

September 28, 2020

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 October 2020

Maui Electric Company, Limited's ("Maui Electric" or "Company") October 2020 Energy Cost Recovery factor for our Maui Division is 13.390 cents per kilowatt-hour ("kWh"), a decrease of 0.269 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$147.74, a decrease of \$1.34 compared to rates effective September 1, 2020. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery factor.

The Company's Maui Division fuel composite cost of generation, central station and other increased 7.160 cents per million BTU to 998.49 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 2.015 cents per kWh to 18.067 cents per kWh.

The Energy Cost Recovery factor for our Lāna'i Division for October 2020 is 18.076 cents per kWh, a decrease of 0.059 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$141.69, a decrease of \$0.24 compared to rates effective September 1, 2020. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery factor.

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 11.28 cents per million BTU to 1,522.27 cents per million BTU. The composite cost of 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 October 2020 is 10.877 cents per kWh, a decrease of 3.586 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$121.03, a decrease of \$14.38 compared to rates effective September 1, 2020. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery factor (-\$14.34) and decrease in the Purchase Power Adjustment (-\$0.04).

The Honorable Chair and Members of the Hawai'i Public Utilities Commission September 28, 2020 Page 2

The Company's Moloka'i Division fuel composite cost of generation, central station and other decreased 300.97 cents per million BTU to 898.06 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 22.48 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 October 1, 2020.

Sincerely,

/s/ Sharon M. Suzuki Sharon M. Suzuki President Maui County and Hawai'i Island Utilities

Attachments

cc: Division of Consumer Advocacy

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

	EFFECTIVE DATES		
	<u>09-01-20</u>	<u>10-01-20</u>	<u>Change</u>
COMPOSITE COSTS Generation, Central Station & Other, ¢/mbtu DG Energy, ¢/kWh Purchased Energy, ¢/kWh	1,510.99 0.00 30.00	1,522.27 0.00 30.00	11.28 0.00 0.00
Residential Schedule "R"			
Energy Cost Recovery, ¢/kWh	18.135	18.076	(0.059)
Others - "G,P,F"			
Energy Cost Recovery, ¢/kWh	18.135	18.076	(0.059)
Residential Customer with			
400 KWH Consumption, \$/Bill	141.93	141.69	(0.24)
500 KWH Consumption, \$/Bill	175.81	175.51	(0.30)

Supersedes Sheet Effective: September 1, 2020

#### **ENERGY COST RECOVERY (ECR) FILING**

ENERGY COST RECOVERY (ECR) FILING - October 1, 2020 (page 1 of 2)

