

February 24, 2016

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4556 - 2016 Renewable Energy Standard (RES) Charge and Reconciliation

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed ten copies of the Company's proposed 2016 RES Charge and RES reconciliation pursuant to R.I.G.L. §39-26-1 et seq. and the Rhode Island Public Utilities Commission's (PUC) 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 2016, the RES reconciliation for the period January 1, 2015 through December 31, 2015, 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, 2016 of \$0.00288 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 \$0.03, or approximately 0.0 percent.

Attachment 1 shows the calculation of the proposed RES Charge for 2016. The charge is proposed to be in effect for the period April 1, 2016 through March 31, 2017, and is designed to recover from customers the estimated costs associated with the 2016 RES obligation year and an estimate of the remaining costs for the 2015 RES obligation year. The estimate of the remaining costs for the 2015 RES obligation year is based on a reconciliation of actual RES revenue and expense for 2015 (as shown on Attachment 2) and an estimate of remaining RES expense to satisfy the 2015 obligation year (as shown on Attachment 1, page 2). The expected cost of Renewable Energy Certificates (RECs) to be procured for 2015 and 2016 obligation years is based on the most recently available market data and broker sheets.

Page 1 of Attachment 2 provides the reconciliation of RES revenue and expense for the period January 1, 2015 through December 31, 2015. The January 2015 beginning balance of the reconciliation in Attachment 2 is an over recovery \$14.6 million and represents the reconciliation balance as of December 31, 2014 as reported in the Company's 2015 RES Charge and Reconciliation filing submitted on February 23, 2015. Based on actual revenue billed for the period January 1, 2015 through December 31 2015 and actual expenses incurred during 2015, the

¹ The Narragansett Electric Company d/b/a National Grid (referred to herein as National Grid or the Company).

Luly E. Massaro, Commission Clerk
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ending balance, including interest, as of December 31, 2015 is an over-recovery of \$11.8 million. Additionally, the Company will continue to incur costs for the 2015 obligation year through June 15, 2016 since the trading period for the 2015 obligation year does not end until this date. The Company estimates those expenses to be \$7.0 million, which reduces the \$11.8 million over-recovery for 2015 to arrive at an estimated over-recovery for the 2015 obligation year of \$4.8 million, which is 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 PUC'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 2016 RES Plan, approved by the PUC in Docket No. 4556, 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 401-784-7288 if you have any questions concerning this filing.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Jennifer Brooks Hutchinson", with a long horizontal flourish extending to the right.

Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4556 Service List
Steve Scialabba, Division
Leo Wold, Esq.

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.

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



Joanne M. Scanlon

February 24, 2016
Date

**Docket No. 4556 - National Grid – 2016 Standard Offer Service (SOS) and Renewable Energy Standard (RES) Procurement Plans
Service List updated 5/29/15**

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Attachment 1

**Narragansett Electric Company
Renewable Energy Standard Charge**

Summary of Adjustment to Proposed 2016 Renewable Energy Standard Charge

Section 1: Calculation of New Renewable Energy Resource Charge

(1)	Average Compliance Year 2016 New Renewable Energy Resource REC Cost	\$47.50
(2)	2016 RES New Renewable Energy Resource Obligation	8.0%
(3)	Incremental Cost - \$/MWh	\$3.80

Section 2: Calculation of Existing Renewable Energy Resource Charge

(4)	Average Compliance Year 2016 Existing Renewable Energy Resource REC Cost	\$1.00
(5)	2016 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	\$3.82
(8)	Renewable Portfolio Standard Adder to be included in Retail Rates - \$/kWh	\$0.00405
(9)	Adjustment to Proposed 2016 RES Charge	(\$0.00117)
(10)	Proposed 2016 RES Charge	\$0.00288

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 1.0617 (average RI loss factor for 12 months ending October 2015) 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 2016 Renewable Energy Standard Charge

