

December 27, 2018

2010 DEC 27 P 3: 18

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 January 2019

Maui Electric Company, Limited's ("Maui Electric" or "Company") January 2019 Energy Cost Adjustment factor for our Maui Division is -3.405 cents per kilowatt-hour ("kWh"), a decrease of 1.004 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$174.77, a decrease of \$4.88 compared to rates effective December 1, 2018. The decrease in the typical residential bill is due to the decrease in the Energy Cost Adjustment factor (-\$5.02) partially offset by the increase in the Green Infrastructure Fee (+\$0.14).

The Company's Maui Division fuel composite cost of generation, central station and other decreased 150.71 cents per million BTU to 1,594.92 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy increased 1.812 cents per kWh to 19.747 cents per kWh.

The Energy Cost Adjustment factor for our Lana'i Division for January 2019 is -6.950 cents per kWh, a decrease of 1.554 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$165.81, a decrease of \$6.08 compared to rates effective December 1, 2018. The decrease in the typical residential bill is due to the decrease in the Energy Cost Adjustment factor (-\$6.22) partially offset by the increase in the Green Infrastructure Fee (+\$0.14).

The Company's Lāna'i Division fuel composite cost of generation, central station and other decreased 143.53 cents per million BTU to 2,062.73 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 January 2019 is -3.771 cents per kWh, a decrease of 2.340 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$163.91, a decrease of \$9.22 compared to rates effective December 1, 2018. The decrease in the typical residential bill is due The Honorable Chair and Members of the Hawai'i Public Utilities Commission December 27, 2018 Page 2

to the decrease in the Energy Cost Adjustment factor (-\$9.36) partially offset by the increase in the Green Infrastructure Fee (+\$0.14).

The Company's Moloka'i Division fuel composite cost of generation, central station and other decreased 190.38 cents per million BTU to 1,849.33 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 January 1, 2019.

Sincerely,

Sharm m. Azalei

Sharon M. Suzuki President

Attachments

cc: Division of Consumer Advocacy

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION

ENERGY COST ADJUSTMENT FACTOR

| | EFFECTIVE DATES | | | |
|----------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|--------------------------|--|
| | <u>12-01-18</u> | <u>01-01-19</u> | <u>Change</u> | |
| <u>COMPOSITE COSTS</u> Generation, Central Station & Other, ¢/mbtu DG Energy, ¢/kWh Purchased Energy, ¢/kWh | 2,039.71 0.00 21.80 | 1,849.33 0.00 21.80 | (190.38) 0.00 0.00 | |
| Residential Schedule "R" | | | | |
| Energy Cost Adjustment, ¢/kWh | (1.431) | (3.771) | (2.340) | |
| <u>Others - "G,P,F"</u> | | | | |
| Energy Cost Adjustment, ¢/kWh | (1.431) | (3.771) | (2.340) | |
| Residential Customer with | | | | |
| 400 KWH Consumption, \$/Bill 500 KWH Consumption, \$/Bill | 173.13 215.59 | 163.91 204.03 | (9.22) (11.56) | |

| Supersedes Sheet Effective: | December 1, 2018 |
|-----------------------------|------------------|
| | , |

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

ENERGY COST ADJUSTMENT (ECA) FILING - January 1, 2019 (page 1 of 2)

Line

| _ | | |
|---|----------------|-----------------|
| 1 | Effective Date | January 1, 2019 |

| 2 Supercedes Factors | December 1, 2018 |
|----------------------|------------------|
|----------------------|------------------|

