWh (lines (18 x 19 x 20))						-
22	COST LESS BASE (line(17 - 21))						33.84891
23	Revenue Tax Req Multiplier						1.0975
24	CENTRAL STATION + OTHER GENERATION FACTOR, ¢/kWh (line (22 x 23))						37.14918
SUMMARY OF							
TOTAL GENERATION FACTOR, ¢/kWh							
35	CNTRL STN + OTHER (line 24)						37.14918
36	DG (line 34)						-
37	TOTAL GENERATION FACTOR, ¢/kWh (lines 35 + 36)						37.14918

MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION

ENERGY COST RECOVERY (ECR) FILING

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

Line

1 Effective Date May 1, 2022
2 Supercedes Factors of April 1, 2022

<u>Line</u>	<u>PURCHASED ENERGY COMPONENT</u>	
	PURCHASED ENERGY PRICE, ¢/kWh - FOSSIL	
	PURCHASED ENERGY PRICE, ¢/kWh - RENEWABLE	
38	LANAI SOLAR RESEARCH - On Peak	30.000
39	- Off Peak	30.000
40	Sch Q	0.000
	PURCHASED ENERGY KWH MIX, %, FOSSIL	
	PURCHASED ENERGY KWH MIX, %, RENEWABLE	
41	LANAI SOLAR RESEARCH - On Peak	100.00%
42	- Off Peak	0.00%
43	Sch Q	0.00%
43A	Total Fossil %	0.00%
43B	Total Renewable %	100.00%
43C	Comp. cost of purch. energy, fossil ¢/kWh	N/A
43D	Comp. cost of purch. energy, renewable ¢/kWh	30.00
44	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (38 x 41) + (39 x 42) + (40 x 43))	30.000
45	% Input to System kWh Mix	4.20%
46	WEIGHTED COMP. PURCH. ENERGY COST, ¢/kWh (lines (44 x 45))	1.26000
47	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000
48	Base % Input to Sys kWh Mix	0.00
49	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (lines (47 x 48))	0.00000
50	COST LESS BASE (lines (46 - 49))	1.26000
51	Loss Factor	1.050
52	Revenue Tax Req Multiplier	1.0975
53	PURCHASED ENERGY FACTOR, ¢/kWh (lines (50 x 51 x 52))	1.45199

Calculation of Monthly Fossil Fuel Cost Risk Sharing Component

<u>Baseline Diesel</u>		
54	Diesel \$, baseline month	\$708,879
55	Diesel mmbtu, baseline	29,161
56	Baseline Diesel, ¢/mmbtu	2,430.88
<u>Month Diesel</u>		
57	Diesel mmbtu, budget	28,972
58	Diesel Cost, ¢/mmbtu	3,268.84
59	Diesel ECRC Fossil Cost	\$947,041
60	Diesel Base ECRC Recovery Target	\$704,270
61	Diesel differential	\$242,771
62	Total Fossil	\$242,771
63	2% of above	\$4,855
64	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$4,501
65	Maximum Annual Cap (bi-directional)	\$31,500
66	Number of Days in year from implementation	365
67	Fossil Risk % Proration (based on 365 day year)	100.00%
68	Maximum Annual Cap (bi-directional) prorated	\$31,500
69	Applicable Monthly Fossil Fuel Cost Risk Sharing	\$4,855
70	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$9,357
71	Fossil Cost Risk Sharing before taxes	\$4,855
72	Revenue Tax Adjustment	1.097514
73	Fossil Cost Risk Sharing w/revenue tax	\$5,329
74	Forecasted Month MWh Sales	2,836
75	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	-0.1879

Line SYSTEM COMPOSITE CALCULATIONS

76	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (lines (37 + 53))	38.60117
77	Adjustment, ¢/kWh	0.000
78	Fossil Fuel Cost Risk Sharing Component	(0.188)
79	ECR Reconciliation Adjustment	(0.884)
80	ECR FACTOR, ¢/kWh (lines (76 + 77 + 78 + 79))	37.529

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

MONTH END FUEL OIL ESTIMATE

<u>Miki Basin - ULSD</u>	<u>Barrels</u>	<u>MBTU</u>	<u>\$</u>
4/20/2022	<u>3,759.21</u>	<u>21,540.28</u>	<u>659,641.10</u>
Estimated Use	1,712.86	9,814.69	281,881.76
Estimated Received	1,285.71	7,367.12	231,250.89
Estimated Additional	<u>1,724.13</u>	<u>9,879.29</u>	<u>338,036.70</u>
Estimated End	5,056.19	28,972.00	947,046.93

Next Month's Combined Miki Expense (\$/bbl) = \$ 187.3045 /bbl

FUEL OIL INVENTORY PRICE USED FOR FILING

<u>Type of Oil Burned</u>	<u>Price</u>	<u>Conversion Factor</u>	<u>Prices ¢/MBTU</u>
Diesel - Miki Basin	\$ 187.3045	5.73 BTU/BBL	3,268.84