(1)	Over Collection of Expense for the period January 2015 through December 2015	(\$11,755,820)
(2)	Estimated Remaining Expense for Obligation Year 2015	<u>\$6,959,033</u>
(3)	Total Estimated Under(Over) Collection	<u>(\$4,796,787)</u>
(4)	forecasted SOS kWhs for the period April 1, 2016 through March 31, 2017	4,084,587,802
(5)	Adjustment to Proposed 2016 RES Charge	(\$0.00117)

Line Notes:

- (1) from Attachment 2, page 1
- (2) Estimated Expense based upon 2015 RECs to be delivered at contract prices and remaining 2015 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, 2015 through December 31, 2015

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-15	\$14,621,859	\$981,462	\$39,800	\$3,469,923	(\$2,528,261)	\$12,093,598
Feb-15	\$12,093,598	\$2,131,781	\$0	\$0	\$2,131,781	\$14,225,379
Mar-15	\$14,225,379	\$1,921,071	\$6,006	\$0	\$1,915,065	\$16,140,444
Apr-15	\$16,140,444	\$1,454,008	\$27,876	\$3,079,496	(\$1,653,364)	\$14,487,081
May-15	\$14,487,081	\$901,978	\$1,982,704	\$0	(\$1,080,726)	\$13,406,355
Jun-15	\$13,406,355	\$979,969	\$1,964,148	\$0	(\$984,178)	\$12,422,176
Jul-15	\$12,422,176	\$1,149,133	\$28,136	\$3,200,100	(\$2,079,103)	\$10,343,073
Aug-15	\$10,343,073	\$1,331,623	\$0	\$0	\$1,331,623	\$11,674,696
Sep-15	\$11,674,696	\$1,331,902	\$893,044	\$0	\$438,858	\$12,113,555
Oct-15	\$12,113,555	\$964,957	\$0	\$3,331,378	(\$2,366,420)	\$9,747,134
Nov-15	\$9,747,134	\$834,642	\$0	\$0	\$834,642	\$10,581,777
Dec-15	\$10,581,777	\$1,020,392	\$756,000	\$0	\$264,392	\$10,846,169
(2) Jan-16	\$10,846,169	\$582,929	\$0	\$0	\$582,929	\$11,429,098
Totals	\$14,621,859	\$15,585,847	\$5,697,713	\$13,080,896	(\$3,192,761)	\$11,429,098
(3) Interest						\$326,722
Ending Balance with Interest						\$11,755,820

- (1) Reflects kWhs consumption after January 1st.
(2) Reflects kWhs consumption prior to January 1st.
(3) [(Beginning Balance + Ending Balance) ÷ 2] x [(2.35% x 2/12) + (2.54% x 10/12)]

Column Notes:

- Column (a) Column (e) from previous row; beginning balance from Renewable Energy Standard Charge and Reconciliation filing, RIPUC Docket No. 4490, dated February 2015, Attachment 2, page 1
Column (b) From monthly revenue reports
Column (c) From invoices
Column (d) Transfer of REC's 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

