



Public Utilities Commission

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SHARON M. SUZUKI President

April 27, 2016

The Honorable Chair and Members of the Hawai'i Public Utilities Commission Kekuanaoa Building, First Floor 465 South King Street Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: Maui Electric Energy Cost Adjustment Factor for May 2016

Maui Electric Company, Limited's ("Maui Electric" or "Company") May 2016 energy cost adjustment factor for our Maui Division is -10.483 cents per kilowatt-hour ("kWh"), a decrease of 1.715 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$132.89, a decrease of \$7.48 compared to rates effective April 1, 2016. The decrease in the typical residential bill is due to the decrease in the energy cost adjustment factor (-\$8.58), the setting to zero of the Purchased Power Adjustment Clause rate (+\$0.18), and the termination of the April 2016 credit for the SolarSaver Adjustment (+\$0.92).

The Company's Maui Division fuel composite cost of generation, central station and other decreased 20.57 cents per million BTU to 837.44 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy increased 0.908 cents per kWh to 19.786 cents per kWh.

The energy cost adjustment factor for our Lāna'i Division for May 2016 is -13.856 cents per kWh, an increase of 1.348 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$132.03, an increase of \$6.13 compared to rates effective April 1, 2016. The increase in the typical residential bill is due to the increase in the energy cost adjustment factor (+\$5.40) and the termination of the April 2016 credit for the SolarSaver Adjustment (+\$0.73).

The Company's Lāna'i Division fuel composite cost of generation, central station and other increased 165.07 cents per million BTU to 1,417.87 cents per million BTU. The composite cost of DG energy is 0.00 cents per kWh. The composite cost of purchased energy is 27.000 cents per kWh.

The energy cost adjustment factor for our Moloka'i Division for May 2016 is -13.226 cents per kWh, an increase of 0.165 cents per kWh from last month. A residential customer consuming 400 kWh of electricity will be paying \$120.31, an increase of \$1.39 compared to rates effective April 1, 2016. The increase in the typical residential bill is due to the The Honorable Chair and Members of the Hawai'i Public Utilities Commission April 27, 2016 Page 2

increase in the energy cost adjustment factor (+\$0.66) and the termination of the April 2016 credit for the SolarSaver Adjustment (+\$0.73).

The Company's Moloka'i Division fuel composite cost of generation, central station and other increased 0.29 cents per million BTU to 1,057.73 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 May 1, 2016.

Sincerely,

/s/ Sharon M. Suzuki

Sharon M. Suzuki President

Attachments

cc: Division of Consumer Advocacy

ENERGY COST ADJUSTMENT FACTOR

	EFFECTIVE DATES		
	<u>04-01-16</u>	<u>05-01-16</u>	<u>Change</u>
<u>COMPOSITE COSTS</u> Generation, Central Station & Other, ¢/mbtu DG Energy, ¢/kWh Purchased Energy, ¢/kWh	1,252.80 0.00 27.00	1,417.87 0.00 27.00	165.07 0.00 0.00
Residential Schedule "R"			
Energy Cost Adjustment, ¢/kWh	(15.204)	(13.856)	1.348
<u>Others - "G,P,F"</u> Energy Cost Adjustment, ¢/kWh	(15.204)	(13.856)	1.348
	(10.204)	(10.000)	1.040
Residential Customer with			
400 KWH Consumption, \$/Bill	125.90	132.03	6.13
500 KWH Consumption, \$/Bill	156.47	164.13	7.66

Supersedes Sheet Effective:	April 1, 2016
	/ ipin 1, 2010

ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - May 1, 2016 (page 1 of 2)

