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February 23, 2015

**VIA HAND DELIVERY & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 4490 – 2015 Renewable Energy Standard (“RES”) Charge and Reconciliation**

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I have enclosed ten copies of the Company’s proposed 2015 RES Charge and RES reconciliation pursuant to R.I. Gen. Laws § 39-26-1 *et seq.* and the Rhode Island Public Utilities Commission’s Rules and Regulations Governing the Implementation of a Renewable Energy Standard. This filing consists of three attachments, which provide the calculation of the proposed RES Charge for 2015, the RES reconciliation for the period January 1, 2014 through December 31, 2014, and an analysis of the typical bill impacts of the proposed RES Charge. Each attachment is described in more detail below. The Company is proposing to implement an RES Charge for usage on and after April 1, 2015 of \$0.00294 per kWh. If the RES Charge is approved, the bill impact for a monthly residential customer with usage of 500 kWh will be a decrease of \$0.97, or approximately 1 percent.

Attachment 1 shows the calculation of the proposed RES Charge for 2015. The charge is proposed to be in effect for the period April 1, 2015 through March 31, 2016 and is designed to recover from customers the estimated costs associated with the 2015 RES obligation year and an estimate of the remaining costs for the 2014 RES obligation year. The estimate of the remaining costs for the 2014 RES obligation year is based on a reconciliation of actual RES revenue and expense for 2014 (as shown on Attachment 2) and an estimate of remaining RES expense to satisfy the 2014 obligation year (as shown on Attachment 1, page 2). The expected cost of Renewable Energy Certificates (RECs) to be procured for the 2014 and 2015 obligation years is based on the most recently available market data and broker sheets.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

Luly E. Massaro, Commission Clerk  
Docket 4490 RES Charge & Reconciliation  
February 23, 2015  
Page 2 of 2

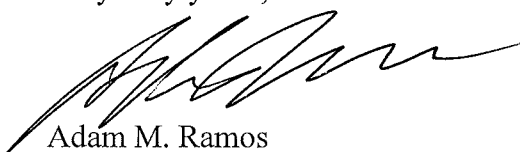
Page 1 of Attachment 2 provides the reconciliation of RES revenue and expense for the period January 1, 2014 through December 31, 2014. The January 2014 beginning balance of the reconciliation in Attachment 2 is an over-recovery of approximately \$8.0 million and represents the reconciliation balance as of December 31, 2013 as reported in the Company's 2014 RES Charge and Reconciliation filing submitted on February 20, 2014. Based on actual revenue billed for the period January 1, 2014 through December 31, 2014 and actual expenses incurred during 2014, the ending balance as of December 31, 2014 is an over-recovery of approximately \$14.6 million. Additionally, the Company will continue to incur costs for the 2014 obligation year through June 15, 2015 because the trading period for the 2014 obligation year does not end until that date. The Company estimates those expenses to be approximately \$10.8 million, which is reduced by the \$14.6 million over-recovery for 2014 to arrive at an estimated over-recovery for the 2014 obligation year of approximately \$3.9 million, as shown on Attachment 1, page 2, line 3. Please note that the reconciliation on page 1 of Attachment 2 includes expenses associated with RECs obtained from renewable generators through long-term contracts executed with the Company pursuant to the Long-Term Contracting Standard for Renewable Energy, R.I. Gen. Laws § 39-26.1-1 *et seq.*, and the Commission's Rules and Regulations Governing Long-Term Contracting Standards for Renewable Energy, and the Distributed Generation Standard Contracts Act, R.I. Gen. Laws § 39-26.2-1 *et seq.* These expenses are shown on page 1 of Attachment 2 in column (d). As described in the Company's 2015 RES Plan, approved by the Commission in Docket No. 4490, the Company utilizes RECs procured through long-term contracts to satisfy its RES obligation. The value of these RECs is reflected as a charge in the RES annual reconciliation and a credit in the Long-Term Contracting for Renewable Energy Recovery Factor reconciliation for the same period.

Page 2 of Attachment 2 is shown for informational purposes and is a comparison of the cost of RECs procured for each obligation year to the revenue billed during the same calendar year.

Attachment 3 contains the typical bill impact analysis for each of the Company's rate classes.