MAUI ELECTRIC COMPANY, LTD.
Lanai Division
ECR Reconciliation Adjustment

May 2022

1. Amount to be refunded	(\$68,500)
2. Monthly amount (1 / 3 X Line 1)	(\$22,833)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$25,060)
5. Estimated Sales (May 2022)	2,836 mwh
6. Adjustment (Line 4 ÷ Line 5)	-0.884 ¢/kwh

**MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION
2022 FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY
(Thousand \$)**

<u>Line</u>	Without Deadband 1st Quarter <u>YTD Total</u>	collection by <u>company*</u>	Basis for Recon With Deadband 1st Quarter <u>YTD Total</u>	collection by <u>company*</u>
ACTUAL COSTS:				
1	Generation	\$2,184.8	\$2,184.8	
2	Distributed Generation	\$0.0	\$0.0	
3	Purch Power	<u>-\$13.6</u>	<u>-\$13.6</u>	
4	TOTAL	\$2,171.2	\$2,171.2	
FUEL FILING COST				
5	Generation	\$2,243.8	\$2,233.4	
6	Distributed Generation	\$0.0	\$0.0	
7	Purch Power	<u>-\$13.6</u>	<u>-\$13.6</u>	
8	TOTAL	\$2,230.2	\$2,219.8	
BASE FUEL COST				
9	Generation	\$0.0	\$0.0	
10	Distributed Generation	\$0.0	\$0.0	
11	Purch Power	<u>\$0.0</u>	<u>\$0.0</u>	
12	TOTAL	\$0.0	\$0.0	
13	FUEL-BASE COST (Line 8-12)	\$2,230.2	\$2,219.8	
14	ACTUAL FOA LESS TAX	\$2,227.4	\$2,227.4	
15	FOA reconciliation adj for prior year	<u>-\$59.4</u>	<u>-\$59.4</u>	
16	ADJUSTED FOA LESS TAX	\$2,286.8	\$2,286.8	
17	FOA-(FUEL-BASE) (Line 16-13)	\$56.6 Over	\$67.0 Over	
ADJUSTMENTS				
18	Current year FOA accrual reversal	\$0.0	\$0.0	
19	Other prior year FOA	\$0.0	\$0.0	
20	Other	<u>\$0.0</u>	<u>\$0.0</u>	
21	1st QUARTER FOA RECONCILIATION (Lines 17+18+19+20)	\$56.6 Over	\$67.0 Over	
21A	YTD Fossil Fuel Cost Risk Sharing Adjustment	<u>\$1.5</u>	<u>\$1.5</u>	
21B	Quarterly FOA Recon w/Fossil Risk Adj (Line 21 + Line 21A)	<u><u>\$58.1</u></u>	<u><u>\$68.5</u></u>	
22	2021 FOA Reconciliation Recognized in FOA Rates		<u>\$0.0</u>	
23	FOA Reconciliation to be Refunded May 2022 to July 2022 (Line 22- 21B)		<u><u>-\$68.5</u></u>	Refunded

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

**MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION
DEADBAND CALCULATION**

Determination of Efficiency Factor to use for Cost-Recovery Purposes

Period: January 1, 2022 Through March 31, 2022

	<u>Notes</u>	<u>YTD</u>
<u>Diesel</u>		
Diesel Efficiency Factor, BTU/kWh	f	10,809
Diesel Deadband Definition, +/- BTU/kWh	d	50
Diesel Portion of Recorded Sales, MWh	a	8,215
Diesel Consumption (Recorded), MMBTU	b	86,471
Diesel Efficiency Factor (Recorded), BTU/kWh	c = (b/a)*1000	10,526
Lower limit of Diesel Deadband, BTU/kWh	e = f-d	10,759
Higher limit of Diesel Deadband, BTU/kWh	g = f+d	10,859
Diesel Efficiency Factor for cost-recovery, BTU/kWh	h = c, e, or g	10,759

MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION
GENERATION FUEL FILING COST AND GENERATION BASE FUEL COST, WITHOUT and WITH DEADBAND
2022

	Without Deadband	With Deadband AS FILED
	<u>Jan 1 - Mar 31</u>	<u>Jan 1 - Mar 31</u>
Diesel Portion of Recorded Sales, MWH	8,215	8,215
Diesel Sales Efficiency Factor (mmbtu/kwh)	0.010809	0.010759
Mmbtu adjusted for Sales Efficiency Factor	88,794	88,383
\$/mmbtu	<u>\$25,2699</u>	<u>\$25,2699</u>
TOTAL DIESEL \$000s TO BE RECOVERED	\$2,243.8	\$2,233.4
TOTAL GENERATION FUEL FILING COST, \$000s	\$2,243.8	\$2,233.4
TOTAL GENERATION BASE FUEL COST , \$000s	\$0.0	\$0.0
TOTAL GENERATION FUEL FILING COST, \$000s YTD	\$2,243.8	\$2,233.4
TOTAL GENERATION BASE FUEL COST, \$000s YTD	\$0.0	\$0.0

