

February 25, 2013

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4315 - 2013 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 2013 RES Charge and RES reconciliation. This filing consists of three attachments, which provide the calculation of the proposed RES charge for 2013, the RES reconciliation for the period January 1, 2012 through December 31, 2012, 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, 2013 of \$0.00512 per kWh. If the RES charge is approved, the bill impact for a monthly residential customer with usage of 500 kWh will be an increase of \$1.35, or approximately 1.7 percent.

Attachment 1 shows the calculation of the proposed RES charge for 2013. The charge is proposed to be in effect for the period April 1, 2013 through March 31, 2014 and is designed to recover from customers the estimated costs associated with the 2013 RES obligation year and an estimate of the remaining costs for the 2012 RES obligation year. The estimate of the remaining costs for the 2012 RES obligation year is based on a reconciliation of actual RES revenue and actual RES expense for 2012 (as shown on Attachment 2) and an estimate of remaining RES expense to satisfy the 2012 obligation year. The expected cost of Renewable Energy Certificates (“RECs”) to be procured for 2012 and 2013 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, 2012 through December 31, 2012. The January 2012 beginning balance of the reconciliation in Attachment 2 is \$4.3 million and represents the reconciliation balance as of December 31, 2011 as reported in the Company’s previous RES charge filing on February 21, 2012. Based on actual revenue collected for the period January 1, 2012 through December 31, 2012 and actual expenses incurred during 2012, the ending balance as of December 31, 2012 is an over recovery of \$2.8 million. Additionally, the Company will continue to incur costs for the

¹ The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”).

Luly E. Massaro, Commission Clerk
Docket 4315 RES Charge & Reconciliation
February 25, 2013
Page 2 of 2

2012 obligation year through June 15, 2013 since trading period for the 2012 obligation year does not end until June 15, 2013. The estimate of those expenses is calculated to be \$9.6 million, which is reduced by the \$2.8 million over recovery to arrive at the estimated final balance for the 2012 obligation year of \$6.8 million, which is found on Attachment 1, line 3.

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. For example, the RES charge implemented April 1, 2010 was designed to collect the costs of RECs procured for obligation year 2010, which were incurred from January 1, 2010 through June 15, 2011.

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 feel free to contact me at (401) 784-7667 if you have any questions concerning this filing.

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 4315 Service List
Steve Scialabba, RI Division

Certificate of Service

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



February 25, 2013

Joanne M. Scanlon
National Grid

Date

**Docket No. 4315 National Grid – 2013 SOS and RES Procurement Plans
Service List updated 5/15/12**

Name/Address	E-mail Distribution	Phone
Thomas R. Teehan, Esq. Celia B. O'Brien, Esq. National Grid. 280 Melrose St. Providence, RI 02907	Thomas.teehan@nationalgrid.com	401-784-7667
	Celia.obrien@nationalgrid.com	781-907-2153
	Joanne.scanlon@nationalgrid.com	
	Brooke.Skulley@nationalgrid.com	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	Lwold@riag.ri.gov	401-222-2424
	Jhagopian@riag.ri.gov	
	Dstearns@ripuc.state.ri.us	
	Sscialabba@ripuc.state.ri.us	
Richard Hahn LaCapra Associates One Washington Mall, 9 th floor Boston, MA 02108	rhahn@lacapra.com	617-778-2467
Joseph E. Donovan, Sr. Counsel Constellation Energy Resources, LLC 100 Constellation Way, Suite 600C Baltimore, Maryland 21202	Joseph.Donovan@constellation.com	410-470-3582
Daniel Allegretti, VP – Energy Policy Constellation Energy Resources, LLC	Daniel.Allegretti@constellation.com	601-224-9653
File an original & 10 copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Lmassaro@puc.state.ri.us	401-780-2017
	Cwilson@puc.state.ri.us	
	Dalessandro@puc.state.ri.us	
	Nucci@puc.state.ri.us	
	Anault@puc.state.ri.us	
	DShah@puc.state.ri.us	

