



April 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 May 2020

Maui Electric Company, Limited's ("Maui Electric" or "Company") May 2020 Energy Cost Recovery factor for our Maui Division is 16.260 cents per kilowatt-hour ("kWh"), a decrease of 1.243 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$166.06, a decrease of \$6.56 compared to rates effective April 1, 2020. The decrease in the typical residential bill is due to the decrease in the Energy Cost Recovery Factor (-\$6.22) and decrease in the residential DSM Adjustment (-\$0.65), partially offset by the termination of the Solar Saver Adjustment (+\$0.30) and the increase in the Purchase Power Adjustment (+\$0.01).

The Company's Maui Division fuel composite cost of generation, central station and other decreased 179.34 cents per million BTU to 1,122.52 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 0.390 cents per kWh to 19.204 cents per kWh.

The Energy Cost Recovery factor for our Lāna'i Division for May 2020 is 18.958 cents per kWh, a decrease of 0.836 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$148.04, a decrease of \$3.11 compared to rates effective April 1, 2020. The decrease in the typical residential bill is due to the decrease of the Energy Cost Recovery Factor (-\$3.35), partially offset by the termination of the Solar Saver Adjustment (+\$0.24).

The Company's Lāna'i Division fuel composite cost of generation, central station and other decreased 84.55 cents per million BTU to 1,598.71 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 May 2020 is 18.231 cents per kWh, a decrease of 1.324 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$151.00, a decrease of \$6.34 compared to rates effective April 1, 2020. The decrease in the typical residential bill is due to the decrease of the

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Energy Cost Recovery Factor (-\$5.30), and decrease in the Purchase Power Adjustment (-\$1.28), partially offset by the termination of the Solar Saver Adjustment (+\$0.24).

The Company's Moloka'i Division fuel composite cost of generation, central station and other decreased 70.19 cents per million BTU to 1,487.98 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 22.46 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, 2020.

Sincerely,

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

Attachments

cc: Division of Consumer Advocacy

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

ENERGY COST RECOVERY FACTOR

	EFFECTIVE DATES		<u>Change</u>
	<u>04-01-20</u>	<u>05-01-20</u>	
<u>COMPOSITE COSTS</u>			
Generation, Central Station & Other, ¢/mbtu	1,558.17	1,487.98	(70.19)
DG Energy, ¢/kWh	0.00	0.00	0.00
Purchased Energy, ¢/kWh	22.46	22.46	0.00
<u>Residential Schedule "R"</u>			
Energy Cost Recovery, ¢/kWh	19.555	18.231	(1.324)
<u>Others - "G,P,F"</u>			
Energy Cost Recovery, ¢/kWh	19.555	18.231	(1.324)
<u>Residential Customer with</u>			
400 KWH Consumption, \$/Bill	157.34	151.00	(6.34)
500 KWH Consumption, \$/Bill	195.16	187.24	(7.92)

Supersedes Sheet Effective:

April 1, 2020

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

Line

1	Effective Date	May 1, 2020
2	Supercedes Factors	April 1, 2020

<u>Line</u>	<u>PURCHASED ENERGY COMPONENT</u>	
	PURCHASED ENERGY PRICE, ¢/kWh - Fossil	
	PURCHASED ENERGY PRICE, ¢/kWh - Renewable	
36	Unused	0.000
37	CBRE	22.500
38	FIT	21.800
39		
40	Sch Q	0.000
	PURCHASED ENERGY KWH MIX, % - Fossil	
	PURCHASED ENERGY KWH MIX, % - Renewable	
41	Unused	0.00%
42	CBRE	93.94%
43	FIT	6.06%
44		
45	Sch Q	0.00%
45A	Fossil Purch. Energy %	0.00%
45B	Renewable Purch. Energy %	100.00%
45C	Comp. Cost, Fossil Purch. Energy, ¢/kWh	N/A
45D	Comp. Cost, Renewable Purch. Energy, ¢/kWh	22.458
46	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh	22.458
	(Lines (36 x 41) + (37 x 42) + (38 x 43) + (39 x 44))	
47	% Input to System kWh Mix	0.32
48	WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (lines (46 x 47))	0.07121
49	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh	0.000
50	Base % Input to Sys kWh Mix	0.00
51	WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (lines (49 x 50))	0.00000
52	COST LESS BASE (lines (48 - 51))	0.07121
53	Loss Factor	1.098
54	Revenue Tax Req Multiplier	1.0975
55	PURCHASED ENERGY FACTOR, ¢/kWh (lines (52 x 53 x 54))	0.08581

