

October 29, 2018

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PUBLIC UTILITIES COMMISSION

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 Adjustment Factor for November 2018

Maui Electric Company, Limited's ("Maui Electric" or "Company") November 2018 Energy Cost Adjustment factor for our Maui Division is -2.358 cents per kilowatt-hour ("kWh"), an increase of 0.924 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$179.87, an increase of \$4.97 compared to rates effective October 1, 2018. The increase in the typical residential bill is due to the increase in the Energy Cost Adjustment factor (+\$4.62) and Purchased Power Adjustment (+\$0.35).

The Company's Maui Division fuel composite cost of generation, central station and other increased 151.04 cents per million BTU to 1,734.53 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy decreased 0.924 cents per kWh to 18.223 cents per kWh.

The Energy Cost Adjustment factor for our Lāna'i Division for November 2018 is -6.037 cents per kWh, an increase of 0.335 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$169.32, an increase of \$1.34 compared to rates effective October 1, 2018. The increase in the typical residential bill is due to the Energy Cost Adjustment factor.

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 42.72 cents per million BTU to 2,150.10 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 Adjustment factor for our Moloka'i Division for November 2018 is -3.697 cents per kWh, an increase of 0.357 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$164.06, an increase of \$1.43 compared to rates effective October 1, 2018. The increase in the typical residential bill is due to the Energy Cost Adjustment factor.

The Honorable Chair and Members of the Hawai'i Public Utilities Commission October 29, 2018 Page 2

The Company's Moloka'i Division fuel composite cost of generation, central station and other increased 21.58 cents per million BTU to 1,855.27 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 November 1, 2018.

Sincerely,

Aharm M. Angeler

Sharon M. Suzuki President

Attachments

cc: Division of Consumer Advocacy

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION

ENERGY COST ADJUSTMENT FACTOR

	EFFECTIVE DATES		
	<u>10-01-18</u>	<u>11-01-18</u>	<u>Change</u>
<u>COMPOSITE COSTS</u> Generation, Central Station & Other, ¢/mbtu DG Energy, ¢/kWh Purchased Energy, ¢/kWh	1,833.69 0.00 21.80	1,855.27 0.00 21.80	21.58 0.00 0.00
Residential Schedule "R"			
Energy Cost Adjustment, ¢/kWh	(4.054)	(3.697)	0.357
<u>Others - "G,P,F"</u>			
Energy Cost Adjustment, ¢/kWh	(4.054)	(3.697)	0.357
Residential Customer with			
400 KWH Consumption, \$/Bill 500 KWH Consumption, \$/Bill	162.63 202.48	164.06 204.26	1.43 1.78

Supersedes Sheet Effective:	October 1, 2018
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MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - November 1, 2018 (page 1 of 2)

Line

1	Effective Date	November 1, 2018

2 Supercedes Factors October 1, 2018

GENERATION COMPONENT

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20 COST LESS BASE (line(15 - 19)) (3.21963) TOTAL GENERATION FACTOR, ¢/kWh 21 Revenue Tax Req Multiplier 1.0975 33 CNTRL STN + OTHER (line 22) -3.53354		(lines (16 x 17 x 18))	23.98471	
21 Revenue Tax Req Multiplier 1.0975 33 CNTRL STN + OTHER (line 22) -3.53354				SUMMARY OF
			(3.21963)	
			1.0975	33 CNTRL STN + OTHER (line 22) -3.53354
	22	CENTRAL STATION + OTHER GENERATION		34 DG (line 32) 0.00000
FACTOR, ¢/kWh (line (20 x 21)) (3.53354) 35 TOTAL GENERATION FACTOR,		FACTOR, ¢/kWh (line (20 x 21))	(3.53354)	
¢/kWh (lines 33 + 34) -3.53354				¢/kWh (lines 33 + 34) -3.53354

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - November 1, 2018 (page 2 of 2)