Line

1	Effective Date	May 1, 2016
2	Supercedes Factors of	April 1, 2016

2 Supercedes Factors of

GENERATION COMPONENT

	CENTRAL STATION			
	FUEL PRICES, ¢/mmbtu			
3	Industrial	0.00		
4	Diesel - Miki Basin	1,417.87		
	Diesel - Manele Bay	0.00		
	Other	0.00		
	BTU MIX, %		DG ENERGY COMPONENT	
7	Industrial	0.00%	25 COMPOSITE COST OF DG	
8	Diesel - Miki Basin	100.00%	ENERGY, ¢/kWh	0.000
9	Diesel - Manele Bay ¹	0.00%		
	Other	0.00%	26 % Input to System kWh Mix	0.00%
		100.00%		0.0070
		10010070	27 WEIGHTED COMPOSITE DG ENERGY	
11	COMPOSITE COST OF GENERATION,		COST, ¢/kWh (Lines 25 x 26)	0.00000
	CENTRAL STATION + OTHER ¢/mmbt	u 1,417.87		0.00000
	(Lines $(3 \times 7) + (4 \times 8) + (5 \times 9) + (6 \times 10)$			
12	% Input to System kWh Mix	90.52%	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	1.0510
13	Industrial 0.000000 0.00	-	33 Revenue Tax Reg Multiplier	1.0975
14	Diesel 0.011151 100.00	0.011151	34 DG FACTOR,	
15	Other 0.011151 0.00	0.000000	¢/kWh (Line 31 x 32 x 33)	0.00000
	(Lines 13, 14, 15): Col(B) x Col(C) = C	ol(D)		
16	Weighted Efficiency Factor, mmbtu/kWh	()		
_	[lines 13(D) + 14(D) + 15(D)]	0.011151		
17	WEIGHTED COMPOSITE CENTRAL ST	ATION +		
	OTHER GEN COST, ¢/kWh			
	(lines (11 x 12 x 16))	14.31182		
18	BASE CENTRAL STATION + OTHER GE	ENERATION		
	COST, ¢/mmbtu	2,647.15		
19	Base % Input to Sys kWh Mix	89.65%		
20	Efficiency Factor, mmbtu/kwh	0.011151		
21	WEIGHTED BASE CENTRAL STATION	+		
	OTHER GENERATION COST ¢/kWh			
	(lines (18 x 19 x 20))	26.46322		
			SUMMARY OF	
	COST LESS BASE (line(17 - 21))	(12.15140)		
	Revenue Tax Req Multiplier	1.0975		13.33616)
24	CENTRAL STATION + OTHER GENERA	-	36 DG (line 34)	-
	FACTOR, ¢/kWh (line (22 x 23))	-13.33616	37 TOTAL GENERATION FACTOR,	
			¢/kWh (lines 35 + 36) (13.33616)

¹ The Manele CHP experienced a catastrophic fire on March 6, 2015. Its return to service is undetermined at this time.

ENERGY COST ADJUSTMENT (ECA) FILING

ENERGY COST ADJUSTMENT (ECA) FILING - May 1, 2016 (page 2 of 2)

<u>Line</u> 1 Effe

ective Date	May 1, 2016
	A

2 Supercedes Factors of	April 1, 2016
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Line	PURCHASED ENERGY COMPON	NENT
38 39	PURCHASED ENERGY PRICE, ¢/kWh LANAI SOLAR RESEARCH - On Peak - Off Peak	27.000 27.000
40	Sch Q	0.000
41 42	PURCHASED ENERGY KWH MIX, % LANAI SOLAR RESEARCH - On Peak - Off Peak	100.00% 0.00%
43	Sch Q	0.00%
44	COMPOSITE COST OF PURCHASED ENERGY, ¢/kWh (Lines (38 x 41) + (39 x 42) + (40 x 43))	27.000
	% Input to System kWh Mix	9.48%
46	WEIGHTED COMP. PURCH. ENERGY COST, ¢/kWh (lines (44 x 45))	2.55960
48	BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh Base % Input to Sys kWh Mix WEIGHTED BASE PURCHASED ENERGY	27.000 10.35
50	COST, ¢/kWh (lines (47 x 48))	2.79450
	COST LESS BASE(lines (46 - 49)) Loss Factor	(0.23490) 1.051
	Revenue Tax Req Multiplier	1.0975
53	PURCHASED ENERGY FACTOR, ¢/kWh (lines (50 x 51 x 52))	(0.27095)

Line SYSTEM COMPOSITE CALCULATIONS

54	54 GENERATION AND PURCHASED ENERGY			
	FACTOR, ¢/kWh	(13.60711)		
	(lines (37 + 53))			
55	Adjustment, ¢/kWh	0.000		
56	ECA Reconciliation Adjustment	(0.249)		
57	ECA FACTOR, ¢/kWh	(13.856)		
	(lines (54 + 55 + 56))			