GENERATION COMPONENT

| | CENTRAL STATION | | |
|----------|--------------------------------------------------------------|----------------------|------------------------------------------|
| | FUEL PRICES, ¢/mmbtu | | |
| - | Industrial | 0.00 | |
| - | Diesel | 1,849.33 | |
| 5 | Other | 0.00 | |
| | BTU MIX, % | | DG ENERGY COMPONENT |
| 6 | Industrial | 0.00 | 23 COMPOSITE COST OF DG |
| - | Diesel | 100.00 | ENERGY, ¢/kWh 0.000 |
| | Other | 0.00 | 24 % Input to System kWh Mix 0.00 |
| Ũ | | 100.00 | |
| | | | 25 WEIGHTED COMPOSITE DG ENERGY COST, |
| 9 | COMPOSITE COST OF GENERATION, | | ¢/kWh (Lines 23 x 24) 0.00000 |
| | CENTRAL STATION + OTHER ¢/mmbtu | 1,849.33 | |
| | (Lines (3 x 6) + (4 x 7) + (5 x 8)) | | |
| 10 | % Input to System kWh Mix | 99.99 | 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 |
| | <u>Fuel Type mmbtu/kwh</u> Other | Eff Factor | 30 Loss Factor 1.095 |
| 11 | Industrial 0.000000 0.00 | 0.000000 | 31 Revenue Tax Req Multiplier 1.0975 |
| 12 13 | | 0.011194 0.000000 | 32 DG FACTOR, |
| 15 | (Lines 11, 12, 13): Col(B) x Col(C) = Col(D) | 0.000000 | ¢/kWh (Line 29 x 30 x 31) 0.00000 |
| 14 | Weighted Efficiency Factor, mmbtu/kWh | | |
| 14 | [lines $11(D) + 12(D) + 13(D)$] | 0.011194 | |
| | | 0.011104 | |
| 15 | WEIGHTED COMPOSITE CENTRAL STATION | + | |
| | OTHER GENERATION COST, ¢/kWh | | |
| | (lines (9 x 10 x 14)) | 20.69845 | |
| | | | |
| 16 | BASE CENTRAL STATION + OTHER | | |
| | GENERATION COST, ¢/mmbtu | 2,144.57 | |
| | Base % Input to Sys kWh Mix | 99.91 | |
| | Efficiency Factor, mmbtu/kwh | 0.011194 | |
| 19 | WEIGHTED BASE CENTRAL STATION + OTH GENERATION COST ¢/kWh | EK | |
| | (lines (16 x 17 x 18)) | 23.98471 | |
| | | 23.3041 | SUMMARY OF |
| 20 | COST LESS BASE (line(15 - 19)) | (3.28626) | |
| | Revenue Tax Req Multiplier | (0.20020) | 33 CNTRL STN + OTHER (line 22) -3.60667 |
| | CENTRAL STATION + OTHER GENERATION | | 34 DG (line 32) 0.00000 |
| | FACTOR, ¢/kWh (line (20 x 21)) | (3.60667) | , |
| | | , - / | ¢/kWh (lines 33 + 34) -3.60667 |
| | | | |

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

ENERGY COST ADJUSTMENT (ECA) FILING - January 1, 2019 (page 2 of 2)

Line

| 1 | Effective Date | January 1, 2019 |
|---|--------------------|------------------|
| 2 | Supercedes Factors | December 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 |
| 42 | COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (36 x 39) + (37 x 40) + (38 x 41)) | 21.800 |
| | % Input to System kWh Mix | 0.01 |
| 44 | WEIGHTED COMPOSITE PURCHASED ENER COST, ¢/kWh (lines (42 x 43)) | 0.00311 |
| 46 | BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh Base % Input to Sys kWh Mix WEIGHTED BASE PURCHASED ENERGY | 21.800 0.09 |
| 47 | COST, ¢/kWh (lines (45 x 46)) | 0.01962 |
| 49 50 | COST LESS BASE (lines (44 - 47)) Loss Factor Revenue Tax Req Multiplier PURCHASED ENERGY FACTOR, ¢/kWh (lines (48 x 49 x 50)) | (0.01651) 1.095 1.0975 (0.01984) |

Line

SYSTEM COMPOSITE CALCULATIONS

- 52 GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (3.62651) (lines (35 + 51))
 53 Adjustment, ¢/kWh 0.000
 54 ECA Reconciliation Adjustment (0.144)
- 55 ECA FACTOR, c/kWh (3.771)
 - (lines (52 + 53 + 54))

Maui Electric Company, Ltd. Molokai Division

MONTH END FUEL OIL ESTIMATE

| | Barrels | MBTU | \$ |
|----------------------|-----------|-----------|--------------|
| 12/17/2018 | 10,722.07 | 61,437.47 | 1,136,180.11 |
| Estimated Use | - | - | - |
| Estimated Received | - | - | - |
| Estimated Additional | - | - | - |
| Estimated End | 10,722.07 | 61,437.47 | 1,136,180.11 |

Next Months Expense = \$ 105.9665 /bbl

FUEL OIL INVENTORY PRICE USED FOR FILING

| Type of Oil Burned | Price | Conversion Factor | Prices ¢/MBTU |
|--------------------|-------------|-------------------|---------------|
| Diesel | \$ 105.9665 | 5.73 BTU/BBL | 1849.33 |