Line

1	Effective Date	November 1, 2018
2	Supercedes Factors	October 1, 2018

Line	PURCHASED ENERGY COMPONENT	
36 37	PURCHASED ENERGY PRICE, ¢/kWh FIT	21.800 0.000
38	Sch Q	0.000
39 40	PURCHASED ENERGY KWH MIX, % FIT	100.00 0.00
41	Sch Q	0.000
43	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (36 x 39) + (37 x 40) + (38 x 41)) % Input to System kWh Mix WEIGHTED COMPOSITE PURCHASED ENER	21.800 0.01 GY
	COST, ¢/kWh (lines (42 x 43))	0.00295
	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh Base % Input to Sys kWh Mix WEIGHTED BASE PURCHASED ENERGY	21.800 0.09
	COST, ¢/kWh (lines (45 x 46))	0.01962
49	COST LESS BASE (lines (44 - 47)) Loss Factor Revenue Tax Req Multiplier PURCHASED ENERGY FACTOR, ¢/kWh (lines (48 x 49 x 50))	(0.01667) 1.095 1.0975 (0.02003)

Line

SYSTEM COMPOSITE CALCULATIONS

52 GENERATION AND PURCHASED ENERGY		
FACTOR, ¢/kWh	(3.55357)	
(lines (35 + 51))		
53 Adjustment, ¢/kWh	0.000	
E4. ECA Deconciliation Adjustment	(0 4 4 2)	

- 54ECA Reconciliation Adjustment(0.143)55ECA FACTOR, ¢/kWh(3.697)
 - (lines (52 + 53 + 54))

Maui Electric Company, Ltd. Molokai Division

MONTH END FUEL OIL ESTIMATE

	Barrels	MBTU	\$
10/15/2018	5,011.69	28,716.99	1,146,112.42
Estimated Use	2,624.64	15,039.19	275,772.50
Estimated Received	5,800.00	33,234.00	-
Estimated Additional			-
Estimated End	8,187.05	46,911.80	870,339.92

Next Months Expense = \$ 106.3069 /bbl

FUEL OIL INVENTORY PRICE USED FOR FILING

Type of Oil Burned	Price	Conversion Factor	Prices ¢/MBTU
Diesel	\$ 106.3069	5.73 BTU/BBL	1855.27

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION

Contract Prices effective October 1, 2018

TYPE OF OIL BURNED	\$/BBL	¢/MBTU
ULTRA LOW SULFUR DIESE	L	
Tax *	2.2098	38.57
Ocean Transportation	1.7209	30.03
Storage	4.8063	83.88
Wharfage	0.2900	5.06

- * 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 ECA Reconciliation Adjustment

November 2018

1. Amount to be refunded	(\$9,100)
2. Monthly amount (1/3 x Line 1)	(\$3,033)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$3,329)
5. Estimated Sales (November 2018)	2,323 mwh
6. Adjustment (Line 4 ÷ Line 5)	-0.143 ¢/kwh

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION 2018 FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY (Thousand \$)

<u>Line</u>	Description	Without Deadband 3rd Quarter <u>YTD Total</u>	collection by <u>company*</u>	Basis for Recon With Deadband 3rd Quarter <u>YTD Total</u>	collection by <u>company*</u>
	Actual Costs				
1	Generation	\$4,239.5		\$4,239.5	
2 3	Distributed Generation Purch Power	\$0.0 \$0.8		\$0.0 \$0.8	
Ū					
4	Total	\$4,240.3		\$4,240.3	
	Fuel Filing Cost				
5	Generation	\$4,286.8		\$4,270.7	
6	Distributed Generation	\$0.0		\$0.0	
7	Purch Power	\$0.8		\$0.8	
8	Total	\$4,287.6		\$4,271.5	
	Base Fuel Cost				
9	Generation	\$5,179.2		\$5,179.2	
10	Distributed Generation	\$0.0		\$0.0	
11	Purch Power	\$0.8		\$0.8	
12	Total	\$5,180.0		\$5,180.0	
13	FUEL - BASE COST (Line 8-12)	-\$892.4		-\$908.5	
14	ACTUAL FOA REVENUE LESS TAX	-\$905.1		-\$905.1	
15	FOA reconciliation adj for prior years	-\$11.0		-\$11.0	
16	ADJUSTED FOA LESS TAX	-\$894.1		-\$894.1	
17	FOA-(FUEL-BASE) (Line 16-13)	-\$1.7		\$14.4	
	ADJUSTMENTS				
18	Current year FOA accrual reversal	\$14.1		\$14.1	
19	Other prior year FOA	\$0.0		\$0.0	
20	Other	\$0.0		\$0.0	
21	3rd QUARTER FOA RECONCILIATION (Lines 17+18+19+20)	\$12.4	Over	\$28.5	Over
22	22 2nd QUARTERLY YTD 2018 FOA Reconciliation Recognized in FOA Rates			\$19.4	Over
23	FOA Reconciliation to be Refunded November 2018 to January	2019 (Line 22- 21)		<u>-\$9.1</u> T	o Be Refunded