Attachment 1

**Narragansett Electric Company
Renewable Energy Standard Charge**

Section 1: Calculation of New Renewable Energy Resource Charge

(1)	Average Compliance Year 2013 New Renewable Energy Resource REC Cost	\$62.75
(2)	2013 RES New Renewable Energy Resource Obligation	5.5%
(3)	Incremental Cost - \$/MWh	\$3.45

Section 2: Calculation of Existing Renewable Energy Resource Charge

(4)	Average Compliance Year 2013 Existing Renewable Energy Resource REC Cost	\$0.70
(5)	2013 RES Existing Renewable Energy Resource Obligation	2.0%
(6)	Incremental Cost - \$/MWh	\$0.01

Section 3: Calculation of Renewable Energy Standard Charge

(7)	Sum of New and Existing Incremental Charges - \$/MWh	\$3.46
(8)	Renewable Portfolio Standard Adder to be included in Retail Rates - \$/kWh	\$0.00371
(9)	Adjustment to Proposed 2013 RES Charge	\$0.00141
(10)	Proposed 2013 RES Charge	\$0.00512

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 1.0731 (average RI loss factor for 12 months ending October 2012) 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**

Section 1: Summary of Adjustment to Proposed 2013 Renewable Energy Standard Charge

(1)	Over Collection of Expense for the period January 2012 through December 2012	(\$2,803,911)
(2)	Estimated Remaining Expense for Obligation Year 2012	<u>\$9,607,456</u>
(3)	Total Estimated Under(Over) Collection	<u>\$6,803,545</u>
(4)	forecasted SOS kWhs for the period April 1, 2013 through March 31, 2014	4,809,544,447
(5)	Adjustment to Proposed 2013 RES Charge	\$0.00141

Line Notes:

- (1) from Attachment 2, page 1
- (2) Estimated Expense based upon 2012 RECs to be delivered at contract prices and remaining 2012 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

Month	Over(Under)	RES Revenue	RES Expense	Monthly Over(Under)	Over(Under)
	Beginning				Ending
	Balance	Monthly Balance			
(a)	(b)	(c)	(d)	(e)	
(1) Jan-2012	\$4,282,897	(\$58,499)	\$127,138	(\$185,636)	\$4,097,261
Feb-2012	\$4,097,261	(\$131,813)	\$0	(\$131,813)	\$3,965,449
Mar-2012	\$3,965,449	(\$127,370)	\$0	(\$127,370)	\$3,838,079
Apr-2012	\$3,838,079	\$278,632	\$1,213,302	(\$934,670)	\$2,903,409
May-2012	\$2,903,409	\$844,847	\$5,866,546	(\$5,021,699)	(\$2,118,290)
Jun-2012	(\$2,118,290)	\$978,011	\$199,451	\$778,560	(\$1,339,730)
Jul-2012	(\$1,339,730)	\$1,212,042	\$1,905,638	(\$693,596)	(\$2,033,326)
Aug-2012	(\$2,033,326)	\$1,370,583	\$0	\$1,370,583	(\$662,743)
Sep-2012	(\$662,743)	\$1,217,118	\$0	\$1,217,118	\$554,375
Oct-2012	\$554,375	\$885,275	\$0	\$885,275	\$1,439,650
Nov-2012	\$1,439,650	\$867,658	\$0	\$867,658	\$2,307,308
Dec-2012	\$2,307,308	\$1,009,375	\$1,240,790	(\$231,415)	\$2,075,893
(2) Jan-2013	\$2,075,893	\$628,334		\$628,334	\$2,704,228
Totals	\$4,282,897	\$8,974,194	\$10,552,864	(\$1,578,670)	\$2,704,228
Interest (3)					\$99,683
Ending Balance with Interest					\$2,803,911

(1) Reflects kWhs consumption after January 1st.

(2) Reflects kWhs consumption prior to January 1st.