Thank you for your attention to this filing. Please contact me at (401) 457-5164 if you have any questions concerning this filing.

Very truly yours,



Adam M. Ramos

AMR:cw  
Enclosures

cc: Docket 4490 Service List  
Steve Scialabba, Division

► ALBANY ► BOSTON ► CONCORD ► HARTFORD ► NEW YORK ► PROVIDENCE

HINCKLEY, ALLEN & SNYDER LLP, ATTORNEYS AT LAW

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

Copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Joanne M. Scanlon

February 23, 2015

Date

**Docket No. 4490 - National Grid – 2015 SOS and RES Procurement Plans  
Service List updated 5/1/14**

<b>Name/Address</b>	<b>E-mail Distribution</b>	<b>Phone</b>
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<b>File an original &amp; 9 copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a>	401-780-2017
	<a href="mailto:Alan.nault@puc.ri.gov">Alan.nault@puc.ri.gov</a>	
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## Attachment 1

**Narragansett Electric Company  
Renewable Energy Standard Charge**

Summary of Adjustment to Proposed 2015 Renewable Energy Standard Charge

**Section 1: Calculation of New Renewable Energy Resource Charge**

(1)	Average Compliance Year 2015 New Renewable Energy Resource REC Cost	\$52.75
(2)	2015 RES New Renewable Energy Resource Obligation	6.5%
(3)	Incremental Cost - \$/MWh	\$3.43

**Section 2: Calculation of Existing Renewable Energy Resource Charge**

(4)	Average Compliance Year 2015 Existing Renewable Energy Resource REC Cost	\$1.00
(5)	2015 RES Existing Renewable Energy Resource Obligation	2.0%
(6)	Incremental Cost - \$/MWh	\$0.02

**Section 3: Calculation of Renewable Energy Standard Charge**

(7)	Sum of New and Existing Incremental Charges - \$/MWh	\$3.45
(8)	Renewable Portfolio Standard Adder to be included in Retail Rates - \$/kWh	\$0.00366
(9)	Adjustment to Proposed 2015 RES Charge	(\$0.00072)
(10)	Proposed 2015 RES Charge	\$0.00294

**Line Notes:**

- (1) Estimated Cost of New Renewable Energy Resource RECs based on market information
- (2) Section 4.2 of the RES Regulations
- (3) Line (1) times Line (2)
- (4) Estimated Cost of Existing Renewable Energy Resource RECs based on market information
- (5) Section 4.2 of the RES Regulations
- (6) Line (4) times Line (5)
- (7) Line (3) plus Line (6)
- (8) Line (7) times 1.0627 (average RI loss factor for 12 months ending October 2014) divided by 1000 to convert from \$/MWh to \$/kWh, truncated to 5 decimal places.
- (9) from Page 2
- (10) Line (8) + Line (9)

**Narragansett Electric Company  
Renewable Energy Standard Charge**

**Summary of Adjustment to Proposed 2015 Renewable Energy Standard Charge**

(1)	Over Collection of Expense for the period January 2014 through December 2014	(\$14,621,859)
(2)	Estimated Remaining Expense for Obligation Year 2014	<u>\$10,765,790</u>
(3)	Total Estimated Under(Over) Collection	<u>(\$3,856,069)</u>
(4)	forecasted SOS kWhs for the period April 1, 2015 through March 31, 2016	5,300,683,292
(5)	Adjustment to Proposed 2015 RES Charge	(\$0.00072)

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Line Notes:

- (1) from Attachment 2, page 1
- (2) Estimated Expense based upon 2014 RECs to be delivered at contract prices and remaining 2014 RECs to be procured at current market prices
- (3) Line (1) + Line (2)
- (4) per company forecast
- (5) Line (3) ÷ Line (4), truncated to five decimal places