Line
1 Effective Date
2 Supercedes Factors of October 1, 2020 September 1, 2020

#### **GENERATION COMPONENT**

FUEL PRICES, ¢/mmbtu 3 Industrial 0.00	
3 Industrial 0.00	
4 Diesel - Miki Basin 1,522.27	
5 Diesel - Manele Bay 1,973.80	
6 Other 0.00	
BTU MIX, %  DG ENERGY COMPONENT  OF COMPONITE CONT OF PO	
7 Industrial 0.00% 25 COMPOSITE COST OF DG	0.000
8 Diesel - Miki Basin 100.00% ENERGY, ¢/kWh	0.000
9 Diesel - Manele Bay 0.00%	0.000/
10 Other 0.00% 26 % Input to System kWh Mix	0.00%
100.00% 27 WEIGHTED COMPOSITE DG ENERGY	
11 COMPOSITE COST OF GENERATION, COST, ¢/kWh (Lines 25 x 26)	0.00000
CENTRAL STATION + OTHER ¢/mmbtu 1,522.27	0.00000
(Lines (3 x 7) + (4 x 8) + (5 x 9) + (6 x 10))	
12 % Input to System kWh Mix 96.09% 28 BASE DG ENERGY COMP COST	0.000
29 Base % Input to System kWh Mix	0.00%
EFFICIENCY FACTOR, mmbtu/kWh 30 WEIGHTED BASE DG ENERGY COST,	0.0070
(A) (B) (C) (D) ¢/kWh (Line 28 x 29)	0.00000
Percent of	0.00000
Eff Factor Centrl Stn + Weighted 31 Cost Less Base (Line 27 - 30)	0.00000
Fuel Type mmbtu/kwh Other Eff Factor 32 Loss Factor	1.0500
13 Industrial 0.000000 0.00 0.000000 33 Revenue Tax Req Multiplier	1.0975
14 Diesel 0.010872 100.00 0.010872 34 DG FACTOR,	
15 Other 0.010872 0.00 0.000000 ¢/kWh (Line 31 x 32 x 33)	0.00000
(Lines 13, 14, 15): Col(B) x Col(C) = Col(D)	
16 Weighted Efficiency Factor, mmbtu/kWh	
[lines 13(D) + 14(D) + 15(D)] 0.010872	
AT WEIGHTED COMPOSITE CENTRAL STATION .	
17 WEIGHTED COMPOSITE CENTRAL STATION +	
OTHER GEN COST, ¢/kWh (lines (11 x 12 x 16)) 15.90301	
(iiies (11 x 12 x 10)) 15.90301	
18 BASE CENTRAL STATION + OTHER GENERATION	
COST, ¢/mmbtu -	
19 Base % Input to Sys kWh Mix 0.00%	
20 Efficiency Factor, mmbtu/kwh 0.010872	
21 WEIGHTED BASE CENTRAL STATION +	
OTHER GENERATION COST ¢/kWh	
(lines (18 x 19 x 20)) -	
SUMMARY OF	
22 COST LESS BASE (line(17 - 21)) 15.90301 TOTAL GENERATION FACTOR, ¢/kWh	
23 Revenue Tax Req Multiplier 1.0975 35 CNTRL STN + OTHER (line 24)	17.45355
24 CENTRAL STATION + OTHER GENERATION 36 DG (line 34)	-
FACTOR, ¢/kWh (line (22 x 23)) 17.45355 37 TOTAL GENERATION FACTOR,	
¢/kWh (lines 35 + 36)	17.45355

#### **ENERGY COST RECOVERY (ECR) FILING**

ENERGY COST RECOVERY (ECR) FILING - October 1, 2020 (page 2 of 2)

Line 1 Effective Date October 1, 2020 2 Supercedes Factors of September 1, 2020

Line	PURCHASED ENERGY COMPONE	NT
	PURCHASED ENERGY PRICE, $\phi$ /kWh - FOSSIL PURCHASED ENERGY PRICE, $\phi$ /kWh - RENEW	ABLE
38 39	LANAI SOLAR RESEARCH - On Peak - Off Peak	30.000 30.000
40	Sch Q	0.000
41 42	PURCHASED ENERGY KWH MIX, %, FOSSIL PURCHASED ENERGY KWH MIX, %, RENEWAE LANAI SOLAR RESEARCH - On Peak - Off Peak	3LE 100.00% 0.00%
43A 43B 43C	Sch Q Total Fossil % Total Renewable % Comp. cost of purch. energy, fossil ¢/kWh Comp. cost of purch. energy, renewable ¢/kWh	0.00% 0.00% 100.00% N/A 30.00
45	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (38 x 41) + (39 x 42) + (40 x 43)) % Input to System kWh Mix WEIGHTED COMP. PURCH. ENERGY COST, ¢/kWh (lines (44 x 45))	30.000 3.91% 1.17300
48	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh Base % Input to Sys kWh Mix WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (lines (47 x 48))	0.000 0.00 0.00000
51 52	COST LESS BASE(lines (46 - 49)) Loss Factor Revenue Tax Req Multiplier PURCHASED ENERGY FACTOR, ¢/kWh (lines (50 x 51 x 52))	1.17300 1.050 1.0975 1.35174