(3) Interest expense calculation: $[(\text{Beginning Balance } \$4,282,897 + \text{Ending Balance } \$2,704,228) \div 2] \times (3.22\% \times 2 \div 12) + (2.78\% \times 10 \div 12)$

Column Notes:

Column (a) Column (e) from previous row; beginning balance from Renewable Energy Standard Charge and Reconciliation filing, RIPUC Docket No. 4227, dated February 2012, Attachment 2, page 1

Column (b) from monthly revenue reports

Column (c) from invoices

Column (d) Column (b) - Column (c)

Column (e) Column (a) + Column (d)

Reconciliation of RES Revenue and Expense by Obligation Year

Revenue:

Mo/Yr	2013	2012	2011	2010	2009	2008	2007	
Jan	\$628,334	(\$136,074)	\$583,729	\$476,115	\$533,823	\$418,748	\$145,504	
Feb		(\$131,813)	\$549,382	\$416,742	\$471,983	\$471,914	\$340,767	
Mar		(\$127,370)	\$503,314	\$458,091	\$447,834	\$426,241	\$344,825	
Apr		\$278,632	\$270,880	\$489,990	\$408,614	\$461,233	\$308,736	
May		\$844,847	(\$103,510)	\$451,008	\$379,793	\$379,231	\$299,310	
Jun		\$978,011	(\$121,350)	\$492,071	\$381,296	\$429,834	\$329,418	
Jul		\$1,212,042	(\$154,882)	\$699,844	\$426,518	\$518,499	\$365,457	
Aug		\$1,370,583	(\$173,635)	\$672,874	\$475,701	\$589,305	\$411,597	
Sep		\$1,217,118	(\$150,400)	\$604,060	\$492,140	\$559,896	\$387,388	
Oct		\$885,275	(\$126,897)	\$483,425	\$372,774	\$477,984	\$342,470	
Nov		\$867,658	(\$123,672)	\$456,969	\$362,055	\$325,421	\$317,836	
Dec		\$1,009,375	(\$125,231)	\$508,502	\$408,890	\$425,044	\$362,807	<u>TOTAL</u>
1. Total	\$628,334	\$8,268,285	\$827,727	\$6,209,689	\$5,161,420	\$5,483,351	\$3,956,114	\$30,534,921
2. Total Expense for Obligation Year		\$3,197,298	\$8,426,724	\$2,096,152	\$5,508,379	\$5,254,430	\$3,940,440	\$28,423,423
3. Adjustments						\$8,000		8,000
4. Over/Under	\$628,334	\$5,070,987	(\$7,598,996)	\$4,113,537	(\$346,959)	\$236,921	\$15,675	\$2,119,498
5. Interest	\$0	\$99,683	\$153,607	\$142,771	\$89,665	\$143,084	\$55,602	\$684,412
6. Over/Under w/ Int	\$628,334	\$5,170,670	(\$7,445,389)	\$4,256,308	(\$257,294)	\$380,005	\$71,277	\$2,803,910
7. Balance Ending December 31, 2012								\$2,803,911
								<u>(\$0)</u>

Notes:

- Sum of annual calendar year RES revenue billed to customers
- Sum of RES expenses related to obligation year (2012 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

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	\$27.84	\$11.23	\$16.61	\$28.25	\$11.64	\$16.61	\$0.41	1.5%	13.7%
300	\$49.60	\$22.46	\$27.14	\$50.41	\$23.27	\$27.14	\$0.81	1.6%	17.5%
400	\$64.11	\$29.95	\$34.16	\$65.19	\$31.03	\$34.16	\$1.08	1.7%	11.8%
500	\$78.62	\$37.44	\$41.18	\$79.97	\$38.79	\$41.18	\$1.35	1.7%	10.8%
600	\$93.13	\$44.93	\$48.20	\$94.74	\$46.54	\$48.20	\$1.61	1.7%	9.4%
700	\$107.64	\$52.41	\$55.23	\$109.53	\$54.30	\$55.23	\$1.89	1.8%	7.7%
1,000	\$151.17	\$74.88	\$76.29	\$153.86	\$77.57	\$76.29	\$2.69	1.8%	15.0%
2,000	\$296.26	\$149.75	\$146.51	\$301.66	\$155.15	\$146.51	\$5.40	1.8%	14.1%