Fossil Fuel Cost Risk Sharing Mechanism, March 2022, Lanai

Jan-22, Baseline YTD Subject to Fossil Risk

Diesel Fossil Fuel Cost Risk Sharing			
AA	MMBtu	29,161	86,471
BB	\$ cost, actuals	\$708,879	\$2,184,810
CC = BB / AA (Baseline Column)	Jan 2022 baseline \$/mmbtu	24.3088441	24.3088441
DD	Diesel Gen kWh		8,595,958
EE	Total kWh, Gen, Purch Pwr, DG		8,706,736
FF	Sales kWh		8,320,565
GG = (DD / EE) x FF	Diesel kWh-sales		8,214,700
HH	Target Heat Rate		10,809
II1	Upper limit w/deadband		10,859
II2	Lower limit w/deadband		10,759
II3	Calculated Heat Rate (YTD subject to fossil risk, before deadband)		10,526
II	Recovery Heat Rate (YTD subject to fossil risk, after deadband)		10,759
JJ = BB/AA (YTD Column)	Actual Cost \$/MMbtu		25,2664138
KK = CC x HH x GG / 1,000,000	Base Cost Recovery w/Target Heat Rate		\$2,158,448
LL = II x JJ x GG / 1,000,000	Fuel Filing Cost Recovery		\$2,233,095
MM = 2% x (LL-KK)	Diesel Cost Risk Sharing		\$1,493
NN	Annual Cap (non-prorated)		\$31,500
OO	# Days		365
PP	Annual Cap (pro-rated)		\$31,500
QQ = MM, up to cap	Total Fossil Fuel Cost Risk Sharing Adjustment, subject to ±\$31500 cap		\$1,493

**MAUI ELECTRIC COMPANY, LTD.
LANAI DIVISION
2022 Cumulative Reconciliation Balance**

<u>Month</u>	(1) <u>YTD FOA Reconciliation</u>	<u>Qtr</u>	(2) <u>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 '20					(28,400)	(28,503)	32,466
January '21					(28,400)	(25,647)	6,819
February	70,000	(4)	4,076	65,924	(23,333)	(20,929)	51,814
March					(23,333)	(21,960)	29,854
April					(23,333)	(21,452)	8,402
May	80,200	(1)	6,530	73,670	(26,733)	(25,485)	56,587
June					(26,733)	(25,141)	31,446
July					(26,733)	(25,403)	6,043
August	69,700	(2)	4,721	64,979	(23,233)	(22,228)	48,794
September					(23,233)	(20,522)	28,272
October					(23,233)	(21,136)	7,136
November	67,100	(3)	5,046	62,054	(22,367)	(20,580)	48,610
December					(22,367)	(20,800)	27,810
January '22					(22,367)	(20,722)	7,088
February	55,600	(4)	5,451	50,149	(18,533)	(16,329)	40,908
March					(18,533)	(18,196)	22,712
April					(18,533)		
May	68,500	(1)	4,186	64,314	(22,833)		

NOTES:

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 13)
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.
Lanai Division
Calculations of the Average Residential Customer Bill**

	Rate		Charge (\$) at 400 Kwh		
	04/01/22	05/01/22	04/01/22	05/01/22	Difference
Base Rates	effective date: 09/01/19	09/01/19			
Base Fuel/Energy Charge	¢/kWh 0.0000	0.0000	0.00	0.00	0.00
Non-fuel Energy Charge					
First 250 kWhr per month	¢/kWh 12.3123	12.3123	30.78	30.78	0.00
Next 500 kWhr per month	¢/kWh 14.8123	14.8123	22.22	22.22	0.00
Customer Charge	\$ 11.50	11.50	11.50	11.50	0.00
Total Base Charges			64.50	64.50	0.00
IRP Refund	% on base 0.0000	0.0000	0.00	0.00	0.00
Revenue Balancing Rate Adjustment	¢/kWh 1.9714	1.9714	7.89	7.89	0.00
PBF Surcharge	¢/kWh 0.6478	0.6478	2.59	2.59	0.00
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh 0.0000	0.0000	0.00	0.00	0.00
SolarSaver Adjustment	¢/kWh -0.0315	0.0000	-0.13	0.00	0.13
Energy Cost Recovery	¢/kWh 33.341	37.529	133.36	150.12	16.76
Green Infrastructure Fee	\$ 1.25	1.25	1.25	1.25	0.00
Avg Residential Bill at 400 kwh			209.46	226.35	