Calculation	n of Monthly Fossil Fuel Cost Risk Sharing Component	
	Baseline Diesel	
54	Diesel \$, baseline month	\$616,461
55	Diesel mmbtu, baseline	30,215
56	Baseline Diesel, c/mmbtu	2,040.28
	Month Diesel	
57	Diesel mmbtu, budget	32,014
58	Diesel Cost, ¢/mmbtu	1,522.27
59	Diesel ECRC Fossil Cost	\$487,343
60	Diesel Base ECRC Recovery Target	\$653,180
61	Diesel differential	-\$165,837
62	Total Fossil	-\$165,837
63	2% of above	-\$3,317
64	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	-\$20,007
65	Maximum Annual Cap (bi-directional)	\$31,500
66	Number of Days in year from implementation	366
67	Fossil Risk % Proration (based on 366 day year)	100.00%
68	Maximum Annual Cap (bi-directional) prorated	\$31,500
69	Applicable Monthly Fossil Fuel Cost Risk Sharing	-\$3,317
70	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	-\$23,324
71	Fossil Cost Risk Sharing before taxes	-\$3,317
72	Revenue Tax Adjustment	1.097514
73	Fossil Cost Risk Sharing w/revenue tax	-\$3,640
74	Forecasted Month MWh Sales	3,033
75	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.1200
1	3 1 77	

#### Line SYSTEM COMPOSITE CALCULATIONS 76 GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (lines (37 + 53)) 77 Adjustment, ¢/kWh 18.80529 0.000 78 Fossil Fuel Cost Risk Sharing Component 0.120 (0.849) 18.076 79 ECR Reconciliation Adjustment 80 ECR FACTOR, ¢/kWh (lines (76 + 77 + 78 + 79))

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

#### MONTH END FUEL OIL ESTIMATE

Miki Basin - ULSD	Barrels	MBTU	\$
9/18/2020	4,290.83	24,586.51	376,715.11
Estimated Use	1,785.55	10,231.20	154,592.43
Estimated Received	2,285.71	13,097.12	200,710.94
Estimated Additional	586.49	3,360.57	46,221.95
Estimated End	5,377.48	30,813.00	469,055.57

Next Month's Combined Miki Expense (\$/bbl) = \$87.2259 /bbl

Manele CHP	Barrels	MBTU	\$
9/18/2020	160.67	920.64	19,525.47
Estimated Use	(0.02)	(0.11)	(2.15)
Estimated Received	-	-	-
Estimated Additional	48.91	280.25	4,177.74
Estimated End	209.60	1,201.00	23,705.37

Next Month's Manele Expense (\$/bbl) = \$ 113.0985 /bbl

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

Type of Oil Burned	Price	Conversion Factor	Prices ¢/MBTU
Diesel - Miki Basin	\$ 87.2259	5.73 BTU/BBL	1,522.27
Diesel - Manele Bay	\$ 113.0985	5.73 BTU/BBL	1,973.80

#### **Contract Prices effective September 1, 2020**

TYPE OF OIL BURNED	\$/BBL	¢/MBTU
MIKI BASIN - ULTRA LOV	SULFUR DIESI	EL (DYED)
Tax *	5.0498	88.12
Ocean Transportation	0.0000	0.00
Storage	0.0000	0.00
Wharfage	0.0000	0.00
MIKI BASIN - ULTRA LOV	<u> / SULFUR DIESI</u>	<u>:L</u>
Tax *	15.3914	268.61
Ocean Transportation	0.0000	0.00
Storage	0.0000	0.00
Wharfage	0.0000	0.00
MANELE BAY - ULTRA LO		<u>SEL</u>
Tax *	15.3914	268.61
Ocean Transportation	0.0000	0.00
Storage	0.0000	0.00
Wharfage	0.0000	0.00

<sup>\*</sup> Tax includes HGET, Hawaii Use Tax, Liquid Fuel Tax, LUST tax, Environmental Response Tax, Customs Duty Fee, Fed Oil Spill Recovery Fee, Federal Oil Spill Liability Tax, and Federal Excise Tax.

Note: Since these components are not accounted for separately in inventory, contract prices for the current month are being provided.

Contract prices are considered accurate pending actual delivery of the fuel.

Reference: Decision and Order No. 16134, Docket No. 96-0040.