Present Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01942
Distribution Energy Charge	kWh x	\$0.03811
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07188

Proposed Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01942
Distribution Energy Charge	kWh x	\$0.03811
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.07447

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$20.52	\$11.23	\$9.29	\$20.93	\$11.64	\$9.29	\$0.41	2.0%	10.7%
300	\$40.18	\$22.46	\$17.72	\$40.99	\$23.27	\$17.72	\$0.81	2.0%	23.2%
400	\$53.29	\$29.95	\$23.34	\$54.37	\$31.03	\$23.34	\$1.08	2.0%	14.9%
500	\$66.40	\$37.44	\$28.96	\$67.75	\$38.79	\$28.96	\$1.35	2.0%	12.2%
600	\$79.51	\$44.93	\$34.58	\$81.12	\$46.54	\$34.58	\$1.61	2.0%	9.6%
700	\$92.61	\$52.41	\$40.20	\$94.50	\$54.30	\$40.20	\$1.89	2.0%	7.3%
1,000	\$131.93	\$74.88	\$57.05	\$134.62	\$77.57	\$57.05	\$2.69	2.0%	12.3%
2,000	\$262.99	\$149.75	\$113.24	\$268.39	\$155.15	\$113.24	\$5.40	2.1%	9.8%

Present Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01942
Distribution Energy Charge	kWh x	\$0.02464
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07188

Proposed Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01942
Distribution Energy Charge	kWh x	\$0.02464
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.07447

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh

XA2013 neco\RES Filing (Feb 2013)\[TypicalBills.XLS]Input Section

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	\$45.96	\$18.45	\$27.51	\$46.64	\$19.13	\$27.51	\$0.68	1.5%	35.2%
500	\$80.65	\$36.91	\$43.74	\$82.00	\$38.26	\$43.74	\$1.35	1.7%	17.0%
1,000	\$150.02	\$73.81	\$76.21	\$152.72	\$76.51	\$76.21	\$2.70	1.8%	19.0%
1,500	\$219.39	\$110.72	\$108.67	\$223.44	\$114.77	\$108.67	\$4.05	1.8%	9.8%
2,000	\$288.77	\$147.63	\$141.14	\$294.16	\$153.02	\$141.14	\$5.39	1.9%	19.1%

Present Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01838
Distribution Energy Charge	kWh x	\$0.03407
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07086

Proposed Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01838
Distribution Energy Charge	kWh x	\$0.03407
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh

X:\2013 neco\RES Filing (Feb 2013)\[TypicalBills.XLS]Input Section

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	\$643.97	\$295.25	\$348.72	\$654.76	\$306.04	\$348.72	\$10.79	1.7%
50	10,000	\$1,473.47	\$738.13	\$735.34	\$1,500.44	\$765.10	\$735.34	\$26.97	1.8%
100	20,000	\$2,855.97	\$1,476.25	\$1,379.72	\$2,909.93	\$1,530.21	\$1,379.72	\$53.96	1.9%
150	30,000	\$4,238.47	\$2,214.38	\$2,024.09	\$4,319.40	\$2,295.31	\$2,024.09	\$80.93	1.9%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.07086

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh

X:\2013 neco\RES Filing (Feb 2013)\[TypicalBills.XLS]Input Section

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	\$841.83	\$442.88	\$398.95	\$858.01	\$459.06	\$398.95	\$16.18	1.9%
50	15,000	\$1,968.11	\$1,107.19	\$860.92	\$2,008.58	\$1,147.66	\$860.92	\$40.47	2.1%
100	30,000	\$3,845.24	\$2,214.38	\$1,630.86	\$3,926.17	\$2,295.31	\$1,630.86	\$80.93	2.1%
150	45,000	\$5,722.37	\$3,321.56	\$2,400.81	\$5,843.78	\$3,442.97	\$2,400.81	\$121.41	2.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07086

Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh

X:\2013 neco\RES Filing (Feb 2013)\[TypicalBills.XLS]Input Section

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	\$1,039.68	\$590.50	\$449.18	\$1,061.26	\$612.08	\$449.18	\$21.58	2.1%
50	20,000	\$2,462.74	\$1,476.25	\$986.49	\$2,516.70	\$1,530.21	\$986.49	\$53.96	2.2%
100	40,000	\$4,834.51	\$2,952.50	\$1,882.01	\$4,942.43	\$3,060.42	\$1,882.01	\$107.92	2.2%
150	60,000	\$7,206.28	\$4,428.75	\$2,777.53	\$7,368.16	\$4,590.63	\$2,777.53	\$161.88	2.2%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.07086

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh

X:\2013 neco\RES Filing (Feb 2013)\TypicalBills.XLS\Input Section

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	\$1,237.54	\$738.13	\$499.41	\$1,264.51	\$765.10	\$499.41	\$26.97	2.2%
50	25,000	\$2,957.37	\$1,845.31	\$1,112.06	\$3,024.82	\$1,912.76	\$1,112.06	\$67.45	2.3%
100	50,000	\$5,823.79	\$3,690.63	\$2,133.16	\$5,958.68	\$3,825.52	\$2,133.16	\$134.89	2.3%
150	75,000	\$8,690.19	\$5,535.94	\$3,154.25	\$8,892.53	\$5,738.28	\$3,154.25	\$202.34	2.3%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.07086

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$1,435.39	\$885.75	\$549.64	\$1,467.77	\$918.13	\$549.64	\$32.38	2.3%
50	30,000	\$3,452.02	\$2,214.38	\$1,237.64	\$3,532.95	\$2,295.31	\$1,237.64	\$80.93	2.3%
100	60,000	\$6,813.05	\$4,428.75	\$2,384.30	\$6,974.93	\$4,590.63	\$2,384.30	\$161.88	2.4%
150	90,000	\$10,174.10	\$6,643.13	\$3,530.97	\$10,416.91	\$6,885.94	\$3,530.97	\$242.81	2.4%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07086

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge	kWh x	\$0.00588
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.07345

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$5,662.33	\$3,257.92	\$2,404.41	\$5,770.24	\$3,365.83	\$2,404.41	\$107.91	1.9%
750	150,000	\$20,987.85	\$12,217.19	\$8,770.66	\$21,392.54	\$12,621.88	\$8,770.66	\$404.69	1.9%
1,000	200,000	\$27,953.99	\$16,289.58	\$11,664.41	\$28,493.58	\$16,829.17	\$11,664.41	\$539.59	1.9%
1,500	300,000	\$41,886.29	\$24,434.38	\$17,451.91	\$42,695.66	\$25,243.75	\$17,451.91	\$809.37	1.9%
2,500	500,000	\$69,750.87	\$40,723.96	\$29,026.91	\$71,099.83	\$42,072.92	\$29,026.91	\$1,348.96	1.9%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.07819