<u>Revenue:</u>											
Mo/Yr	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	
Jan	\$582,929	\$2,126,217	\$2,579,273	\$1,108,447	(\$136,074)	\$583,729	\$476,115	\$533,823	\$418,748	\$145,504	
Feb		\$2,131,781	\$2,357,585	\$1,111,096	(\$131,813)	\$549,382	\$416,742	\$471,983	\$471,914	\$340,767	
Mar		\$1,921,071	\$2,244,776	\$999,671	(\$127,370)	\$503,314	\$458,091	\$447,834	\$426,241	\$344,825	
Apr		\$1,454,008	\$1,966,480	\$1,330,705	\$278,632	\$270,880	\$489,990	\$408,614	\$461,233	\$308,736	
May		\$901,978	\$1,786,721	\$1,815,719	\$844,847	(\$103,510)	\$451,008	\$379,793	\$379,231	\$299,310	
Jun		\$979,969	\$1,714,040	\$1,956,383	\$978,011	(\$121,350)	\$492,071	\$381,296	\$429,834	\$329,418	
Jul		\$1,149,133	\$2,135,167	\$2,694,965	\$1,212,042	(\$154,882)	\$699,844	\$426,518	\$518,499	\$365,457	
Aug		\$1,331,623	\$2,341,451	\$2,848,432	\$1,370,583	(\$173,635)	\$672,874	\$475,701	\$589,305	\$411,597	
Sep		\$1,331,902	\$2,140,780	\$2,317,391	\$1,217,118	(\$150,400)	\$604,060	\$492,140	\$559,896	\$387,388	
Oct		\$964,957	\$1,767,872	\$1,869,521	\$885,275	(\$126,897)	\$483,425	\$372,774	\$477,984	\$342,470	
Nov		\$834,642	\$1,718,918	\$1,856,584	\$867,658	(\$123,672)	\$456,969	\$362,055	\$325,421	\$317,836	
Dec		\$1,020,392	\$2,014,268	\$2,214,125	\$1,009,375	(\$125,231)	\$508,502	\$408,890	\$425,044	\$362,807	<u>TOTAL</u>
1. Total	\$582,929	\$16,147,673	\$24,767,330	\$22,123,038	\$8,268,285	\$827,727	\$6,209,689	\$5,161,420	\$5,483,351	\$3,956,114	\$93,527,557
2. Total Expense for Obligation Year		\$8,255,377	\$17,899,440	\$18,964,816	\$12,803,595	\$8,426,724	\$2,096,152	\$5,508,379	\$5,254,430	\$3,940,440	\$83,149,353
3. Adjustments									\$8,000		8,000
4. Over/Under	\$582,929	\$7,892,296	\$6,867,891	\$3,158,222	(\$4,535,310)	(\$7,598,996)	\$4,113,537	(\$346,959)	\$236,921	\$15,675	\$10,386,205
5. Interest		\$326,722	\$253,050	\$105,431	\$99,683	\$153,607	\$142,771	\$89,665	\$143,084	\$55,602	\$1,369,615
6. Over/Under w/ Int	\$582,929	\$8,219,019	\$7,120,940	\$3,263,653	(\$4,435,627)	(\$7,445,389)	\$4,256,308	(\$257,294)	\$380,005	\$71,277	\$11,755,820
7. Balance Ending December 31, 2015											\$11,755,820
8. Discrepancy											<u><u>(\$0)</u></u>

Notes:

- Sum of annual calendar year RES revenue billed to customers
- Sum of RES expenses related to obligation year (2015 expense is year-to-date)
- Adjustment: 2008: adjustment of \$8,000 to correct for data entry error.
- Line 1 - Line 2 + Line 3
- Interest charged/(credited) to reconciliation
- Line 4 + Line 5
- from Page 1
- 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	\$32.01	\$13.91	\$18.10	\$32.00	\$13.90	\$18.10	(\$0.01)	0.0%	13.7%
300	\$57.88	\$27.82	\$30.06	\$57.86	\$27.80	\$30.06	(\$0.02)	0.0%	17.5%
400	\$75.12	\$37.09	\$38.03	\$75.09	\$37.06	\$38.03	(\$0.03)	0.0%	11.8%
500	\$92.35	\$46.36	\$45.99	\$92.32	\$46.33	\$45.99	(\$0.03)	0.0%	10.8%
600	\$109.59	\$55.63	\$53.96	\$109.55	\$55.59	\$53.96	(\$0.04)	0.0%	9.4%
700	\$126.83	\$64.90	\$61.93	\$126.79	\$64.86	\$61.93	(\$0.04)	0.0%	7.7%
1,200	\$213.04	\$111.26	\$101.78	\$212.97	\$111.19	\$101.78	(\$0.07)	0.0%	15.0%
2,000	\$350.98	\$185.44	\$165.54	\$350.85	\$185.31	\$165.54	(\$0.13)	0.0%	14.1%

Present Rates

Customer Charge		\$5.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02348
Distribution Energy Charge	kWh x	\$0.04164
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.08901

Proposed Rates

Customer Charge		\$5.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02348
Distribution Energy Charge	kWh x	\$0.04164
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.08895