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

#### October 2020

1. Amount to be refunded	(\$70,400)
2. Monthly amount (1 / 3 X Line 1)	(\$23,467)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$25,755)
5. Estimated Sales (October 2020)	3,033 mwh
6. Adjustment (Line 4 ÷ Line 5)	-0.849 ¢/kwh

# MAUI ELECTRIC COMPANY, LTD. LANAI DIVISION 2020 Cumulative Reconciliation Balance

Month	(1) YTD FOA Reconciliation Qt	(2) FOA Rec Adjust r Variance	(3) FOA Rec Less Variance	(4) Try to Collect	(5) Actual Collect	(6) Month-end Cumulative Balance
<u>ivioriti i</u>	TCCOTICINATION QU	variance	variance	Collect	Concet	Dalarice
December '18				(11,867)	(11,797)	11,475
January '19				(11,867)	(11,150)	325
February	8,600 (4	(386)	8,986	(2,867)	(2,721)	6,590
March	·			(2,867)	(2,728)	3,862
April				(2,867)	(2,599)	1,263
May	91,900 (1	1,002	90,898	(30,633)	(28,551)	63,610
June	•			(30,633)	(30,812)	32,798
July				(30,633)	(30,931)	1,867
August	(13,000) (2	2,171	(15,171)	4,333	4,372	(8,932)
September				4,333	4,343	(4,589)
October				4,333	4,291	(298)
November	(23,800) (3	(249)	(23,551)	7,933	8,219	(15,630)
December '19	1			7,933	8,627	(7,003)
January '20				7,933	8,106	1,103
February	83,900 (4	938	82,962	(27,967)	(28,222)	55,843
March				(27,967)	(27,038)	28,805
April				(27,967)	(21,694)	7,111
May	78,000 (1	847	77,153	(26,000)	(28,250)	56,014
June				(26,000)	(27,227)	28,787
July				(26,000)	(29,208)	(421)
August	70,400 (2	2,796	67,604	(23,467)	(22,814)	44,369
September				(23,467)		
October				(23,467)		
NOTES:						
Col(1):	Quarterly FOA re	conciliation a	amounts. (Refe	er to Attachme	ent 13)	
	A positive number		•		•	er-collection.
Col(2):	FOA reconciliation			_		
	starting with the f	-				
	sales used to der	ive the \$/kwl	h adjustment a	nd the actual	recorded sal	es.
0-1/0):	(Col(5) - Col(4))		: 4l	The	VTD	:::-4:
Col(3):	FOA reconciliation difference minus	•		•	Y ID FOA re	conciliation
Col(4):		•		. , ,	collect (Co	l(1) * 1/3)
Col(5):	Amount that the FOA reconciliation adjustment is trying to collect. (Col(1) * 1/3) Actual collected amount. (recorded sales * \$/kwh adjustment/1.09751)					
0-1(0)	Commission belongs of the EOA recognition (Decided to belong to Co. 1/2) to Co. 1/2)					

Cumulative balance of the FOA reconciliation (Previous balance + Col(3) + Col(5))

Col(6):

#### Maui Electric Company, Ltd. **Lanai 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 **Energy Cost Recovery Green Infrastructure Fee** 

Avg Residential Bill at 400 kwh

Rate				
	09-01-20	10-01-20		
effective date:	09/01/19	09/01/19		
¢/kWh	0.0000	0.0000		
¢/kWh	12.3123	12.3123		
¢/kWh	14.8123	14.8123		
\$	11.50	11.50		
% on base	0.0000	0.0000		
¢/kWh	0.3383	0.3383		
¢/kWh	0.5882	0.5882		
¢/kWh	0.0000	0.0000		
¢/kWh	0.0000	0.0000		
0.00	0.000	0.000		
¢/kWh	18.135	18.076		
\$	1.19	1.19		

Charge (\$) at 400 Kwh				
09-01-20	10-01-20	Difference		
0.00	0.00	0.00		
30.78	30.78	0.00		
22.22	22.22	0.00		
11.50	11.50	0.00		
64.50	64.50	0.00		
0.00	0.00	0.00		
1.35	1.35	0.00		
2.35	2.35	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
0.00	0.00	0.00		
72.54	72.30	-0.24		
1.19	1.19	0.00		
141.93	141.69			

Increase (Decrease -) % Change

-0.24 -0.17%

Rasa	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 **Energy Cost Recovery Green Infrastructure Fee** 

Avg Residential Bill at 500 kwh

Rate			
	09-01-20	10-01-20	
effective date:	09/01/19	09/01/19	
¢/kWh	0.0000	0.0000	
¢/kWh	12.3123	12.3123	
¢/kWh	14.8123	14.8123	
\$	11.50	11.50	
% on base	0.0000	0.0000	
¢/kWh	0.3383	0.3383	
¢/kWh	0.5882	0.5882	
¢/kWh	0.0000	0.0000	
¢/kWh	0.0000	0.0000	
0.00	0.00	0.00	
¢/kWh	18.135	18.076	
\$	1.19	1.19	