* 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, 2018 through August 22, 2018

	<u>Notes</u>	<u>YTD</u>
Palaau Diesel		
Palaau Diesel Efficiency Factor (TY2012), BTU/kWh	f	11,194
Palaau Diesel Deadband Definition, +/- BTU/kWh	d	50
		10.000
Palaau Diesel Portion of Recorded Sales, MWh	а	18,269
Palaau Diesel Consumption (Recorded), MMBTU	b	201,641
Palaau Diesel Efficiency Factor (Recorded), BTU/kWh	c = (b/a)*1000	11,037
Lower limit of Palaau Diesel Deadband, BTU/kWh	e = f-d	11,144
Higher limit of Palaau Diesel Deadband, BTU/kWh	g = f+d	11,244
Palaau Diesel Efficiency Factor for cost-recovery, BTU/kWh	h = c, e, or g	11,144

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION DEADBAND CALCULATION

Determination of Efficiency Factor to use for Cost-Recovery Purposes Period: August 23, 2018 through September 30, 2018

	Notes	<u>YTD</u>
<u>Palaau Diesel</u> Palaau Diesel Efficiency Factor (TY2018), BTU/kWh Palaau Diesel Deadband Definition, +/- BTU/kWh	f d	11,127 50
Palaau Diesel Portion of Recorded Sales, MWh Palaau Diesel Consumption (Recorded), MMBTU Palaau Diesel Efficiency Factor (Recorded), BTU/kWh	a b c = (b/a)*1000	3,305 36,782 11,128
Lower limit of Palaau Diesel Deadband, BTU/kWh Higher limit of Palaau Diesel Deadband, BTU/kWh	e = f-d g = f+d	11,077 11,177
Palaau Diesel Efficiency Factor for cost-recovery, BTU/kWh	h = c, e, or g	11,128

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION GENERATION FUEL FILING COST AND GENERATION BASE FUEL COST, WITHOUT and WITH DEADBAND 2018

_	Without Deadband	With Deadband - AS FILED
	<u>Jan 1 - Sep 30</u>	<u>Jan 1 - Sep 30</u>
DIESEL FUEL FILING COST		
Diesel Portion of Recorded Sales, MWH	21,574	21,574
Diesel Sales Efficiency Factor (mmbtu/kwh)	0.011194	0.011144
Mmbtu adjusted for Sales Efficiency Factor	241,503	240,425
\$/mmbtu	<u>\$17.7503</u>	<u>\$17.7631</u>
TOTAL DIESEL \$000s TO BE RECOVERED	\$4,286.8	\$4,270.7
TOTAL GENERATION FUEL FILING COST, \$000s	\$4,286.8	\$4,270.7
TOTAL GENERATION BASE FUEL COST , \$000s YT	D \$5,179.2	\$5,179.2
TOTAL GENERATION FUEL FILING COST, \$000s YT	D \$4,286.8	\$4,270.7
TOTAL GENERATION BASE FUEL COST, \$000s YTE	D \$5,179.2	\$5,179.2

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION 2018 Cumulative Reconciliation Balance