Note (1): includes the base Standard Offer Service Charge of 8.418¢/kWh, the Standard Offer Service Adjustment Charge of 0.055¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.134¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 8.418¢/kWh, the Standard Offer Service Adjustment Charge of 0.055¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.134¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$24.70	\$13.91	\$10.79	\$24.69	\$13.90	\$10.79	(\$0.01)	0.0%	10.7%
300	\$48.46	\$27.82	\$20.64	\$48.44	\$27.80	\$20.64	(\$0.02)	0.0%	23.2%
400	\$64.29	\$37.09	\$27.20	\$64.26	\$37.06	\$27.20	(\$0.03)	0.0%	14.9%
500	\$80.13	\$46.36	\$33.77	\$80.10	\$46.33	\$33.77	(\$0.03)	0.0%	12.2%
600	\$95.97	\$55.63	\$40.34	\$95.93	\$55.59	\$40.34	(\$0.04)	0.0%	9.6%
700	\$111.80	\$64.90	\$46.90	\$111.76	\$64.86	\$46.90	(\$0.04)	0.0%	7.3%
1,200	\$191.00	\$111.26	\$79.74	\$190.93	\$111.19	\$79.74	(\$0.07)	0.0%	12.3%
2,000	\$317.71	\$185.44	\$132.27	\$317.58	\$185.31	\$132.27	(\$0.13)	0.0%	9.8%

Present Rates

Customer Charge		\$0.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02348
Distribution Energy Charge	kWh x	\$0.02817
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.08901

Proposed Rates

Customer Charge		\$0.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02348
Distribution Energy Charge	kWh x	\$0.02817
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.08895

Note (1): includes the base Standard Offer Service Charge of 8.418¢/kWh, the Standard Offer Service Adjustment Charge of 0.055¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.134¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 8.418¢/kWh, the Standard Offer Service Adjustment Charge of 0.055¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.134¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$51.29	\$21.68	\$29.61	\$51.28	\$21.67	\$29.61	(\$0.01)	0.0%	35.2%
500	\$91.14	\$43.37	\$47.77	\$91.11	\$43.34	\$47.77	(\$0.03)	0.0%	17.0%
1,000	\$170.83	\$86.74	\$84.09	\$170.77	\$86.68	\$84.09	(\$0.06)	0.0%	19.0%
1,500	\$250.53	\$130.11	\$120.42	\$250.44	\$130.02	\$120.42	(\$0.09)	0.0%	9.8%
2,000	\$330.22	\$173.48	\$156.74	\$330.09	\$173.35	\$156.74	(\$0.13)	0.0%	19.1%

Present Rates

Customer Charge		\$10.00
RE Growth Factor		\$0.26
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02072
Distribution Energy Charge	kWh x	\$0.03763
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.08327

Proposed Rates

Customer Charge		\$10.00
RE Growth Factor		\$0.26
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02072
Distribution Energy Charge	kWh x	\$0.03763
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$724.89	\$346.96	\$377.93	\$724.64	\$346.71	\$377.93	-\$0.25	0.0%
50	10,000	\$1,678.01	\$867.40	\$810.61	\$1,677.38	\$866.77	\$810.61	-\$0.63	0.0%
100	20,000	\$3,266.55	\$1,734.79	\$1,531.76	\$3,265.30	\$1,733.54	\$1,531.76	-\$1.25	0.0%
150	30,000	\$4,855.10	\$2,602.19	\$2,252.91	\$4,853.22	\$2,600.31	\$2,252.91	-\$1.88	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.08327

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$956.66	\$520.44	\$436.22	\$956.28	\$520.06	\$436.22	(\$0.38)	0.0%
50	15,000	\$2,257.43	\$1,301.09	\$956.34	\$2,256.50	\$1,300.16	\$956.34	(\$0.93)	0.0%
100	30,000	\$4,425.41	\$2,602.19	\$1,823.22	\$4,423.53	\$2,600.31	\$1,823.22	(\$1.88)	0.0%
150	45,000	\$6,593.37	\$3,903.28	\$2,690.09	\$6,590.56	\$3,900.47	\$2,690.09	(\$2.81)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.08327