## Attachment 2

**RENEWABLE ENERGY STANDARD RECONCILIATION**  
**For the Period January 1, 2014 through December 31, 2014**

Month	Over(Under) Beginning <u>Balance</u> (a)	RES <u>Revenue</u> (b)	RES <u>Expense</u> (c)	Long-Term Contract REC <u>Purchases</u> (d)	Monthly <u>Over(Under)</u> (e)	Over(Under) Ending Monthly <u>Balance</u> (f)
(1) Jan-14	\$8,041,492	\$1,146,229	\$3,193,750	\$560,310	(\$2,607,831)	\$5,433,661
Feb-14	\$5,433,661	\$2,357,585	\$1,560	\$0	\$2,356,025	\$7,789,687
Mar-14	\$7,789,687	\$2,244,776	\$0	\$0	\$2,244,776	\$10,034,462
Apr-14	\$10,034,462	\$1,966,480	\$0	\$1,919,620	\$46,859	\$10,081,322
May-14	\$10,081,322	\$1,786,721	\$2,924,241	\$0	(\$1,137,519)	\$8,943,803
Jun-14	\$8,943,803	\$1,714,040	\$2,176,034	\$0	(\$461,995)	\$8,481,808
Jul-14	\$8,481,808	\$2,135,167	\$23,210	\$3,094,023	(\$982,066)	\$7,499,742
Aug-14	\$7,499,742	\$2,341,451	\$0	\$0	\$2,341,451	\$9,841,193
Sep-14	\$9,841,193	\$2,140,780	\$856,000	\$0	\$1,284,780	\$11,125,973
Oct-14	\$11,125,973	\$1,767,872	\$0	\$3,304,085	(\$1,536,213)	\$9,589,760
Nov-14	\$9,589,760	\$1,718,918	\$0	\$0	\$1,718,918	\$11,308,678
Dec-14	\$11,308,678	\$2,014,268	\$98,891	\$0	\$1,915,377	\$13,224,054
(2) Jan-15	\$13,224,054	\$1,144,755			\$1,144,755	\$14,368,809
Totals	\$8,041,492	\$24,479,041	\$9,273,686	\$8,878,038	\$6,327,318	\$14,368,809
(3) Interest						\$253,050
Ending Balance with Interest						\$14,621,859

- (1) Reflects kWhs consumption after January 1st.  
(2) Reflects kWhs consumption prior to January 1st.  
(3)  $[(\text{Beginning Balance} + \text{Ending Balance}) \div 2] \times [(1.8\% \times 2/12) + (2.35\% \times 10/12)]$

Column Notes:

- Column (a) Column (e) from previous row; beginning balance from Renewable Energy Standard Charge and Reconciliation filing, RIPUC Docket No. 4393, dated February 2014, Attachment 2, page 1  
Column (b) From monthly revenue reports  
Column (c) From invoices  
Column (d) Transfer of Recs per Long-term Contracting for Renewable Energy Recovery Provision  
Column (e) Column (b) - Column (c) - Column (d)  
Column (f) Column (a) + Column (e)