	(1)		(2) FOA Rec	(3) FOA Rec	(4)	(5)	(6) Month-end
	YTD FOA		Adjust	Less	Try to	Actual	Cumulative
<u>Month</u>	Reconciliation	<u>Qtr</u>	Variance	Variance	<u>Collect</u>	<u>Collect</u>	<u>Balance</u>
December '17					(533)	(534)	528
January '18					(533)	(550)	(22)
February	10,400	(4)	-	10,400	(3,467)	(3,397)	6,981
March					(3,467)	(3,553)	3,428
April					(3,467)	(3,687)	(259)
May	4,000	(1)	(33)	4,033	(1,333)	(1,344)	2,430
June					(1,333)	(1,426)	1,004
July					(1,333)	(1,444)	(440)
August	15,400	(2)	(324)	15,724	(5,133)	(5,673)	9,611
September					(5,133)	(5,564)	4,047
October					(5,133)		
November	9,100	(3)	(1,082)	10,182	(3,033)		
NOTES:							
Col(1):	Quarterly FOA re				,	n under-colle	ction.

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			
		10-01-18	11-01-18	
Base Rates	effective date:	08/01/13	08/01/13	
Base Fuel/Energy Charge	¢/kWh	26.3468	26.3468	
Non-fuel Fuel Energy Charge				
First 250 kWhr per month	¢/kWh	11.4278	11.4278	
Next 500 kWhr per month	¢/kWh	14.0778	14.0778	
Customer Charge	\$	8.50	8.50	
Total Base Charges				
-				
IRP Refund	% on base	0.000	0.000	
Revenue Balancing Rate Adjustment	¢/kWh	0.3183	0.3183	
PBF Surcharge	¢/kWh	0.4658	0.4658	
Renewable Energy Infrastructure Cost				
Recovery Provision	¢/kWh	0.0000	0.0000	
SolarSaver Adjustment	¢/kWh	0.0000	0.0000	
Interim Rate Increase (Test Year 2018)	% on base	6.68	6.68	
Energy Cost Adjustment	¢/kWh	-4.054	-3.697	
Green Infrastructure Fee	\$	1.21	1.21	

Avg Residential Bill at 400 kwh

1	Charge (\$) at 400 Kwh				
	10-01-18	11-01-18	Difference		
	105.39	105.39	0.00		
	28.57	28.57	0.00		
	21.12	21.12	0.00		
	8.50	8.50	0.00		
	163.58	163.58	0.00		
	0.00	0.00	0.00		
	1.27	1.27	0.00		
	1.86	1.86	0.00		
	0.00	0.00	0.00		
	0.00	0.00	0.00		
	10.93	10.93	0.00		
	-16.22	-14.79	1.43		
	1.21	1.21	0.00		
	162.63	164.06			

Increase (Decrease -) % Change

1.43 0.88%

		Rate			
		10-01-18	11-01-18		
Base Rates	effective date:	08/01/13	08/01/13		
Base Fuel/Energy Charge	¢/kWh	26.3468	26.3468		
Non-fuel Fuel Energy Charge					
First 250 kWhr per month	¢/kWh	11.4278	11.4278		
Next 500 kWhr per month	¢/kWh	14.0778	14.0778		
Customer Charge	\$	8.50	8.50		
Total Base Charges					
IRP Refund	% on base	0.000	0.000		
Revenue Balancing Rate Adjustment	¢/kWh	0.3183	0.3183		
PBF Surcharge	¢/kWh	0.4658	0.4658		
Renewable Energy Infrastructure Cost					
Recovery Provision	¢/kWh	0.0000	0.0000		
SolarSaver Adjustment	¢/kWh	0.0000	0.0000		
Interim Rate Increase (Test Year 2018)	% on base	6.68	6.68		
Energy Cost Adjustment	¢/kWh	-4.054	-3.697		
Green Infrastructure Fee	2	1 21	1 21		

\$

Charge (\$) at 500 Kwh					
10-01-18 11-01-18 Differer					
131.73	131.73	0.00			
28.57	28.57	0.00			
35.19	35.19	0.00			
8.50	8.50	0.00			
203.99	203.99	0.00			
0.00	0.00	0.00			
1.59	1.59	0.00			
2.33	2.33	0.00			
0.00	0.00	0.00			
0.00	0.00	0.00			
13.63	13.63	0.00			
-20.27	-18.49	1.78			
1.21	1.21	0.00			
202.48	204.26				

