

August 29, 2023

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 2023

Maui Electric Company, Limited's ("Maui Electric" or "Company") September 2023 Energy Cost Recovery factor for our Maui Division is 22.664 cents per kilowatt-hour ("kWh"), an increase of 0.682 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$203.77, an increase of \$3.39 compared to rates effective August 1, 2023. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$3.41) partially offset by the decrease in the impact of the RBA Rate Adjustment (-\$0.01) and the decrease in the Purchase Power Adjustment (-\$0.01).

The Company's Maui Division fuel composite cost of generation, central station and other increased 59.170 cents per million BTU to 1,908.74 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 0.260 cents per kWh to 20.214 cents per kWh.

The Energy Cost Recovery factor for our Lāna'i Division for September 2023 is 32.757 cents per kWh, an increase of 4.765 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$207.73, an increase of \$19.06 compared to rates effective August 1, 2023. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor.

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 424.69 cents per million BTU to 2, 921.39 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 September 2023 is 27.414 cents per kWh, an increase of 2.680 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$194.36, an increase of \$10.72 compared to rates effective August 1, 2023. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor.

The Honorable Chair and Members of the Hawai'i Public Utilities Commission August 29, 2023 Page 2

The Company's Moloka'i Division fuel composite cost of generation, central station and other increased 228.08 cents per million BTU to 2,292.12 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 September 1, 2023.

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. MOLOKAI DIVISION

#### **ENERGY COST RECOVERY FACTOR**

	EFFECTIVE DATES		
	<u>8/01/2023</u>	9/01/2023	<u>Change</u>
COMPOSITE COSTS	2.004.04	2 202 42	220.00
Generation, Central Station & Other, ¢/mbtu DG Energy, ¢/kWh	2,064.04 0.00	2,292.12 0.00	228.08 0.00
Purchased Energy, ¢/kWh	21.80	21.80	0.00
r dichased Elicigy, 6/kwiii	21.00	21.00	0.00
Residential Schedule "R"			
Energy Cost Recovery, ¢/kWh	24.734	27.414	2.680
Others - "G,J,P,F"			
Energy Cost Recovery, ¢/kWh	24.734	27,414	2.680
<b>37</b>			
Residential Customer with			
400 KWH Consumption, \$/Bill	183.64	194.36	10.72
500 KWH Consumption, \$/Bill	227.86	241.26	13.40
400 KWH Consumption, \$/Bill			

Supersedes Sheet Effective: 8/01/2023

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

ENERGY COST RECOVERY (ECR) FILING - September 1, 2023 (page 1 of 2)