Maui Electric Company, Ltd. Lanai Division

MONTH END FUEL OIL ESTIMATE

<u>Miki Basin - ULSD</u>	Barrels		MBTU	\$
4/21/2016	3,570.26		20,457.53	277,344.15
Estimated Use	1,221.76		7,000.68	87,704.58
Estimated Received	714.29		4,092.88	56,292.05
Estimated Additional	777.36		4,454.27	66,057.71
Estimated End	3,840.15		22,004.00	311,989.33
Next Month's Combined Miki Exp	ense (\$/bbl)	=	\$ 81.2440 /bbl	

FUEL OIL INVENTORY PRICE USED FOR FILING

Type of Oil Burned	Price	Conversion Factor	Prices ¢/MBTU
Diesel - Miki Basin	\$ 81.2440	5.73 BTU/BBL	1,417.87

Contract Prices effective April 1, 2016

TYPE OF OIL BURNED	\$/BBL	¢/MBTU

MIKI BASIN - ULTRA LOW SULFUR DIESEL (DYED)				
Tax *	1.5120	26.39		
Ocean Transportation	0.0000	0.00		
Storage	0.0000	0.00		
Wharfage	0.0000	0.00		

MIKI BASIN - ULTRA LOW SULFUR DIESEL

Tax *	1.5120	26.39
Ocean Transportation	0.0000	0.00
Storage	0.0000	0.00
Wharfage	0.0000	0.00

- * Tax includes HGET, Hawaii Use Tax, Liquid Fuel Tax, LUST tax and Environmental Response 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 ECA Reconciliation Adjustment

May 2016

1. Amount to be refunded	(\$14,900)
2. Monthly amount (1 / 3 X Line 1)	(\$4,967)
3. Revenue Tax Divisor	0.91115
4. Total (Line 2 / Line 3)	(\$5,451)
5. Estimated Sales (May 2016)	2,193 mwh
6. Adjustment (Line 4 ÷ Line 5)	-0.249 ¢/kwh

MAUI ELECTRIC COMPANY, LTD. LANAI DIVISION 2016 FUEL OIL ADJUSTMENT RECONCILIATION SUMMARY (Thousand \$)

(Thousand \$)							
Line		Without Deadband 1st Quarter <u>YTD Total</u>	collectn by <u>company*</u>	Basis for Recon With Deadband 1st Quarter <u>YTD Total</u>	collectn by <u>company*</u>		
1 2 3	ACTUAL COSTS: Generation Distributed Generation Purch Power	\$884.4 \$0.0 \$181.2		\$884.4 \$0.0 \$181.2			
4	TOTAL	\$1,065.6		\$1,065.6			
5 6 7	FUEL FILING COST (1) Generation Distributed Generation Purch Power	\$931.1 \$0.0 \$181.2		\$926.9 \$0.0 \$181.2			
8	TOTAL	\$1,112.3		\$1,108.1			
9 10 11	BASE FUEL COST Generation Distributed Generation Purch Power	\$1,850.1 \$0.0 \$187.8		\$1,850.1 \$0.0 \$187.8			
12	TOTAL	\$2,037.9		\$2,037.9			
13	FUEL-BASE COST (Line 8-12)	-\$925.6		-\$929.8			
14 15	ACTUAL FOA LESS TAX FOA reconciliation adj for prior year	-\$908.2 \$6.7_		-\$908.2 \$6.7_			
16	ADJUSTED FOA LESS TAX	-\$914.9		-\$914.9			
17	FOA-(FUEL-BASE) (Line 16-13)	\$10.7	Over	\$14.9	Over		
18 19 20	ADJUSTMENTS Current year FOA accrual reversal Other prior year FOA Other	\$0.0 \$0.0 \$0.0		\$0.0 \$0.0 \$0.0			
21	1st QUARTER FOA RECONCILIATION (Lines 17+18+19+20)	\$10.7	Over	\$14.9	Over		
22	2015 YTD FOA Reconciliation Recognized in FOA Rates			\$0.0			
23	FOA Reconciliation to be Refunded May 2016 to July 2016 (Line	22-21)		-\$14.9	Refunded		
* •	er means an over-collection by the company						