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$1,188.43	\$693.92	\$494.51	\$1,187.93	\$693.42	\$494.51	(\$0.50)	0.0%
50	20,000	\$2,836.86	\$1,734.79	\$1,102.07	\$2,835.61	\$1,733.54	\$1,102.07	(\$1.25)	0.0%
100	40,000	\$5,584.26	\$3,469.58	\$2,114.68	\$5,581.76	\$3,467.08	\$2,114.68	(\$2.50)	0.0%
150	60,000	\$8,331.66	\$5,204.38	\$3,127.28	\$8,327.91	\$5,200.63	\$3,127.28	(\$3.75)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.08327

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$1,420.20	\$867.40	\$552.80	\$1,419.57	\$866.77	\$552.80	(\$0.63)	0.0%
50	25,000	\$3,416.29	\$2,168.49	\$1,247.80	\$3,414.73	\$2,166.93	\$1,247.80	(\$1.56)	0.0%
100	50,000	\$6,743.12	\$4,336.98	\$2,406.14	\$6,739.99	\$4,333.85	\$2,406.14	(\$3.13)	0.0%
150	75,000	\$10,069.94	\$6,505.47	\$3,564.47	\$10,065.25	\$6,500.78	\$3,564.47	(\$4.69)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.08327

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$1,651.97	\$1,040.88	\$611.09	\$1,651.22	\$1,040.13	\$611.09	(\$0.75)	0.0%
50	30,000	\$3,995.72	\$2,602.19	\$1,393.53	\$3,993.84	\$2,600.31	\$1,393.53	(\$1.88)	0.0%
100	60,000	\$7,901.97	\$5,204.38	\$2,697.59	\$7,898.22	\$5,200.63	\$2,697.59	(\$3.75)	0.0%
150	90,000	\$11,808.22	\$7,806.56	\$4,001.66	\$11,802.60	\$7,800.94	\$4,001.66	(\$5.62)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.08327

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.02
Transmission Energy Charge	kWh x	\$0.00894
Distribution Demand Charge-xcs 10 kW	kW x	\$5.23
Distribution Energy Charge	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.08321

Note (1): includes the base Standard Offer Service Charge of 7.592¢/kWh, the Standard Offer Service Adjustment Charge of 0.282¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 7.592¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.282¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.159¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$6,996.15	\$4,230.83	\$2,765.32	\$6,993.65	\$4,228.33	\$2,765.32	(\$2.50)	0.0%
750	150,000	\$26,168.24	\$15,865.63	\$10,302.61	\$26,158.86	\$15,856.25	\$10,302.61	(\$9.38)	0.0%
1,000	200,000	\$34,882.83	\$21,154.17	\$13,728.66	\$34,870.33	\$21,141.67	\$13,728.66	(\$12.50)	0.0%
1,500	300,000	\$52,311.99	\$31,731.25	\$20,580.74	\$52,293.24	\$31,712.50	\$20,580.74	(\$18.75)	0.0%
2,500	500,000	\$87,170.33	\$52,885.42	\$34,284.91	\$87,139.08	\$52,854.17	\$34,284.91	(\$31.25)	0.0%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.10154