Reconciliation of RES Revenue and Expense by Obligation Year

Revenue:										
Mo/Yr	2015	2014	2013	2012	2011	2010	2009	2008	2007	
Jan	\$1,144,755	\$2,579,273	\$1,108,447	(\$136,074)	\$583,729	\$476,115	\$533,823	\$418,748	\$145,504	
Feb		\$2,357,585	\$1,111,096	(\$131,813)	\$549,382	\$416,742	\$471,983	\$471,914	\$340,767	
Mar		\$2,244,776	\$999,671	(\$127,370)	\$503,314	\$458,091	\$447,834	\$426,241	\$344,825	
Apr		\$1,966,480	\$1,330,705	\$278,632	\$270,880	\$489,990	\$408,614	\$461,233	\$308,736	
May		\$1,786,721	\$1,815,719	\$844,847	(\$103,510)	\$451,008	\$379,793	\$379,231	\$299,310	
Jun		\$1,714,040	\$1,956,383	\$978,011	(\$121,350)	\$492,071	\$381,296	\$429,834	\$329,418	
Jul		\$2,135,167	\$2,694,965	\$1,212,042	(\$154,882)	\$699,844	\$426,518	\$518,499	\$365,457	
Aug		\$2,341,451	\$2,848,432	\$1,370,583	(\$173,635)	\$672,874	\$475,701	\$589,305	\$411,597	
Sep		\$2,140,780	\$2,317,391	\$1,217,118	(\$150,400)	\$604,060	\$492,140	\$559,896	\$387,388	
Oct		\$1,767,872	\$1,869,521	\$885,275	(\$126,897)	\$483,425	\$372,774	\$477,984	\$342,470	
Nov		\$1,718,918	\$1,856,584	\$867,658	(\$123,672)	\$456,969	\$362,055	\$325,421	\$317,836	
Dec		\$2,014,268	\$2,214,125	\$1,009,375	(\$125,231)	\$508,502	\$408,890	\$425,044	\$362,807	TOTAL
1. Total	\$1,144,755	\$24,767,330	\$22,123,038	\$8,268,285	\$827,727	\$6,209,689	\$5,161,420	\$5,483,351	\$3,956,114	\$77,941,710
2. Total Expense for Obligation Year		\$7,376,208	\$18,964,816	\$12,803,595	\$8,426,724	\$2,096,152	\$5,508,379	\$5,254,430	\$3,940,440	\$64,370,744
3. Adjustments								\$8,000		8,000
4. Over/Under	\$1,144,755	\$17,391,122	\$3,158,222	(\$4,535,310)	(\$7,598,996)	\$4,113,537	(\$346,959)	\$236,921	\$15,675	\$13,578,966
5. Interest		\$253,050	\$105,431	\$99,683	\$153,607	\$142,771	\$89,665	\$143,084	\$55,602	\$1,042,893
6. Over/Under w/ Int	\$1,144,755	\$17,644,172	\$3,263,653	(\$4,435,627)	(\$7,445,389)	\$4,256,308	(\$257,294)	\$380,005	\$71,277	\$14,621,859
7. Balance Ending December 31, 2014										\$14,621,859
8. Discrepancy										<u>(\$0)</u>

Notes:

1. Sum of annual calendar year RES revenue billed to customers
2. Sum of RES expenses related to obligation year (2015 expense is year-to-date)
3. Adjustment: 2008: adjustment of \$8,000 to correct for data entry error.
4. Line 1 - Line 2 + Line 3
5. Interest charged/(credited) to reconciliation
6. Line 4 + Line 5
7. from Page 1
8. Line 6 - Line 7

## Attachment 3

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-16 Rate Customers

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
150	\$33.82	\$16.76	\$17.06	\$33.53	\$16.47	\$17.06	(\$0.29)	-0.9%	13.7%
300	\$61.67	\$33.52	\$28.15	\$61.10	\$32.95	\$28.15	(\$0.57)	-0.9%	17.5%
400	\$80.24	\$44.70	\$35.54	\$79.47	\$43.93	\$35.54	(\$0.77)	-1.0%	11.8%
500	\$98.81	\$55.88	\$42.93	\$97.84	\$54.91	\$42.93	(\$0.97)	-1.0%	10.8%
600	\$117.38	\$67.05	\$50.33	\$116.22	\$65.89	\$50.33	(\$1.16)	-1.0%	9.4%
700	\$135.95	\$78.23	\$57.72	\$134.59	\$76.87	\$57.72	(\$1.36)	-1.0%	7.7%
1,000	\$191.65	\$111.75	\$79.90	\$189.71	\$109.81	\$79.90	(\$1.94)	-1.0%	15.0%
2,000	\$377.32	\$223.50	\$153.82	\$373.45	\$219.63	\$153.82	(\$3.87)	-1.0%	14.1%

Present Rates - as of 01/1/2015

Customer Charge		\$5.00
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02221
Distribution Energy Charge	kWh x	\$0.03821
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.10728

Proposed Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.73
Transmission Energy Charge <sup>0</sup>	kWh x	\$0.02221
Distribution Energy Charge	kWh x	\$0.03821
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.10542

Note (1): includes the base Standard Offer Service Charge of 9.922¢/kWh, the Standard Offer Service Adjustment Charge of 0.171¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.155¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.922¢/kWh, the Standard Offer Service Adjustment Charge of 0.171¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.155¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-60 Rate Customers