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

MAUI ELECTRIC COMPANY, LTD. LANAI DIVISION DEADBAND CALCULATION

Determination of Efficiency Factor to use for Cost-Recovery Purposes Period: January 1, 2016 through March 31, 2016

	Notes	<u>Jan 1 - Mar 31</u>
<u>Diesel</u> Diesel Efficiency Factor (TY2009), BTU/kWh Diesel Deadband Definition, +/- BTU/kWh	f d	- 11,151 50
Diesel Portion of Recorded Sales, MWh Diesel Consumption (Recorded), MMBTU Diesel Efficiency Factor (Recorded), BTU/kWh	a b c = (b/a)*1000	6,293 67,171 10,674
Lower limit of Diesel Deadband, BTU/kWh Higher limit of Diesel Deadband, BTU/kWh	e = f-d g = f+d	11,101 11,201
Diesel Efficiency Factor for cost-recovery, BTU/kWh	h = c, e, or g	11,101

MAUI ELECTRIC COMPANY, LTD. LANAI DIVISION GENERATION FUEL FILING COST AND GENERATION BASE FUEL COST, WITHOUT and WITH DEADBAND 2016

	Without Deadband	With Deadband - AS FILED
	<u>Jan 1 - Mar 31</u>	<u>Jan 1 - Mar 31</u>
Diesel Portion of Recorded Sales, MWH	6,293	6,293
Diesel Sales Efficiency Factor (mmbtu/kwh)	0.011151	0.011101
Mmbtu adjusted for Sales Efficiency Factor	70,170	69,855
\$/mmbtu	<u>\$13.2691</u>	<u>\$13.2691</u>
TOTAL DIESEL \$000s TO BE RECOVERED	\$931.1	\$926.9
TOTAL GENERATION FUEL FILING COST, \$000s	\$931.1	\$926.9
TOTAL GENERATION BASE FUEL COST , \$000s YTD	\$1,850.1	\$1,850.1
TOTAL GENERATION FUEL FILING COST, \$000s YTD	\$931.1	\$926.9
TOTAL GENERATION BASE FUEL COST, \$000s YTD	\$1,850.1	\$1,850.1

MAUI ELECTRIC COMPANY, LTD. LANAI DIVISION 2016 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 Qtr	•	<u>Variance</u>	<u>Collect</u>	<u>Collect</u>	Balance
December '15	5			(2,067)	(2,151)	1,855
January '16				(2,067)	(2,194)	(339)
February	(13,300) (4)	(208)	(13,092)	4,433	4,591	(8,840)
March		. ,	. ,	4,433	4,930	(3,910)
April				4,433		
May	14,900 (1)	528	14,372	(4,967)		
NOTES:						
Col(1):	Quarterly FOA rec A positive number					r-collection
Col(2):	FOA reconciliation			•		
•••(=):	starting with the fo	-			•	
	sales used to deriv	•				
	(Col(5) - Col(4))		-			
Col(3):	FOA reconciliation	•		•	YTD FOA rec	onciliation
	difference minus th	-				
Col(4):	Amount that the F		•		•	(1) * 1/3)
. ,		•		•	,	
Col(5):	(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. Lanai Division Calculations of the Average Residential Customer Bill

	Rate			Charge (\$) at 400 Kwh		00 Kwh
		04-01-16	05-01-16	04-01-16	05-01-16	Difference
Base Rates	effective date:	08/01/13	08/01/13			
Base Fuel/Energy Charge	¢/kWh	32.2668	32.2668	129.07	129.07	0.00
Non-fuel Fuel Energy Charge						
First 250 kWhr per month	¢/kWh	9.1240	9.1240	22.81	22.81	0.00
Next 500 kWhr per month	¢/kWh	11.6240	11.6240	17.44	17.44	0.00
Customer Charge	\$	8.50	8.50	8.50	8.50	0.00
Total Base Charges				177.82	177.82	0.00
·						
IRP Refund	% on base	0.0000	0.0000	0.00	0.00	0.00
Revenue Balancing Rate Adjustment	¢/kWh	1.5987	1.5987	6.39	6.39	0.00
PBF Surcharge	¢/kWh	0.4749	0.4749	1.90	1.90	0.00
Renewable Energy Infrastructure Cost	,					
Recovery Provision	¢/kWh	0.0099	0.0099	0.04	0.04	0.00
SolarSaver Adjustment	¢/kWh	-0.1835	0.0000	-0.73	0.00	0.73
•						
Energy Cost Adjustment	¢/kWh	-15.204	-13.856	-60.82	-55.42	5.40
Green Infrastructure Fee	\$	1.30	1.30	1.30	1.30	0.00