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$9,700.74	\$6,346.25	\$3,354.49	\$9,696.99	\$6,342.50	\$3,354.49	(\$3.75)	0.0%
750	225,000	\$36,310.43	\$23,798.44	\$12,511.99	\$36,296.37	\$23,784.38	\$12,511.99	(\$14.06)	0.0%
1,000	300,000	\$48,405.74	\$31,731.25	\$16,674.49	\$48,386.99	\$31,712.50	\$16,674.49	(\$18.75)	0.0%
1,500	450,000	\$72,596.37	\$47,596.88	\$24,999.49	\$72,568.24	\$47,568.75	\$24,999.49	(\$28.13)	0.0%
2,500	750,000	\$120,977.62	\$79,328.13	\$41,649.49	\$120,930.74	\$79,281.25	\$41,649.49	(\$46.88)	0.0%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$12,405.33	\$8,461.67	\$3,943.66	\$12,400.33	\$8,456.67	\$3,943.66	(\$5.00)	0.0%
750	300,000	\$46,452.61	\$31,731.25	\$14,721.36	\$46,433.86	\$31,712.50	\$14,721.36	(\$18.75)	0.0%
1,000	400,000	\$61,928.65	\$42,308.33	\$19,620.32	\$61,903.65	\$42,283.33	\$19,620.32	(\$25.00)	0.0%
1,500	600,000	\$92,880.74	\$63,462.50	\$29,418.24	\$92,843.24	\$63,425.00	\$29,418.24	(\$37.50)	0.0%
2,500	1,000,000	\$154,784.90	\$105,770.83	\$49,014.07	\$154,722.40	\$105,708.33	\$49,014.07	(\$62.50)	0.0%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$15,109.90	\$10,577.08	\$4,532.82	\$15,103.65	\$10,570.83	\$4,532.82	(\$6.25)	0.0%
750	375,000	\$56,594.80	\$39,664.06	\$16,930.74	\$56,571.37	\$39,640.63	\$16,930.74	(\$23.43)	0.0%
1,000	500,000	\$75,451.58	\$52,885.42	\$22,566.16	\$75,420.33	\$52,854.17	\$22,566.16	(\$31.25)	0.0%
1,500	750,000	\$113,165.12	\$79,328.13	\$33,836.99	\$113,118.24	\$79,281.25	\$33,836.99	(\$46.88)	0.0%
2,500	1,250,000	\$188,592.20	\$132,213.54	\$56,378.66	\$188,514.08	\$132,135.42	\$56,378.66	(\$78.12)	0.0%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$17,814.49	\$12,692.50	\$5,121.99	\$17,806.99	\$12,685.00	\$5,121.99	(\$7.50)	0.0%
750	450,000	\$66,736.99	\$47,596.88	\$19,140.11	\$66,708.86	\$47,568.75	\$19,140.11	(\$28.13)	0.0%
1,000	600,000	\$88,974.49	\$63,462.50	\$25,511.99	\$88,936.99	\$63,425.00	\$25,511.99	(\$37.50)	0.0%
1,500	900,000	\$133,449.49	\$95,193.75	\$38,255.74	\$133,393.24	\$95,137.50	\$38,255.74	(\$56.25)	0.0%
2,500	1,500,000	\$222,399.49	\$158,656.25	\$63,743.24	\$222,305.74	\$158,562.50	\$63,743.24	(\$93.75)	0.0%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.40
Transmission Energy Charge	kWh x	\$0.00930
Distribution Demand Charge - > 200 kW	kW x	\$4.10
Distribution Energy Charge	kWh x	\$0.00759
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the current Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the proposed Renewable Energy Standard Charge of 0.288¢/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	\$118,320.63	\$63,462.50	\$54,858.13	\$118,283.13	\$63,425.00	\$54,858.13	(\$37.50)	0.0%
5,000	1,000,000	\$185,153.96	\$105,770.83	\$79,383.13	\$185,091.46	\$105,708.33	\$79,383.13	(\$62.50)	0.0%
7,500	1,500,000	\$268,695.63	\$158,656.25	\$110,039.38	\$268,601.88	\$158,562.50	\$110,039.38	(\$93.75)	0.0%
10,000	2,000,000	\$352,237.30	\$211,541.67	\$140,695.63	\$352,112.30	\$211,416.67	\$140,695.63	(\$125.00)	0.0%
20,000	4,000,000	\$686,403.96	\$423,083.33	\$263,320.63	\$686,153.96	\$422,833.33	\$263,320.63	(\$250.00)	0.0%