Line 1 Effective Date September 1, 2023 2 Supercedes Factors August 1, 2023

#### **GENERATION COMPONENT**

	CENTRAL STATION		1
	CENTRAL STATION FUEL PRICES, ¢/mmbtu		
3	Industrial	0.00	
_	Diesel	2.292.12	
5	Other	0.00	
	BTU MIX, %		DG ENERGY COMPONENT
_	Industrial	0.00	23 COMPOSITE COST OF DG
	Diesel	100.00	ENERGY, ¢/kWh 0.000
8	Other	0.00	24 % Input to System kWh Mix 0.00
		100.00	25 WEIGHTED COMPOSITE DG ENERGY COST.
q	COMPOSITE COST OF GENERATION,		¢/kWh (Lines 23 x 24) 0.00000
	CENTRAL STATION + OTHER ¢/mmbtu	2,292.12	\$/KWII (LINGS 20 X 24) 0.00000
	(Lines $(3 \times 6) + (4 \times 7) + (5 \times 8)$ )	_,	
10	% Input to System kWh Mix	99.98	26 BASE DG ENERGY COMP COST 0.000
	. ,		27 Base % Input to System kWh Mix 0.00
	EFFICIENCY FACTOR, mmbtu/kWh		28 WEIGHTED BASE DG ENERGY COST,
	(A) (B) (C)	(D)	¢/kWh (Line 26 x 27) 0.00000
	Percent of		
	Eff Factor Centrl Stn +	Weighted	29 Cost Less Base (Line 25 - 28) 0.00000
11	Fuel Type mmbtu/kwh Other Industrial 0.000000 0.00	Eff Factor 0.000000	30 Loss Factor 1.098 31 Revenue Tax Req Multiplier 1.0975
12		0.000000	32 DG FACTOR,
13		0.000000	¢/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)]	0.011127	
15	WEIGHTED COMPOSITE CENTRAL STATION	+	
	OTHER GENERATION COST, ¢/kWh	05 50007	
	(lines (9 x 10 x 14))	25.50007	
16	BASE CENTRAL STATION + OTHER		
	GENERATION COST, ¢/mmbtu	0.00	
17	, .	0.00	
	Input to Sys		
	kWh Mix		
	Efficiency Factor, mmbtu/kwh	0.011127	
19	WEIGHTED BASE CENTRAL STATION + OTHI	ER	
	GENERATION COST ¢/kWh	0.00000	
	(lines (16 x 17 x 18))	0.00000	SUMMARY OF
20	COST LESS BASE (line(15 - 19))	25.50007	TOTAL GENERATION FACTOR, ¢/kWh
	Revenue Tax Reg Multiplier	1.0975	33 CNTRL STN + OTHER (line 22) 27.98633
	CENTRAL STATION + OTHER GENERATION		34 DG (line 32) 0.00000
	FACTOR, ¢/kWh (line (20 x 21))	27.98633	35 TOTAL GENERATION FACTOR,
	· · · · · · · · · · · · · · · · · · ·		¢/kWh (lines 33 + 34) 27.98633

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

ENERGY COST RECOVERY (ECR) FILING - September 1, 2023 (page 2 of 2)

Line
1 Effective Date
2 Supercedes Factors September 1, 2023 August 1, 2023

Line	PURCHASED ENERGY COMPONENT	
<u>Line</u>	PURCHASED ENERGY COMPONENT	
37	PURCHASED ENERGY PRICE, ¢/kWh - Fossil PURCHASED ENERGY PRICE, ¢/kWh - Renewab Unused CBRE FIT	le 0.000 22.500 21.800
40	Sch Q	0.000
42	PURCHASED ENERGY KWH MIX, % - Fossil PURCHASED ENERGY KWH MIX, % - Renewable Unused CBRE FIT	0.00% 0.00% 100.00%
45	Sch Q	0.00%
45B 45C	Fossil Purch. Energy % Renewable Purch. Energy % Comp. Cost, Fossil Purch. Energy, ¢/kWh Comp. Cost, Renewable Purch. Energy,¢/kWh	0.00% 100.00% N/A 21.800
47	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (36 x 41) + (37 x 42) + (38 x 43) + (39 x 44) % Input to System kWh Mix WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (lines (46 x 47))	0.02
50	BASE PURCHASED ENERGY COMPOSITE COST, &/kWh Base % Input to Sys kWh Mix WEIGHTED BASE PURCHASED ENERGY COST, &/kWh (lines (49 x 50))	0.000 0.00 0.00000
53 54	COST LESS BASE (lines (48 - 51)) Loss Factor Revenue Tax Req Multiplier PURCHASED ENERGY FACTOR, ¢/kWh (lines (52 x 53 x 54))	0.00372 1.098 1.0975 0.00448

<u>Line</u>	Calculation of Monthly Fossil Fuel Cost Risk Sharing Compone	e <u>nt</u>
	Baseline Diesel	
56	Diesel \$, baseline month	\$727,962
57	Diesel mmbtu, baseline	26,128
58	Baseline Diesel, c/mmbtu	2,786.15
	Month Diesel	
59	Diesel mmbtu, budget	26,285
60	Diesel Cost, ¢/mmbtu	2,292.12
61	Diesel ECRC Fossil Cost	\$602,475
62	Diesel Base ECRC Recovery Target	\$732,330
63	Diesel differential	-\$129,855
64	Total Fossil	-\$129,855
65	2% of above	-\$2,597
66	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$15,637
67	Maximum Annual Cap (bi-directional)	\$31,500
68	Number of Days in year from implementation	365
69	Fossil Risk % Proration (based on 365 day year)	100.00%
70	Maximum Annual Cap (bi-directional) prorated	\$31,500
71	Applicable Monthly Fossil Fuel Cost Risk Sharing	-\$2,597
72	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	-\$18,234
73	Fossil Cost Risk Sharing before taxes	-\$2,597
74	Revenue Tax Adjustment	1.097514
75	Fossil Cost Risk Sharing w/revenue tax	-\$2,850
76	Forecasted Month MWh Sales	2,366
77	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.1205