Increase (Decrease -)	16.89
% Change	8.06%

	Rate		Charge (\$) at 500 Kwh		
	04/01/22	05/01/22	04/01/22	05/01/22	Difference
Base Rates	effective date: 09/01/19	09/01/19			
Base Fuel/Energy Charge	¢/kWh 0.0000	0.0000	0.00	0.00	0.00
Non-fuel Energy Charge					
First 250 kWhr per month	¢/kWh 12.3123	12.3123	30.78	30.78	0.00
Next 500 kWhr per month	¢/kWh 14.8123	14.8123	37.03	37.03	0.00
Customer Charge	\$ 11.50	11.50	11.50	11.50	0.00
Total Base Charges			79.31	79.31	0.00
IRP Refund	% on base 0.0000	0.0000	0.00	0.00	0.00
Revenue Balancing Rate Adjustment	¢/kWh 1.9714	1.9714	9.86	9.86	0.00
PBF Surcharge	¢/kWh 0.6478	0.6478	3.24	3.24	0.00
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh 0.0000	0.0000	0.00	0.00	0.00
SolarSaver Adjustment	¢/kWh -0.0315	0.0000	-0.16	0.00	0.16
Energy Cost Recovery	¢/kWh 33.341	37.529	166.71	187.65	20.94
Green Infrastructure Fee	\$ 1.25	1.25	1.25	1.25	0.00
Avg Residential Bill at 500 kwh			260.21	281.31	

Increase (Decrease -)	21.10
% Change	8.11%

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

<u>EFFECTIVE DATE</u>	<u>FUEL FACTOR</u> <u>CENTS / KWH</u>		
	<u>RESIDENTIAL & COMMERCIAL</u>	<u>RESIDENTIAL BILL (\$)</u> <u>@ 400 KWH</u>	<u>@ 500 KWH</u>
January 1, 2020	25.369	173.69	215.49
February 1, 2020	24.109	168.65	209.19
March 1, 2020	23.379	165.73	205.54
April 1, 2020	19.794	151.15	187.31
May 1, 2020	18.958	148.04	183.43
June 1, 2020	15.429	131.79	163.12
July 1, 2020	16.335	134.73	166.81
August 1, 2020	17.755	140.41	173.91
September 1, 2020	18.135	141.93	175.81
October 1, 2020	18.076	141.69	175.51
November 1, 2020	17.881	140.91	174.54
December 1, 2020	17.874	140.89	174.50
January 1, 2021	19.498	147.44	182.68
February 1, 2021	20.640	152.01	188.39
March 1, 2021	22.103	157.86	195.71
April 1, 2021	24.018	165.34	205.06
May 1, 2021	24.354	166.87	206.96
June 1, 2021	23.796	167.38	207.60
July 1, 2021	24.680	171.10	212.26
August 1, 2021	25.269	173.46	215.21
September 1, 2021	25.345	173.76	215.59
October 1, 2021	24.342	169.75	210.57
November 1, 2021	29.191	189.14	234.82
December 1, 2021	29.254	189.40	235.13
January 1, 2022	28.241	189.19	234.87
February 1, 2022	28.361	189.67	235.47
March 1, 2022	31.445	202.01	250.89
April 1, 2022	33.341	209.46	260.21
May 1, 2022	37.529	226.35	281.31

**MAUI ELECTRIC COMPANY, LTD. -- Lanai 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)	
06/01/19 - 06/30/19	REFUND OF INTERIM RATE INCREASE 2018 TEST YEAR	-2.03 PERCENT ON BASE
06/01/19 - 05/31/20	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.8716 CENTS/KWH
07/01/19 - 12/31/19	RESID. PBF SURCHARGE ADJUSTMENT	0.4775 CENTS/KWH
07/01/19 - 12/31/19	GREEN INFRASTRUCTURE FEE	1.17 DOLLARS/MONTH
01/01/20 - 06/30/20	RESID. PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
01/01/20 - 06/30/20	GREEN INFRASTRUCTURE FEE	1.2500 DOLLARS/MONTH
04/01/20 - 04/30/20	SOLARSAVER ADJUSTMENT	-0.0592 CENTS/KWH
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
07/01/20 - 12/31/20	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
01/01/21 - 06/30/21	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
04/01/21 - 04/30/21	SOLARSAVER ADJUSTMENT	-0.0445 CENTS/KWH
05/01/21 - 03/31/22	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/21 - 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	RESID. PBF SURCHARGE ADJUSTMENT	0.6478 CENTS/KWH
01/01/22	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.9714 CENTS/KWH
01/01/22	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
04/01/22 - 04/30/22	SOLARSAVER ADJUSTMENT	-0.0315 CENTS/KWH
05/01/22	SOLARSAVER ADJUSTMENT	0.0000 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.