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
150	\$26.50	\$16.76	\$9.74	\$26.21	\$16.47	\$9.74	(\$0.29)	-1.1%	10.7%
300	\$52.26	\$33.53	\$18.73	\$51.67	\$32.94	\$18.73	(\$0.59)	-1.1%	23.2%
400	\$69.42	\$44.70	\$24.72	\$68.65	\$43.93	\$24.72	(\$0.77)	-1.1%	14.9%
500	\$86.59	\$55.88	\$30.71	\$85.62	\$54.91	\$30.71	(\$0.97)	-1.1%	12.2%
600	\$103.75	\$67.05	\$36.70	\$102.59	\$65.89	\$36.70	(\$1.16)	-1.1%	9.6%
700	\$120.92	\$78.23	\$42.69	\$119.56	\$76.87	\$42.69	(\$1.36)	-1.1%	7.3%
1,000	\$172.41	\$111.75	\$60.66	\$170.47	\$109.81	\$60.66	(\$1.94)	-1.1%	12.3%
2,000	\$344.05	\$223.50	\$120.55	\$340.18	\$219.63	\$120.55	(\$3.87)	-1.1%	9.8%

Present Rates - as of 01/1/2015

Customer Charge		\$0.00
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02221
Distribution Energy Charge	kWh x	\$0.02474
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.10728

Proposed Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.73
Transmission Energy Charge <sup>0</sup>	kWh x	\$0.02221
Distribution Energy Charge	kWh x	\$0.02474
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.10542

Note (1): includes the base Standard Offer Service Charge of 9.922¢/kWh, the Standard Offer Service Adjustment Charge of 0.171¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.155¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.922¢/kWh, the Standard Offer Service Adjustment Charge of 0.171¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.155¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to C-06 Rate Customers

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
250	\$59.68	\$31.61	\$28.07	\$59.20	\$31.13	\$28.07	(\$0.48)	-0.8%	35.2%
500	\$108.18	\$63.22	\$44.96	\$107.22	\$62.26	\$44.96	(\$0.96)	-0.9%	17.0%
1,000	\$205.19	\$126.45	\$78.74	\$203.25	\$124.51	\$78.74	(\$1.94)	-0.9%	19.0%
1,500	\$302.19	\$189.67	\$112.52	\$299.29	\$186.77	\$112.52	(\$2.90)	-1.0%	9.8%
2,000	\$399.20	\$252.90	\$146.30	\$395.32	\$249.02	\$146.30	(\$3.88)	-1.0%	19.1%

Present Rates - as of 01/1/2015

Customer Charge		\$10.00
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02003
Distribution Energy Charge	kWh x	\$0.03428
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge (3)	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.12139

Proposed Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.73
Transmission Energy Charge <sup>0</sup>	kWh x	\$0.02003
Distribution Energy Charge	kWh x	\$0.03428
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge (4)	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	4,000	\$861.22	\$505.79	\$355.43	\$853.47	\$498.04	\$355.43	(\$7.75)	-0.9%
50	10,000	\$2,017.84	\$1,264.48	\$753.36	\$1,998.46	\$1,245.10	\$753.36	(\$19.38)	-1.0%
100	20,000	\$3,945.55	\$2,528.96	\$1,416.59	\$3,906.80	\$2,490.21	\$1,416.59	(\$38.75)	-1.0%
150	30,000	\$5,873.26	\$3,793.44	\$2,079.82	\$5,815.13	\$3,735.31	\$2,079.82	(\$58.13)	-1.0%

Present Rates - as of 01/1/2015

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.12139

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	6,000	\$1,164.05	\$758.69	\$405.36	\$1,152.42	\$747.06	\$405.36	(\$11.63)	-1.0%
50	15,000	\$2,774.93	\$1,896.72	\$878.21	\$2,745.87	\$1,867.66	\$878.21	(\$29.06)	-1.0%
100	30,000	\$5,459.72	\$3,793.44	\$1,666.28	\$5,401.59	\$3,735.31	\$1,666.28	(\$58.13)	-1.1%
150	45,000	\$8,144.51	\$5,690.16	\$2,454.35	\$8,057.32	\$5,602.97	\$2,454.35	(\$87.19)	-1.1%

Present Rates - as of 01/1/2015

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)