<u>Line</u>	SYSTEM COMPOSITE CALCULATIONS	
78	GENERATION AND PURCHASED ENERGY	
	FACTOR, ¢/kWh	27.99081
	(lines (35 + 55))	
79	Adjustment, ¢/kWh	0.000
80	Fossil Fuel Cost Risk Sharing Component	0.121
81	ECR Reconciliation Adjustment	(0.697)
82	ECR FACTOR, ¢/kWh	27.414
	(lines (78 + 79 + 80 + 81))	

#### Maui Electric Company, Ltd. Molokai Division

#### MONTH END FUEL OIL ESTIMATE

	Barrels	MBTU	\$
8/22/2023	6,294.60	36,068.03	807,464.75
Estimated Use	1,473.65	8,444.01	174,287.85
Estimated Received	-	-	-
Estimated Additional	<u> </u>	<u> </u>	
Estimated End	4,820.95	27,624.02	633,176.90

Next Months Expense = \$ 131.3386 /bbl

#### **FUEL OIL INVENTORY PRICE USED FOR FILING**

Type of Oil Burned	<u>Price</u>	Conversion Factor	Prices ¢/MBTU
Diesel	\$ 131.3386	5.73 BTU/BBL	2292.12

# MAUI ELECTRIC COMPANY, LTD. Molokai Division ECR Reconciliation Adjustment

#### September 2023

1.	Amount to be refunded	(\$45,100)	
2.	Monthly amount (1/3 x Line 1)	(\$15,033)	
3.	Revenue Tax Divisor	0.91115	
4.	Total (Line 2 / Line 3)	(\$16,499)	
5.	Estimated Sales (September 2023)	2,366	mwh
6.	Adjustment (Line 4 ÷ Line 5)	-0.697	¢/kwh

## MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION 2023 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 '20 January '21 February March	4,000	(4)	(258)	4,258	(233) (233) (1,333) (1,333)	(252) (241) (1,290) (1,302)	(32) (273) 2,695 1,393
April May June	7,600	(1)	66	7,534	(1,333) (2,533) (2,533)	(1,311) (2,667) (2,707)	82 4,949 2,242
July August September	22,600	(2)	(286)	22,886	(2,533) (7,533) (7,533)	(2,630) (7,735) (7,613)	(388) 14,763 7,150
October November December	20,200	(3)	(379)	20,579	(7,533) (6,733) (6,733)	(7,699) (7,024) (6,702)	(549) 13,006 6,304
January '22 February March April	11,500	(4)	(426)	11,926	(6,733) (3,833) (3,833) (3,833)	(6,879) (3,909) (3,831) (3,991)	(575) 7,442 3,611 (380)
May June July	16,100	(1)	(220)	16,320	(5,367) (5,367) (5,367)	(5,428) (5,680)	9,926 4,498 (1,182)
August September October	40,800	(2)	(866)	41,666	(13,600) (13,600) (13,600)	(14,372) (13,983) (14,488)	26,112 12,129 (2,359)
November December January '23	34,500	(3)	(1,468)	35,968	(11,500) (11,500) (11,500)	(11,296) (11,026) (11,414)	22,313 11,287 (127)
February March April	(1,100)	(4)	(210)	(890)	367 367 367	345 372 375	(672) (300) 75
May June July	8,800	(1)	69	8,731	(2,933) (2,933) (2,933)	(2,921) (2,955) (3,007)	5,885 2,930 (77)
August September	45,100	(2)	(2)	45,102	(15,033) (15,033)	(0,001)	(,
NOTES:							
Col(1):	Quarterly FOA re						ection.
Col(2):	FOA reconciliation starting with the sales used to de (Col(5) - Col(4))	on adju fourth p	stment variar orior month; t	nce accumula he difference	ted during the between the $\epsilon$	last three me estimated rec	onths,
Col(3):	FOA reconciliation difference minus	the ad	justment vari	ance. Col(1) -	- Col(2)		
Col(4): Col(5): Col(6):	Amount that the Actual collected Cumulative bala	amoun	t. (recorded s	sales * \$/kwh	adjustment/1.0	09751)	