Charge (\$) at 500 Kwh			
09-01-20	10-01-20	Difference	
0.00	0.00	0.00	
30.78	30.78	0.00	
37.03	37.03	0.00	
11.50	11.50	0.00	
79.31	79.31	0.00	
79.31	79.31	0.00	
0.00	0.00	0.00	
0.00	0.00	0.00	
1.69	1.69	0.00	
2.94	2.94	0.00	
0.00	0.00	0.00	
0.00	0.00	0.00	
0.00	0.00	0.00	
90.68	90.38	-0.30	
1.19	1.19	0.00	
		0.00	
175.81	175.51		

Increase (Decrease -) % Change

-0.30
-0.17%

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

FUEL FACTOR CENTS / KWH

	DECIDENTIAL 0	DECIDENT	IAI DIII (A)
	RESIDENTIAL &		IAL BILL (\$)
EFFECTIVE DATE	COMMERCIAL	@ 400 KWH	@ 500 KWH
January 1, 2018	-8.358	153.69	191.20
February 1, 2018	-8.395	153.54	191.01
March 1, 2018	-7.868	155.65	193.65
April 1, 2018	-9.141	150.05	186.64
May 1, 2018	-7.716	156.26	194.41
June 1, 2018	-6.144	163.86	203.92
July 1, 2018	-5.753	165.46	205.95
August 1, 2018	-7.005	160.45	199.69
September 1, 2018	-6.735	166.53	207.25
October 1, 2018	-6.372	167.98	209.07
November 1, 2018	-6.037	169.32	210.74
December 1, 2018	-5.396	171.89	213.95
,			
January 1, 2019	-6.950	165.81	206.32
February 1, 2019	-8.789	158.45	197.12
March 1, 2019	-6.041	169.45	210.86
April 1, 2019	-6.801	166.07	206.63
May 1, 2019	-7.864	162.15	201.75
June 1, 2019	4.196	172.73	214.30
July 1, 2019	3.088	171.26	212.48
August 1, 2019	3.232	171.84	213.20
September 1, 2019	24.278	168.18	208.62
October 1, 2019	24.957	170.90	212.02
November 1, 2019	26.088	175.42	217.67
December 1, 2019	26.449	176.87	219.48
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
·			

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE		RATE
06/01/11 08/17/17	IRP RECOVERY REFUND RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION		PERCENT ON BASE CENTS/KWH
01/01/18 - 06/30/18	GREEN INFRASTRUCTURE FEE	1.34	DOLLARS/MONTH
04/01/18 - 04/30/18	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
05/01/18 - 03/31/19	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
06/01/18 - 08/22/18	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.8954	CENTS/KWH
07/01/18 - 06/30/19	RESID. PBF SURCHARGE ADJUSTMENT	0.4658	CENTS/KWH
07/01/18 - 12/31/18	GREEN INFRASTRUCTURE FEE	1.21	DOLLARS/MONTH
08/23/18 - 05/31/19	INTERIM RATE INCREASE 2018 TEST YEAR	6.36	PERCENT ON BASE
08/23/18 - 05/31/19	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.0000	CENTS/KWH
01/01/19 - 06/30/19	GREEN INFRASTRUCTURE FEE	1.35	DOLLARS/MONTH
04/01/19 - 04/30/19	SOLARSAVER ADJUSTMENT	-0.0855	CENTS/KWH
05/01/19 - 03/31/20	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
06/01/19	FINAL RATE INCREASE (3.74%), DOCKET NO. 2017-0150 (		EAR
06/01/19 - 06/30/19	REFUND OF INTERIM RATE INCREASE 2018 TEST YEAR		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	-0.06	CENTS/KWH
05/01/20	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
06/01/20	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.3383	CENTS/KWH
07/01/20	RESID. PBF SURCHARGE ADJUSTMENT	0.5882	CENTS/KWH
07/01/20	GREEN INFRASTRUCTURE FEE	1.19	DOLLARS/MONTH

<sup>~</sup> Surcharges currently in effect are in bold.

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