Avg Residential Bill at 400 kwh

Increase (Decrease -)	6.13
% Change	4.87%

125.90

132.03

		Rate	
		04-01-16	05-01-16
Data Data	ff a stinue al stars	00/04/40	00/04/40
Base Rates	effective date:	08/01/13	08/01/13
Base Fuel/Energy Charge	¢/kWh	32.2668	32.2668
Non-fuel Fuel Energy Charge			
First 250 kWhr per month	¢/kWh	9.1240	9.1240
Next 500 kWhr per month	¢/kWh	11.6240	11.6240
Customer Charge	\$	8.50	8.50
Total Base Charges			
IRP Refund	% on base	0.0000	0.0000
Revenue Balancing Rate Adjustment	¢/kWh	1.5987	1.5987
PBF Surcharge	¢/kWh	0.4749	0.4749
Renewable Energy Infrastructure Cost	,		
Recovery Provision	¢/kWh	0.0099	0.0099
SolarSaver Adjustment	¢/kWh	-0.1835	0.0000
·····	,		
Energy Cost Adjustment	¢/kWh	-15.204	-13.856
Green Infrastructure Fee	, \$	1.30	1.30

Charge (\$) at 500 Kwh					
04-01-16	05-01-16	Difference			
161.33	161.33	0.00			
22.81	22.81	0.00			
29.06	29.06	0.00			
8.50	8.50	0.00			
221.70	221.70	0.00			
0.00	0.00	0.00			
7.99	7.99	0.00			
2.37	2.37	0.00			
0.05	0.05	0.00			
-0.92	0.00	0.92			
0.02	0.00	0.02			
-76.02	-69.28	6.74			
1.30	1.30	0.00			
156.47	164.13				

Increase (Decrease -) % Change

Avg Residential Bill at 500 kwh

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

	FUEL FACTOR CENTS / KWH		
	RESIDENTIAL &	RESIDENT	IAL BILL (\$)
EFFECTIVE DATE	COMMERCIAL		()
January 1, 2014	0.693	187.14	233.37
February 1, 2014	1.420	190.05	237.00
March 1, 2014	1.370	189.85	236.75
April 1, 2014	1.854	190.81	237.94
May 1, 2014	-1.036	180.23	224.72
June 1, 2014	0.013 0.208	187.69	234.05 235.94
July 1, 2014 August 1, 2014	-0.179	189.21 187.66	235.94
September 1, 2014	-0.244	187.40	233.68
October 1, 2014	-3.591	174.02	216.94
November 1, 2014	-1.766	181.32	226.07
December 1, 2014	-3.365	175.18	218.07
January 1, 2015	-4.698	169.85	211.41
February 1, 2015	-7.361	159.20	198.09
March 1, 2015	-8.793	153.47	190.93
April 1, 2015	-6.831	160.22	199.37
May 1, 2015	-9.750	149.64	186.15
June 8, 2015	-8.842	153.16	190.56
July 1, 2015	-7.314	158.27	196.91
August 1, 2015	-8.457	153.70	191.19
September 1, 2015	-10.465	145.71	181.20
October 1, 2015	-12.259	138.53	172.23
November 1, 2015	-12.177	138.86	172.64
December 1, 2015	-11.304	142.35	177.01
January 1, 2016	-12.957	135.62	168.62
February 1, 2016	-14.236	130.51	162.23
March 1, 2016	-15.833	124.12	154.24
April 1, 2016	-15.204	125.90	156.47
May 1, 2016	-13.856	132.03	164.13