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

Base Rates Base Fuel/Energy Charge Non-fuel Energy Charge First 250 kWhr per month Next 500 kWhr per month Customer Charge Total Base Charges
IRP Refund
Revenue Balancing Rate Adjustment
PBF Surcharge Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim Purchased Power Adjustment Energy Cost Recovery Green Infrastructure Fee
Avg Residential Bill at 400 kwh

Rate				
	8/01/23	9/01/23		
effective date: ¢/kWh	09/01/19 0.0000	09/01/19 0.0000		
¢/kWh ¢/kWh \$	14.0459 16.6959 11.50	14.0459 16.6959 11.50		
% on base	0.000	0.000		
% of bill excluding FCRC	11.88%	11.88%		
¢/kWh	0.7195	0.7195		
¢/kWh ¢/kWh	0.0000 0.0000	0.0000 0.0000		
% on base	0.00	0.00		
¢/kWh	0.0000	0.0000		
¢/kWh \$	24.734 1.18	27.414 1.18		

Charge (\$) at 400 Kwh				
8/01/23	9/01/23	Difference		
0.00	0.00	0.00		
35.11	35.11	0.00		
25.04	25.04	0.00		
11.50	11.50	0.00		
71.65	71.65	0.00		
0.00	0.00	0.00		
8.99	8.99	0.00		
2.88	2.88	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
98.94	109.66	10.72		
1.18	1.18	0.00		
183.64	194.36			

Increase (Decrease -) % Change

10.72 5.84%

Dase Nates
Base Fuel/Energy Charge
Non-fuel Energy Charge
First 250 kWhr per month
•
Next 500 kWhr per month
Customer Charge
Total Base Charges
IRP Refund
Revenue Balancing Rate Adjustment
PBF Surcharge
•
PBF Surcharge Renewable Energy Infrastructure Cost Recovery Provision
Renewable Energy Infrastructure Cost Recovery Provision
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim Purchased Power Adjustment
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim Purchased Power Adjustment Energy Cost Recovery
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim Purchased Power Adjustment
Renewable Energy Infrastructure Cost Recovery Provision SolarSaver Adjustment Refund of 2018 Interim Purchased Power Adjustment Energy Cost Recovery

**Base Rates** 

Rate				
	8/01/23	9/01/23		
effective date:	09/01/19	09/01/19		
¢/kWh	0.0000	0.0000		
¢/kWh	14.0459	14.0459		
¢/kWh	16.6959	16.6959		
\$	11.50	11.50		
% on base	0.000	0.000		
% of bill	11.88%	11.88%		
excluding ECRC ¢/kWh	0.7195	0.7195		
¢/kWh	0.0000	0.0000		
¢/kWh	0.0000	0.0000		
% on base	0.00	0.00		
¢/kWh	0.0000	0.0000		
¢/kWh	24.734	27.414		
\$	1.18	1.18		

Charge (\$) at 500 Kwh				
8/01/23	9/01/23	Difference		
0.00	0.00	0.00		
35.11	35.11	0.00		
41.74	41.74	0.00		
11.50	11.50	0.00		
88.35	88.35	0.00		
0.00	0.00	0.00		
11.06	11.06	0.00		
3.60	3.60	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
123.67	137.07	13.40		
1.18	1.18	0.00		
227.86	241.26			