<u>Line</u>	<u>Calculation of Monthly Fossil Fuel Cost Risk Sharing Component</u>	
	Baseline Diesel	
56	Diesel \$, baseline month	\$415,672
57	Diesel mmbtu, baseline	26,195
58	Baseline Diesel, c/mmbtu	1,586.84
	Month Diesel	
59	Diesel mmbtu, budget	25,346
60	Diesel Cost, ¢/mmbtu	1,487.98
61	Diesel ECRC Fossil Cost	\$377,139
62	Diesel Base ECRC Recovery Target	\$402,197
63	Diesel differential	-\$25,058
64	Total Fossil	-\$25,058
65	2% of above	-\$501
66	Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year	\$1,434
67	Maximum Annual Cap (bi-directional)	\$31,500
68	Number of Days in year from implementation	366
69	Fossil Risk % Proration (based on 366 day year)	100.00%
70	Maximum Annual Cap (bi-directional) prorated	\$31,500
71	Applicable Monthly Fossil Fuel Cost Risk Sharing	-\$501
72	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$933
73	Fossil Cost Risk Sharing before taxes	-\$501
74	Revenue Tax Adjustment	1.097514
75	Fossil Cost Risk Sharing w/revenue tax	-\$550
76	Forecasted Month MWh Sales	2,227
77	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	0.0247

<u>Line</u>	<u>SYSTEM COMPOSITE CALCULATIONS</u>	
78	GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (lines (35 + 55))	18.19924
79	Adjustment, ¢/kWh	0.000
80	Fossil Fuel Cost Risk Sharing Component	0.025
81	ECR Reconciliation Adjustment	0.007
82	ECR FACTOR, ¢/kWh (lines (78 + 79 + 80 + 81))	18.231

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

MONTH END FUEL OIL ESTIMATE

	<u>Barrels</u>	<u>MBTU</u>	<u>\$</u>
4/17/2020	6,909.88	39,593.62	589,146.88
Estimated Use	-	-	-
Estimated Received	-	-	-
Estimated Additional	-	-	-
Estimated End	<u>6,909.88</u>	<u>39,593.62</u>	<u>589,146.88</u>

Next Months Expense = \$ 85.2615 /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	\$ 85.2615	5.73 BTU/BBL	1487.98

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

Contract Prices effective April 1, 2020

<u>TYPE OF OIL BURNED</u>	<u>\$/BBL</u>	<u>¢/MBTU</u>
ULTRA LOW SULFUR DIESEL		
Tax *	3.7048	64.65
Ocean Transportation	1.5165	26.47
Storage	4.9389	86.19
Wharfage	0.4000	6.98

* Tax includes HGET, Hawaii Use Tax, Liquid Fuel Tax, LUST tax, Environmental Response Tax, Customs Duty Fee, Federal Oil Spill Recovery Fee, 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.
Molokai Division
ECR Reconciliation Adjustment

May 2020

1. Amount to be Collected	\$400
2. Monthly amount (1/3 x Line 1)	\$133
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	\$146
5. Estimated Sales (May 2020)	2,227 mwh
6. Adjustment (Line 4 ÷ Line 5)	0.007 ¢/kwh

**MAUI ELECTRIC COMPANY, LTD.
MOLOKAI DIVISION
2020 FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY
(Thousand \$)**