Gross Earnings Tax 4.00%

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.12139

Standard Offer Charge (2) kWh x \$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	8,000	\$1,466.88	\$1,011.58	\$455.30	\$1,451.38	\$996.08	\$455.30	(\$15.50)	-1.1%
50	20,000	\$3,532.01	\$2,528.96	\$1,003.05	\$3,493.26	\$2,490.21	\$1,003.05	(\$38.75)	-1.1%
100	40,000	\$6,973.89	\$5,057.92	\$1,915.97	\$6,896.39	\$4,980.42	\$1,915.97	(\$77.50)	-1.1%
150	60,000	\$10,415.77	\$7,586.88	\$2,828.89	\$10,299.52	\$7,470.63	\$2,828.89	(\$116.25)	-1.1%

Present Rates - as of 01/1/2015

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.12139

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh



Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	10,000	\$1,769.72	\$1,264.48	\$505.24	\$1,750.34	\$1,245.10	\$505.24	(\$19.38)	-1.1%
50	25,000	\$4,289.10	\$3,161.20	\$1,127.90	\$4,240.66	\$3,112.76	\$1,127.90	(\$48.44)	-1.1%
100	50,000	\$8,488.06	\$6,322.40	\$2,165.66	\$8,391.18	\$6,225.52	\$2,165.66	(\$96.88)	-1.1%
150	75,000	\$12,687.01	\$9,483.59	\$3,203.42	\$12,541.70	\$9,338.28	\$3,203.42	(\$145.31)	-1.1%

Present Rates - as of 01/1/2015

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.12139

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	12,000	\$2,072.56	\$1,517.38	\$555.18	\$2,049.31	\$1,494.13	\$555.18	(\$23.25)	-1.1%
50	30,000	\$5,046.18	\$3,793.44	\$1,252.74	\$4,988.05	\$3,735.31	\$1,252.74	(\$58.13)	-1.2%
100	60,000	\$10,002.22	\$7,586.88	\$2,415.34	\$9,885.97	\$7,470.63	\$2,415.34	(\$116.25)	-1.2%
150	90,000	\$14,958.26	\$11,380.31	\$3,577.95	\$14,783.89	\$11,205.94	\$3,577.95	(\$174.37)	-1.2%

Present Rates - as of 01/1/2015

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.12139

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00768
Distribution Demand Charge-xcs 10 kW	kW x	\$4.92
Distribution Energy Charge	kWh x	\$0.00574
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.11953