Increase (Decrease -) % Change

13.40 5.88%

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

EFFECTIVE DATE	FUEL FACTOR CENTS / KWH RESIDENTIAL & COMMERCIAL	RESIDENTIA @ 400 KWH	
January 1, 2020 February 1, 2020 March 1, 2020 April 1, 2020 May 1, 2020 June 1, 2020 July 1, 2020 August 1, 2020 September 1, 2020 November 1, 2020	18.533 21.165 21.967 19.555 18.231 12.810 10.471 12.013 14.463 10.877 14.096	153.75 164.02 167.23 157.34 151.00 127.13 118.42 125.55 135.41 121.03 132.92	190.67 203.51 207.52 195.16 187.24 157.40 146.53 155.44 167.76 149.78
December 1, 2020  January 1, 2021 February 1, 2021 March 1, 2021 April 1, 2021 May 1, 2021 June 1, 2021 July 1, 2021 August 1, 2021 September 1, 2021 October 1, 2021 December 1, 2021	13.337  14.116 16.108 15.163 17.823 18.313 17.544 18.749 21.572 19.433 20.326 20.133 20.186	129.89  133.06 141.03 137.25 147.71 149.85 149.53 154.53 165.82 157.26 160.83 160.06 160.27	160.86 164.81 174.77 170.05 183.13 185.80 185.38 191.65 205.76 195.07 199.53 198.57 198.83
January 1, 2022 February 1, 2022 March 1, 2022 April 1, 2022 May 1, 2022 June 1, 2022 July 1, 2022 August 1, 2022 September 1, 2022 October 1, 2022 November 1, 2022	21.781 23.569 24.300 25.193 30.431 34.241 39.900 40.687 32.195 36.404 31.953 33.316	170.50 177.66 180.58 184.02 205.10 218.92 241.50 244.65 210.68 227.52 209.71 215.16	211.61 220.55 224.20 228.51 254.86 272.14 300.36 304.30 261.84 282.88 260.63 267.44
January 1, 2023 February 1, 2023 March 1, 2023 April 1, 2023 May 1, 2023 June 1, 2023 July 1, 2023 August 1, 2023 September 1, 2023	32.969 31.231 33.972 29.562 28.830 28.032 24.467 24.734 27.414	214.98 208.02 218.99 201.33 198.42 196.58 182.57 183.64 194.36	267.19 258.50 272.20 250.13 246.49 244.01 226.53 227.86 241.26

#### MAUI ELECTRIC COMPANY, LTD. -- Molokai Division **RESIDENTIAL SURCHARGE DATA**

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE RATE		RATE			
06/01/11 08/17/17	IRP RECOVERY REFUND RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION		PERCENT ON BASE 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		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	PURCHASED POWER ADJUSTMENT		CENTS/KWH			
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 - 06/30/22	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH			
07/01/21 - 12/31/21	GREEN INFRASTRUCTURE FEE	_	DOLLARS/MONTH			
01/01/22 - 05/31/22	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	-	CENTS/KWH			
01/01/22 - 06/30/22	GREEN INFRASTRUCTURE FEE	_	DOLLARS/MONTH			
04/01/22 - 04/30/22	SOLARSAVER ADJUSTMENT		CENTS/KWH			
5/1/2022 - 03/31/23	SOLARSAVER ADJUSTMENT		CENTS/KWH			
06/01/22 - 12/31/22	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH			
07/01/22 - 06/30/23	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH			
07/01/22 - 12/31/22	GREEN INFRASTRUCTURE FEE	_	DOLLARS/MONTH			
01/01/23 - 06/30/23	GREEN INFRASTRUCTURE FEE	_	DOLLARS/MONTH			
01/01/23- 05/31/23	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH			
04/01/23 - 04/30/23	SOLARSAVER ADJUSTMENT		CENTS/KWH			
05/01/23	SOLARSAVER ADJUSTMENT		CENTS/KWH			
06/01/23	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		PERCENT OF ALL RATE SCHEDULE CHARGES, EXCLUDING ECRC and RBA			
07/01/23	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH			
07/01/23	GREEN INFRASTRUCTURE FEE	1.18	DOLLARS/MONTH			

Surcharges currently in effect are in bold.
 Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.