<u>Line</u>	<u>Description</u>	Without Deadband 1st Quarter <u>YTD Total</u>	collection by company*	Basis for Recon With Deadband 1st Quarter <u>YTD Total</u>	collection by company*
Actual Costs					
1	Generation	\$1,266.1		\$1,266.1	
2	Distributed Generation	\$0.0		\$0.0	
3	Purch Power	<u>\$0.3</u>		<u>\$0.3</u>	
4	Total	\$1,266.4		\$1,266.4	
Fuel Filing Cost					
5	Generation	\$1,276.9		\$1,271.1	
6	Distributed Generation	\$0.0		\$0.0	
7	Purch Power	<u>\$0.3</u>		<u>\$0.3</u>	
8	Total	\$1,277.2		\$1,271.4	
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)	\$1,277.2		\$1,271.4	
14	ACTUAL FOA REVENUE LESS TAX	\$1,280.5		\$1,280.5	
15	FOA reconciliation adj for prior years	<u>\$10.9</u>		<u>\$10.9</u>	
16	ADJUSTED FOA LESS TAX	\$1,269.6		\$1,269.6	
17	FOA-(FUEL-BASE) (Line 16-13)	-\$7.6		-\$1.8	
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)	-\$7.6	Under	-\$1.8	Under
21A	Fossil Fuel Cost Risk Sharing Adjustment	<u>\$1.4</u>		<u>\$1.4</u>	
21B	Quarterly FOA Reconciliation with Fossil Risk Adjustment (21+21A)	<u><u>-\$6.1</u></u>		<u><u>-\$0.4</u></u>	
22	2019 FOA Reconciliation Recognized in FOA Rates			<u>\$0.0</u>	
23	FOA Reconciliation to be Collected May 2020 to June 2020 (Line 22- 21B)			<u><u>\$0.4</u></u>	To Be Collected

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

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

Determination of Efficiency Factor to use for Cost-Recovery Purposes
Period: January 1, 2020 through March 31, 2020

	<u>Notes</u>	<u>YTD</u>
<u>Palaau Diesel</u>		
.	f	11,127
Palaau Diesel Deadband Definition, +/- BTU/kWh	d	50
Palaau Diesel Portion of Recorded Sales, MWh	a	6,800
Palaau Diesel Consumption (Recorded), MMBTU	b	74,906
Palaau Diesel Efficiency Factor (Recorded), BTU/kWh	c = (b/a)*1000	11,015
Lower limit of Palaau Diesel Deadband, BTU/kWh	e = f-d	11,077
Higher limit of Palaau Diesel Deadband, BTU/kWh	g = f+d	11,177
Palaau Diesel Efficiency Factor for cost-recovery, BTU/kWh	h = c, e, or g	11,077

MAUI ELECTRIC COMPANY, LTD.
MOLOKAI DIVISION

GENERATION FUEL FILING COST AND GENERATION BASE FUEL COST, WITHOUT and WITH DEADBAND
2020

	Without Deadband Jan 1 - Mar 31	With Deadband AS FILED Jan 1 - Mar 31
<u>DIESEL FUEL FILING COST</u>		
Diesel Portion of Recorded Sales, MWH	6,800	6,800
Diesel Sales Efficiency Factor (mmbtu/kwh)	0.011127	0.011077
Mmbtu adjusted for Sales Efficiency Factor	75,667	75,327
\$/mmbtu	<u>\$16.8748</u>	<u>\$16.8748</u>
TOTAL DIESEL \$000s TO BE RECOVERED	\$1,276.9	\$1,271.1
TOTAL GENERATION FUEL FILING COST, \$000s	\$1,276.9	\$1,271.1
TOTAL GENERATION BASE FUEL COST , \$000s	\$0.0	\$0.0
TOTAL GENERATION FUEL FILING COST, \$000s YTD	\$1,276.9	\$1,271.1
TOTAL GENERATION BASE FUEL COST, \$000s YTD	\$0.0	\$0.0