Note (1): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the base Standard Offer Service Charge of 11.127¢/kWh, the Standard Offer Service Adjustment Charge of 0.370¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.162¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	40,000	\$10,124.31	\$7,537.92	\$2,586.39	\$10,046.81	\$7,460.42	\$2,586.39	(\$77.50)	-0.8%
750	150,000	\$37,760.66	\$28,267.19	\$9,493.47	\$37,470.03	\$27,976.56	\$9,493.47	(\$290.63)	-0.8%
1,000	200,000	\$50,322.63	\$37,689.58	\$12,633.05	\$49,935.13	\$37,302.08	\$12,633.05	(\$387.50)	-0.8%
1,500	300,000	\$75,446.60	\$56,534.38	\$18,912.22	\$74,865.35	\$55,953.13	\$18,912.22	(\$581.25)	-0.8%
2,500	500,000	\$125,694.51	\$94,223.96	\$31,470.55	\$124,725.76	\$93,255.21	\$31,470.55	(\$968.75)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the proposed Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	60,000	\$14,402.22	\$11,306.88	\$3,095.34	\$14,285.97	\$11,190.63	\$3,095.34	(\$116.25)	-0.8%
750	225,000	\$53,802.84	\$42,400.78	\$11,402.06	\$53,366.90	\$41,964.84	\$11,402.06	(\$435.94)	-0.8%
1,000	300,000	\$71,712.22	\$56,534.38	\$15,177.84	\$71,130.97	\$55,953.13	\$15,177.84	(\$581.25)	-0.8%
1,500	450,000	\$107,530.97	\$84,801.56	\$22,729.41	\$106,659.10	\$83,929.69	\$22,729.41	(\$871.87)	-0.8%
2,500	750,000	\$179,168.47	\$141,335.94	\$37,832.53	\$177,715.34	\$139,882.81	\$37,832.53	(\$1,453.13)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the proposed Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	80,000	\$18,680.13	\$15,075.83	\$3,604.30	\$18,525.13	\$14,920.83	\$3,604.30	(\$155.00)	-0.8%
750	300,000	\$69,845.04	\$56,534.38	\$13,310.66	\$69,263.79	\$55,953.13	\$13,310.66	(\$581.25)	-0.8%
1,000	400,000	\$93,101.81	\$75,379.17	\$17,722.64	\$92,326.81	\$74,604.17	\$17,722.64	(\$775.00)	-0.8%
1,500	600,000	\$139,615.34	\$113,068.75	\$26,546.59	\$138,452.84	\$111,906.25	\$26,546.59	(\$1,162.50)	-0.8%
2,500	1,000,000	\$232,642.43	\$188,447.92	\$44,194.51	\$230,704.93	\$186,510.42	\$44,194.51	(\$1,937.50)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the proposed Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	100,000	\$22,958.05	\$18,844.79	\$4,113.26	\$22,764.30	\$18,651.04	\$4,113.26	(\$193.75)	-0.8%
750	375,000	\$85,887.22	\$70,667.97	\$15,219.25	\$85,160.66	\$69,941.41	\$15,219.25	(\$726.56)	-0.8%
1,000	500,000	\$114,491.39	\$94,223.96	\$20,267.43	\$113,522.64	\$93,255.21	\$20,267.43	(\$968.75)	-0.8%
1,500	750,000	\$171,699.72	\$141,335.94	\$30,363.78	\$170,246.59	\$139,882.81	\$30,363.78	(\$1,453.13)	-0.8%
2,500	1,250,000	\$286,116.39	\$235,559.90	\$50,556.49	\$283,694.51	\$233,138.02	\$50,556.49	(\$2,421.88)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the proposed Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	120,000	\$27,235.97	\$22,613.75	\$4,622.22	\$27,003.47	\$22,381.25	\$4,622.22	(\$232.50)	-0.9%
750	450,000	\$101,929.40	\$84,801.56	\$17,127.84	\$101,057.53	\$83,929.69	\$17,127.84	(\$871.87)	-0.9%
1,000	600,000	\$135,880.97	\$113,068.75	\$22,812.22	\$134,718.47	\$111,906.25	\$22,812.22	(\$1,162.50)	-0.9%
1,500	900,000	\$203,784.10	\$169,603.13	\$34,180.97	\$202,040.35	\$167,859.38	\$34,180.97	(\$1,743.75)	-0.9%
2,500	1,500,000	\$339,590.35	\$282,671.88	\$56,918.47	\$336,684.10	\$279,765.63	\$56,918.47	(\$2,906.25)	-0.9%

Present Rates - as of 01/1/2015

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00774
Distribution Demand Charge - > 200 kW	kW x	\$3.77
Distribution Energy Charge	kWh x	\$0.00614
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the proposed Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	600,000	\$163,840.34	\$113,068.75	\$50,771.59	\$162,677.84	\$111,906.25	\$50,771.59	(\$1,162.50)	-0.7%
5,000	1,000,000	\$261,261.18	\$188,447.92	\$72,813.26	\$259,323.68	\$186,510.42	\$72,813.26	(\$1,937.50)	-0.7%
7,500	1,500,000	\$383,037.22	\$282,671.88	\$100,365.34	\$380,130.97	\$279,765.63	\$100,365.34	(\$2,906.25)	-0.8%
10,000	2,000,000	\$504,813.26	\$376,895.83	\$127,917.43	\$500,938.26	\$373,020.83	\$127,917.43	(\$3,875.00)	-0.8%
20,000	4,000,000	\$991,917.43	\$753,791.67	\$238,125.76	\$984,167.43	\$746,041.67	\$238,125.76	(\$7,750.00)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh



Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	900,000	\$226,968.47	\$169,603.13	\$57,365.34	\$225,224.72	\$167,859.38	\$57,365.34	(\$1,743.75)	-0.8%
5,000	1,500,000	\$366,474.72	\$282,671.88	\$83,802.84	\$363,568.47	\$279,765.63	\$83,802.84	(\$2,906.25)	-0.8%
7,500	2,250,000	\$540,857.53	\$424,007.81	\$116,849.72	\$536,498.16	\$419,648.44	\$116,849.72	(\$4,359.37)	-0.8%
10,000	3,000,000	\$715,240.34	\$565,343.75	\$149,896.59	\$709,427.84	\$559,531.25	\$149,896.59	(\$5,812.50)	-0.8%
20,000	6,000,000	\$1,412,771.59	\$1,130,687.50	\$282,084.09	\$1,401,146.59	\$1,119,062.50	\$282,084.09	(\$11,625.00)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,200,000	\$290,096.59	\$226,137.50	\$63,959.09	\$287,771.59	\$223,812.50	\$63,959.09	(\$2,325.00)	-0.8%
5,000	2,000,000	\$471,688.26	\$376,895.83	\$94,792.43	\$467,813.26	\$373,020.83	\$94,792.43	(\$3,875.00)	-0.8%
7,500	3,000,000	\$698,677.84	\$565,343.75	\$133,334.09	\$692,865.34	\$559,531.25	\$133,334.09	(\$5,812.50)	-0.8%
10,000	4,000,000	\$925,667.43	\$753,791.67	\$171,875.76	\$917,917.43	\$746,041.67	\$171,875.76	(\$7,750.00)	-0.8%
20,000	8,000,000	\$1,833,625.76	\$1,507,583.33	\$326,042.43	\$1,818,125.76	\$1,492,083.33	\$326,042.43	(\$15,500.00)	-0.8%

Present Rates - as of 01/1/2015

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,500,000	\$353,224.72	\$282,671.88	\$70,552.84	\$350,318.47	\$279,765.63	\$70,552.84	(\$2,906.25)	-0.8%
5,000	2,500,000	\$576,901.80	\$471,119.79	\$105,782.01	\$572,058.05	\$466,276.04	\$105,782.01	(\$4,843.75)	-0.8%
7,500	3,750,000	\$856,498.16	\$706,679.69	\$149,818.47	\$849,232.53	\$699,414.06	\$149,818.47	(\$7,265.63)	-0.8%
10,000	5,000,000	\$1,136,094.51	\$942,239.58	\$193,854.93	\$1,126,407.01	\$932,552.08	\$193,854.93	(\$9,687.50)	-0.9%
20,000	10,000,000	\$2,254,479.93	\$1,884,479.17	\$370,000.76	\$2,235,104.93	\$1,865,104.17	\$370,000.76	(\$19,375.00)	-0.9%

Present Rates - as of 01/1/2015

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,800,000	\$416,352.84	\$339,206.25	\$77,146.59	\$412,865.34	\$335,718.75	\$77,146.59	(\$3,487.50)	-0.8%
5,000	3,000,000	\$682,115.34	\$565,343.75	\$116,771.59	\$676,302.84	\$559,531.25	\$116,771.59	(\$5,812.50)	-0.9%
7,500	4,500,000	\$1,014,318.47	\$848,015.63	\$166,302.84	\$1,005,599.72	\$839,296.88	\$166,302.84	(\$8,718.75)	-0.9%
10,000	6,000,000	\$1,346,521.59	\$1,130,687.50	\$215,834.09	\$1,334,896.59	\$1,119,062.50	\$215,834.09	(\$11,625.00)	-0.9%
20,000	12,000,000	\$2,675,334.09	\$2,261,375.00	\$413,959.09	\$2,652,084.09	\$2,238,125.00	\$413,959.09	(\$23,250.00)	-0.9%

Present Rates - as of 01/1/2015

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.18091

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.73
Proposed Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.01070
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00015)
Proposed Transition Energy Charge	kWh x	\$0.00096
Energy Efficiency Program Charge	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	(\$0.00024)
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.17905

Note (1): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the Renewable Energy Standard Charge of 0.480¢/kWh

Note (2): includes the January 2015 through March 2015 average base Standard Offer Service Charge of 17.832¢/kWh, the Standard Offer Service Adjustment Charge of (0.360¢)/kWh, the Standard Offer Service Administrative Cost Factor of 0.139¢/kWh and the proposed Renewable Energy Standard Charge of 0.294¢/kWh