MAUI ELECTRIC COMPANY, LTD. MOLOKAI DIVISION

Contract Prices effective December 1, 2018

| TYPE OF OIL BURNED | \$/BBL | ¢/MBTU |
|-----------------------|--------|--------|
| | | |
| ULTRA LOW SULFUR DIES | SEL | |
| Tax * | 2.1646 | 37.78 |
| Ocean Transportation | 1.6472 | 28.75 |
| 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

January 2019

| 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 (January 2019) | 2,307 mwh |
| 6. Adjustment (Line 4 ÷ Line 5) | -0.144 ¢/kwh |

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

| Month | (1) YTD FOA Reconciliation | Otr | (2) FOA Rec Adjust | (3) FOA Rec Less | (4) Try to | (5) Actual | (6) Month-end Cumulative |
|-------------------------------------|----------------------------------|------------|--------------------------|------------------------|-------------------------------|-------------------------------|--------------------------------|
| MONT | Reconciliation | <u>Qtr</u> | Variance | Variance | <u>Collect</u> | <u>Collect</u> | <u>Balance</u> |
| December '17 January '18 | 10,400 | (4) | | 10, 100 | (533) (533) | (534) (550) | 528 (22) |
| February March April | 10,400 | (4) | - | 10,400 | (3,467) (3,467) (3,467) | (3,397) (3,553) (3,687) | 6,981 3,428 (259) |
| June July | 4,000 | (1) | (33) | 4,033 | (1,333) (1,333) (1,333) | (1,344) (1,426) (1,444) | 2,430 1,004 (440) |
| August September October | 15,400 | (2) | (324) | 15,724 | (5,133) (5,133) (5,133) | (5,673) (5,564) (5,599) | 9,611 4,047 (1,552) |
| November December January '19 | 9,100 | (3) | (1,082) | 10,182 | (3,033) (3,033) (3,033) | (3,149) | 5,481 |

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 | | |
|----------------------------------------|-----------------|----------|----------|--|
| | | 12-01-18 | 01-01-19 | |
| | | | | |
| 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 | Ť | | | |
| · · · · · · · · · · · · · · · · · · · | | | | |
| IRP Refund | % on base | 0.000 | 0.000 | |
| | /0 011 2000 | 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 | -1.431 | -3.771 | |
| Green Infrastructure Fee | \$ | 1.21 | 1.35 | |

Avg Residential Bill at 400 kwh

| Charge (\$) at 400 Kwh | | | |
|------------------------|----------|------------|--|
| 12-01-18 | 01-01-19 | 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 | |
| -5.72 | -15.08 | -9.36 | |
| 1.21 | 1.35 | 0.14 | |
| 173.13 | 163.91 | | |

Increase (Decrease -) % Change

-9.22 -5.33%

| | Rate | | |
|----------------------------------------|-----------------|----------|----------|
| | | 12-01-18 | 01-01-19 |
| | | | |
| 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 | -1.431 | -3.771 |
| Green Infrastructure Fee | \$ | 1.21 | 1.35 |

| Charge (\$) at 500 Kwh | | | |
|------------------------|----------|------------|--|
| 12-01-18 | 01-01-19 | Difference | |
| | | | |
| 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 | |
| -7.16 | -18.86 | -11.70 | |
| 1.21 | 1.35 | 0.14 | |
| 215.59 | 204.03 | | |

Avg Residential Bill at 500 kwh

Increase (Decrease -) % Change

-11.56 -5.36%

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

| | FUEL FACTOR CENTS / KWH | | |
|-------------------|----------------------------|-----------------------|------------------|
| | RESIDENTIAL & | RESIDENTIAL BILL (\$) | |
| EFFECTIVE DATE | <u>COMMERCIAL</u> | <u>@ 400 KWH</u> | <u>@ 500 KWH</u> |
| | | | |
| 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 |
| 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 |

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 | | CENTS/KWH |
| | RECOVERY PROVISION | | |
| 04/01/16 - 04/30/16 | SOLARSAVER ADJUSTMENT | -0.1835 | CENTS/KWH |
| 05/01/16 - 03/31/17 | SOLARSAVER ADJUSTMENT | 0.0000 | CENTS/KWH |
| 06/01/16 - 05/31/17 | REVENUE BALANCING ACCOUNT RATE ADJUSTMENT | 1.4082 | 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 | 0.0098 | CENTS/KWH |
| | RECOVERY PROVISION | | |
| 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 - 12/31/18 | 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 |
| 01/01/19 | GREEN INFRASTRUCTURE FEE | 1.35 | 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.