Fossil Fuel Cost Risk Sharing Mechanism, March 2020, Molokai

Jan-20, Baseline

YTD Subject to Fossil Risk

		Diesel Fossil Fuel Cost Risk Sharing	
AA	MMBtu	26,195	74,906
BB	\$ cost, actuals	415,672	1,266,074
CC = BB / AA (Baseline Column)	Jan 2020 baseline \$/mmbtu	15.8684499	15.8684499
DD	Diesel Gen kWh		7,458,130
EE	Total kWh, Gen, Purch Pwr, DG		7,462,467
FF	Sales kWh		6,804,225
GG = (DD / EE) x FF	Diesel kWh-sales		6,800,271
HH	Target Heat Rate		11,127
II1	Upper limit w/deadband		11,177
II2	Lower limit w/deadband		11,077
II3	Calculated Heat Rate (YTD subject to fossil risk, before deadband)		11,015
II	Recovery Heat Rate (YTD subject to fossil risk, after deadband)		11,077
JJ = BB/AA (YTD Column)	Actual Cost \$/MMbtu		16.9021882
KK = CC x HH x GG / 1,000,000	Base Cost Recovery w/Target Heat Rate		\$1,200,712
LL = II x JJ x GG / 1,000,000	Fuel Filing Cost Recovery		\$1,273,184
MM = 2% x (LL-KK)	Diesel Cost Risk Sharing		\$1,449
NN	Annual Cap (non-prorated)		\$31,500
OO	# Days		366
PP	Annual Cap (pro-rated)		\$31,500
QQ = MM, up to cap	Total Fossil Fuel Cost Risk Sharing Adjustment, subject to ±\$31500 cap		\$1,449

**MAUI ELECTRIC COMPANY, LTD.
MOLOKAI DIVISION
2020 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 '18					(3,033)	(3,133)	2,348
January '19					(3,033)	(3,259)	(911)
February	(8,800)	(4)	(682)	(8,118)	2,933	2,637	(6,392)
March					2,933	2,879	(3,513)
April					2,933	2,976	(537)
May	(4,000)	(1)	(576)	(3,424)	1,333	1,340	(2,621)
June					1,333	1,450	(1,171)
July					1,333	1,381	210
August	42,700	(2)	167	42,533	(14,233)	(15,411)	27,332
September					(14,233)	(15,604)	11,728
October					(14,233)	(14,999)	(3,271)
November	29,000	(3)	(2,501)	31,501	(9,667)	(10,031)	18,199
December '19					(9,667)	(10,289)	7,910
January '20					(9,667)	(10,240)	(2,330)
February	(31,000)	(4)	(1,752)	(29,248)	10,333	9,207	(22,371)
March					10,333	10,125	(12,246)
April					10,333		
May	(400)	(1)	(1,907)	1,507	133		

NOTES:

- Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 20)
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.
Molokai Division
Calculations of the Average Residential Customer Bill**

	Rate			Charge (\$) at 400 Kwh		
	04-01-20	05-01-20		04-01-20	05-01-20	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	14.0459	14.0459	35.11	35.11	0.00
Next 500 kWhr per month	¢/kWh	16.6959	16.6959	25.04	25.04	0.00
Customer Charge	\$	11.50	11.50	11.50	11.50	0.00
Total Base Charges				71.65	71.65	0.00
IRP Refund	% on base	0.000	0.000	0.00	0.00	0.00
Revenue Balancing Rate Adjustment	¢/kWh	0.8716	0.8716	3.49	3.49	0.00
PBF Surcharge	¢/kWh	0.7437	0.7437	2.97	2.97	0.00
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh	0.0000	0.0000	0.00	0.00	0.00
SolarSaver Adjustment	¢/kWh	-0.0592	0.0000	-0.24	0.00	0.24
Refund of 2018 Interim	% on base	0.00	0.00	0.00	0.00	0.00
Purchased Power Adjustment	¢/kWh	0.0000	-0.3200	0.00	-1.28	-1.28
Energy Cost Recovery	¢/kWh	19.555	18.231	78.22	72.92	-5.30
Green Infrastructure Fee	\$	1.25	1.25	1.25	1.25	0.00
Avg Residential Bill at 400 kwh				157.34	151.00	

Increase (Decrease -)	-6.34
% Change	-4.03%

	Rate			Charge (\$) at 500 Kwh		
	04-01-20	05-01-20		04-01-20	05-01-20	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	14.0459	14.0459	35.11	35.11	0.00
Next 500 kWhr per month	¢/kWh	16.6959	16.6959	41.74	41.74	0.00
Customer Charge	\$	11.50	11.50	11.50	11.50	0.00
Total Base Charges				88.35	88.35	0.00
IRP Refund	% on base	0.000	0.000	0.00	0.00	0.00
Revenue Balancing Rate Adjustment	¢/kWh	0.8716	0.8716	4.36	4.36	0.00
PBF Surcharge	¢/kWh	0.7437	0.7437	3.72	3.72	0.00
Renewable Energy Infrastructure Cost Recovery Provision	¢/kWh	0.0000	0.0000	0.00	0.00	0.00
SolarSaver Adjustment	¢/kWh	-0.0592	0.0000	-0.30	0.00	0.30
Refund of 2018 Interim	% on base	0.00	0.00	0.00	0.00	0.00
Purchased Power Adjustment	¢/kWh	0.0000	-0.3200	0.00	-1.60	-1.60
Energy Cost Recovery	¢/kWh	19.555	18.231	97.78	91.16	-6.62
Green Infrastructure Fee	\$	1.25	1.25	1.25	1.25	0.00
Avg Residential Bill at 500 kwh				195.16	187.24	