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

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE		RATE	
01/01/11 - 12/31/11	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
01/12/11 - 05/03/12	FINAL RATE INCREASE (3.65%), DOCKET NO. 2006-0387 (2007 TEST YEAR)			
01/12/11 - 05/03/12	INTERIM RATE INCREASE 2010 TEST YEAR	2.68	PERCENT ON BASE	
02/01/11 - 02/28/11	IRP RECOVERY REFUND	-4.332	PERCENT ON BASE	
03/01/11 - 04/30/11	IRP RECOVERY REFUND	0.000	PERCENT ON BASE	
04/01/11 - 04/30/11	SOLARSAVER ADJUSTMENT	-0.0888	CENTS/KWH	
05/01/11 - 03/31/12	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH	
05/01/11 - 05/31/11	IRP RECOVERY REFUND	-0.356	PERCENT ON BASE	
06/01/11	FINAL RATE INCREASE (3.65%), DOCKET NO. 2006-0387 (INTERIM RATE INCREASE 2010 TEST YEAR IRP RECOVERY REFUND SOLARSAVER ADJUSTMENT SOLARSAVER ADJUSTMENT IRP RECOVERY REFUND IRP RECOVERY REFUND RESID. PBF SURCHARGE ADJUSTMENT SOLARSAVER ADJUSTMENT SOLARSAVER ADJUSTMENT	0.000	PERCENT ON BASE	
01/01/12 - 12/31/12	RESID. PBF SURCHARGE ADJUSTMENT	0.6766	CENTS/KWH	
04/01/12 - 04/30/12	SOLARSAVER ADJUSTMENT	-0.2392	CENTS/KWH	
05/01/12 - 03/31/13	SOLARSAVER ADJUSTMENT	0.0000	CENTS/KWH	
5/4/2012 - 07/31/13	FINAL RATE INCREASE (1.51%), DOCKET NO. 2009-0163 (2010 TEST YEAR)			
6/1/2012 - 07/31/13	INTERIM RATE INCREASE 2012 TEST YEAR		PERCENT ON BASE	
01/01/13 - 06/30/13	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
04/01/13 - 04/30/13	SOLARSAVER ADJUSTMENT		CENTS/KWH	
05/01/13 - 03/31/14	SOLARSAVER ADJUSTMENT		CENTS/KWH	
06/01/13 - 05/31/14	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH	
07/01/13 - 06/30/14	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
08/01/13	FINAL RATE INCREASE (1.25%), DOCKET NO. 2011-0092 (2012 TEST YEAR)			
04/01/14 - 04/30/14	SOLARSAVER ADJUSTMENT		CENTS/KWH	
05/01/14 - 03/31/15	SOLARSAVER ADJUSTMENT		CENTS/KWH	
06/01/14 - 05/31/15	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH	
07/01/14 -11/30/14	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
12/01/14 - 06/30/15	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
12/01/14 - 06/30/15	GREEN INFRASTRUCTURE FEE		DOLLARS/MONTH	
04/01/15 - 04/30/15	SOLARSAVER ADJUSTMENT	-	CENTS/KWH	
05/01/15 - 03/31/16	SOLARSAVER ADJUSTMENT		CENTS/KWH	
06/01/15 - 06/07/15	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH	
06/08/15	REVENUE BALANCING ACCOUNT RATE ADJUSTMENT		CENTS/KWH	
07/01/15	RESID. PBF SURCHARGE ADJUSTMENT		CENTS/KWH	
07/01/15 - 12/31/15	GREEN INFRASTRUCTURE FEE		DOLLARS/MONTH	
08/17/15 - 02/29/16	RENEWABLE ENERGY INFRASTRUCTURE COST	0.0103	CENTS/KWH	
	RECOVERY PROVISION			
01/01/16	GREEN INFRASTRUCTURE FEE		DOLLARS/MONTH	
03/01/16	RENEWABLE ENERGY INFRASTRUCTURE COST	0.0099	CENTS/KWH	
	RECOVERY PROVISION			
04/01/16 - 04/30/16	SOLARSAVER ADJUSTMENT		CENTS/KWH	
05/01/16	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.