Present Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.288¢/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	\$157,883.13	\$95,193.75	\$62,689.38	\$157,826.88	\$95,137.50	\$62,689.38	(\$56.25)	0.0%
5,000	1,500,000	\$251,091.46	\$158,656.25	\$92,435.21	\$250,997.71	\$158,562.50	\$92,435.21	(\$93.75)	0.0%
7,500	2,250,000	\$367,601.88	\$237,984.38	\$129,617.50	\$367,461.25	\$237,843.75	\$129,617.50	(\$140.63)	0.0%
10,000	3,000,000	\$484,112.29	\$317,312.50	\$166,799.79	\$483,924.79	\$317,125.00	\$166,799.79	(\$187.50)	0.0%
20,000	6,000,000	\$950,153.96	\$634,625.00	\$315,528.96	\$949,778.96	\$634,250.00	\$315,528.96	(\$375.00)	0.0%

Present Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.288¢/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	\$197,445.63	\$126,925.00	\$70,520.63	\$197,370.63	\$126,850.00	\$70,520.63	(\$75.00)	0.0%
5,000	2,000,000	\$317,028.96	\$211,541.67	\$105,487.29	\$316,903.96	\$211,416.67	\$105,487.29	(\$125.00)	0.0%
7,500	3,000,000	\$466,508.13	\$317,312.50	\$149,195.63	\$466,320.63	\$317,125.00	\$149,195.63	(\$187.50)	0.0%
10,000	4,000,000	\$615,987.29	\$423,083.33	\$192,903.96	\$615,737.29	\$422,833.33	\$192,903.96	(\$250.00)	0.0%
20,000	8,000,000	\$1,213,903.96	\$846,166.67	\$367,737.29	\$1,213,403.96	\$845,666.67	\$367,737.29	(\$500.00)	0.0%

Present Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.288¢/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	\$237,008.13	\$158,656.25	\$78,351.88	\$236,914.38	\$158,562.50	\$78,351.88	(\$93.75)	0.0%
5,000	2,500,000	\$382,966.46	\$264,427.08	\$118,539.38	\$382,810.21	\$264,270.83	\$118,539.38	(\$156.25)	0.0%
7,500	3,750,000	\$565,414.38	\$396,640.63	\$168,773.75	\$565,180.00	\$396,406.25	\$168,773.75	(\$234.38)	0.0%
10,000	5,000,000	\$747,862.30	\$528,854.17	\$219,008.13	\$747,549.80	\$528,541.67	\$219,008.13	(\$312.50)	0.0%
20,000	10,000,000	\$1,477,653.96	\$1,057,708.33	\$419,945.63	\$1,477,028.96	\$1,057,083.33	\$419,945.63	(\$625.00)	0.0%

Present Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.288¢/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	\$276,570.63	\$190,387.50	\$86,183.13	\$276,458.13	\$190,275.00	\$86,183.13	(\$112.50)	0.0%
5,000	3,000,000	\$448,903.96	\$317,312.50	\$131,591.46	\$448,716.46	\$317,125.00	\$131,591.46	(\$187.50)	0.0%
7,500	4,500,000	\$664,320.63	\$475,968.75	\$188,351.88	\$664,039.38	\$475,687.50	\$188,351.88	(\$281.25)	0.0%
10,000	6,000,000	\$879,737.29	\$634,625.00	\$245,112.29	\$879,362.29	\$634,250.00	\$245,112.29	(\$375.00)	0.0%
20,000	12,000,000	\$1,741,403.96	\$1,269,250.00	\$472,153.96	\$1,740,653.96	\$1,268,500.00	\$472,153.96	(\$750.00)	0.0%

Present Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.10154

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00233

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.10148

Note (1): includes the base Standard Offer Service Charge of 9.627¢/kWh, the Standard Offer Service Adjustment Charge of 0.059¢/kWh, the Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.294¢/kWh

Note (2): includes the base Standard Offer Service Charge of 9.627¢/kWh, the proposed Standard Offer Service Adjustment Charge of 0.059¢/kWh, the proposed Standard Offer Service Administrative Cost Factor of 0.174¢/kWh and the Renewable Energy Standard Charge of 0.288¢/kWh