Increase (Decrease -)	-7.92
% Change	-4.06%

**MAUI ELECTRIC COMPANY, LTD. -- Molokai 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>@ 400 KWH</u>	<u>@ 500 KWH</u>
January 1, 2018	-6.300		147.68	183.78
February 1, 2018	-6.275		147.78	183.90
March 1, 2018	-4.937		153.13	190.59
April 1, 2018	-5.975		148.47	184.76
May 1, 2018	-5.031		152.76	190.12
June 1, 2018	-3.490		160.24	199.48
July 1, 2018	-1.354		168.81	210.24
August 1, 2018	-4.992		154.26	192.05
September 1, 2018	-3.443		165.08	205.53
October 1, 2018	-4.054		162.63	202.48
November 1, 2018	-3.697		164.06	204.26
December 1, 2018	-1.431		173.13	215.59
January 1, 2019	-3.771		163.91	204.03
February 1, 2019	-7.208		150.16	186.85
March 1, 2019	-4.872		159.50	198.53
April 1, 2019	-5.034		158.51	197.29
May 1, 2019	-3.503		164.98	205.37
June 1, 2019	5.096		166.63	206.77
July 1, 2019	3.171		161.65	200.57
August 1, 2019	2.259		155.00	192.25
September 1, 2019	19.349		152.49	189.11
October 1, 2019	19.071		151.51	187.89
November 1, 2019	20.907		162.13	201.16
December 1, 2019	18.365		151.94	188.43
January 1, 2020	18.533		153.75	190.67
February 1, 2020	21.165		164.02	203.51
March 1, 2020	21.967		167.23	207.52
April 1, 2020	19.555		157.34	195.16
May 1, 2020	18.231		151.00	187.24

**MAUI ELECTRIC COMPANY, LTD. -- Molokai 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
07/01/17 - 06/30/18	RESID. PBF SURCHARGE ADJUSTMENT	0.4244 CENTS/KWH
01/01/18 - 06/30/18	GREEN INFRASTRUCTURE FEE	1.34 DOLLARS/MONTH
04/01/18 - 04/30/18	SOLARSAVER ADJUSTMENT	1.3400 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	6.68 PERCENT ON BASE
08/23/18 - 05/31/19	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.3183 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
5/1/2019 - 03/31/20	SOLARSAVER ADJUSTMENT	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	-2.00 PERCENT ON BASE
06/01/19	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
08/01/19 - 08/31/19	PURCHASED POWER ADJUSTMENT	-0.7518 CENTS/KWH
09/01/19 - 09/30/19	PURCHASED POWER ADJUSTMENT	-0.7820 CENTS/KWH
10/01/19 - 10/31/19	PURCHASED POWER ADJUSTMENT	-0.7475 CENTS/KWH
11/01/19 - 11/30/19	PURCHASED POWER ADJUSTMENT	0.0692 CENTS/KWH
12/01/19 - 12/31/19	PURCHASED POWER ADJUSTMENT	0.0655 CENTS/KWH
01/01/20 - 01/31/20	PURCHASED POWER ADJUSTMENT	0.0648 CENTS/KWH
01/01/20	RESID. PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
01/01/20	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
02/01/20-4/30/20	PURCHASED POWER ADJUSTMENT	0.00 CENTS/KWH
4/1/20-4/30/20	SOLARSAVER ADJUSTMENT	-0.0592 CENTS/KWH
05/01/20	PURCHASED POWER ADJUSTMENT	-0.3200 CENTS/KWH
05/01/20	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.