Avg Residential Bill at 500 kwh

Green Infrastructure Fee

Increase (Decrease -) % Change

1.21

1.21

1.78 0.88%

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

	FUEL FACTOR CENTS / KWH		
	RESIDENTIAL &	RESIDENT	TAL BILL (\$)
EFFECTIVE DATE	COMMERCIAL		<u>@ 500 KWH</u>
January 1, 2016	-9.942	133.44	165.99
February 1, 2016	-11.270	128.13	159.35
March 1, 2016	-12.649	122.61	152.45
April 1, 2016	-13.391	118.92	147.82
May 1, 2016	-13.226	120.31	149.57
June 1, 2016	-13.376	118.95	147.87
July 1, 2016	-12.675	122.03	151.76
August 1, 2016	-9.906	133.11	165.61
September 1, 2016	-9.794	133.55	166.17
October 1, 2016	-11.131	128.21	159.48
November 1, 2016	-9.970	132.85	165.29
December 1, 2016	-9.244	135.75	168.92
January 1, 2017	-8.940	137.11	170.58
February 1, 2017	-8.792	137.70	171.32
March 1, 2017	-8.066	140.61	174.95
April 1, 2017	-8.432	138.59	172.43
May 1, 2017	-8.851	137.47	171.02
June 1, 2017	-8.516	139.44	173.49
July 1, 2017	-8.482	138.83	172.76
August 1, 2017	-9.670	134.08	166.82
September 1, 2017	-10.692	129.95	161.66
October 1, 2017	-9.093	136.35	169.65
November 1, 2017	-4.912	153.07	190.56
December 1, 2017	-5.591	150.36	187.16
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
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October 1, 2018	-4.054	162.63	202.48
November 1, 2018	-3.697	164.06	204.26

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE		RATE
06/01/11 08/01/13	IRP RECOVERY REFUND FINAL RATE INCREASE (1.25%), DOCKET NO. 2011-0092 (201		PERCENT ON BASE
01/01/16 - 06/30/16	GREEN INFRASTRUCTURE FEE		DOLLARS/MONTH
03/01/16 - 02/28/17	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0099	CENTS/KWH
04/01/16 - 04/30/16	SOLARSAVER ADJUSTMENT	-0.1835	CENTS/KWH
05/01/16 - 03/31/17	SOLARSAVER ADJUSTMENT		CENTS/KWH
06/01/16 - 05/31/17	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH
07/01/16 - 06/30/17	RESID. PBF SURCHARGE ADJUSTMENT	0.5865	CENTS/KWH
07/01/16 - 12/31/16	GREEN INFRASTRUCTURE FEE	1.13	DOLLARS/MONTH
01/01/17 - 06/30/17	GREEN INFRASTRUCTURE FEE	1.27	DOLLARS/MONTH
03/01/17 - 08/16/17	RENEWABLE ENERGY INFRASTRUCTURE COST RECOVERY PROVISION	0.0098	CENTS/KWH
04/01/17 - 04/30/17	SOLARSAVER ADJUSTMENT	-0.1378	CENTS/KWH
05/01/17 - 03/31/18	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
6/1/2017 - 05/31/18	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.5654	CENTS/KWH
07/01/17 - 12/31/17	GREEN INFRASTRUCTURE FEE	1.18	DOLLARS/MONTH
08/17/17	RENEWABLE ENERGY INFRASTRUCTURE COST	0.0000	CENTS/KWH
	RECOVERY PROVISION		
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	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH
06/01/18 - 08/22/18	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	1.8954	CENTS/KWH
07/01/18	RESID. PBF SURCHARGE ADJUSTMENT	0.4658	CENTS/KWH
07/01/18	GREEN INFRASTRUCTURE FEE	1.21	DOLLARS/MONTH
08/23/18	INTERIM RATE INCREASE 2018 TEST YEAR	6.68	PERCENT ON BASE
08/23/18	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT	0.3183	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.