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$7,759.20	\$4,886.88	\$2,872.32	\$7,921.07	\$5,048.75	\$2,872.32	\$161.87	2.1%
750	225,000	\$28,851.12	\$18,325.78	\$10,525.34	\$29,458.15	\$18,932.81	\$10,525.34	\$607.03	2.1%
1,000	300,000	\$38,438.37	\$24,434.38	\$14,003.99	\$39,247.74	\$25,243.75	\$14,003.99	\$809.37	2.1%
1,500	450,000	\$57,612.84	\$36,651.56	\$20,961.28	\$58,826.91	\$37,865.63	\$20,961.28	\$1,214.07	2.1%
2,500	750,000	\$95,961.80	\$61,085.94	\$34,875.86	\$97,985.24	\$63,109.38	\$34,875.86	\$2,023.44	2.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$9,856.07	\$6,515.83	\$3,340.24	\$10,071.91	\$6,731.67	\$3,340.24	\$215.84	2.2%
750	300,000	\$36,714.41	\$24,434.38	\$12,280.03	\$37,523.78	\$25,243.75	\$12,280.03	\$809.37	2.2%
1,000	400,000	\$48,922.74	\$32,579.17	\$16,343.57	\$50,001.90	\$33,658.33	\$16,343.57	\$1,079.16	2.2%
1,500	600,000	\$73,339.41	\$48,868.75	\$24,470.66	\$74,958.16	\$50,487.50	\$24,470.66	\$1,618.75	2.2%
2,500	1,000,000	\$122,172.74	\$81,447.92	\$40,724.82	\$124,870.65	\$84,145.83	\$40,724.82	\$2,697.91	2.2%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$11,952.95	\$8,144.79	\$3,808.16	\$12,222.74	\$8,414.58	\$3,808.16	\$269.79	2.3%
750	375,000	\$44,577.69	\$30,542.97	\$14,034.72	\$45,589.41	\$31,554.69	\$14,034.72	\$1,011.72	2.3%
1,000	500,000	\$59,407.12	\$40,723.96	\$18,683.16	\$60,756.08	\$42,072.92	\$18,683.16	\$1,348.96	2.3%
1,500	750,000	\$89,065.97	\$61,085.94	\$27,980.03	\$91,089.41	\$63,109.38	\$27,980.03	\$2,023.44	2.3%
2,500	1,250,000	\$148,383.68	\$101,809.90	\$46,573.78	\$151,756.07	\$105,182.29	\$46,573.78	\$3,372.39	2.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$14,049.82	\$9,773.75	\$4,276.07	\$14,373.57	\$10,097.50	\$4,276.07	\$323.75	2.3%
750	450,000	\$52,440.97	\$36,651.56	\$15,789.41	\$53,655.04	\$37,865.63	\$15,789.41	\$1,214.07	2.3%
1,000	600,000	\$69,891.49	\$48,868.75	\$21,022.74	\$71,510.24	\$50,487.50	\$21,022.74	\$1,618.75	2.3%
1,500	900,000	\$104,792.54	\$73,303.13	\$31,489.41	\$107,220.66	\$75,731.25	\$31,489.41	\$2,428.12	2.3%
2,500	1,500,000	\$174,594.62	\$122,171.88	\$52,422.74	\$178,641.49	\$126,218.75	\$52,422.74	\$4,046.87	2.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge	kWh x	\$0.00612
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$96,277.95	\$48,868.75	\$47,409.20	\$97,896.70	\$50,487.50	\$47,409.20	\$1,618.75	1.7%
5,000	1,000,000	\$148,657.12	\$81,447.92	\$67,209.20	\$151,355.03	\$84,145.83	\$67,209.20	\$2,697.91	1.8%
7,500	1,500,000	\$214,131.08	\$122,171.88	\$91,959.20	\$218,177.95	\$126,218.75	\$91,959.20	\$4,046.87	1.9%
10,000	2,000,000	\$279,605.03	\$162,895.83	\$116,709.20	\$285,000.87	\$168,291.67	\$116,709.20	\$5,395.84	1.9%
20,000	4,000,000	\$541,500.87	\$325,791.67	\$215,709.20	\$552,292.53	\$336,583.33	\$215,709.20	\$10,791.66	2.0%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.07819

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00019

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$125,781.08	\$73,303.13	\$52,477.95	\$128,209.20	\$75,731.25	\$52,477.95	\$2,428.12	1.9%
5,000	1,500,000	\$197,828.99	\$122,171.88	\$75,657.11	\$201,875.86	\$126,218.75	\$75,657.11	\$4,046.87	2.0%
7,500	2,250,000	\$287,888.88	\$183,257.81	\$104,631.07	\$293,959.20	\$189,328.13	\$104,631.07	\$6,070.32	2.1%
10,000	3,000,000	\$377,948.78	\$244,343.75	\$133,605.03	\$386,042.53	\$252,437.50	\$133,605.03	\$8,093.75	2.1%
20,000	6,000,000	\$738,188.36	\$488,687.50	\$249,500.86	\$754,375.86	\$504,875.00	\$249,500.86	\$16,187.50	2.2%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$155,284.20	\$97,737.50	\$57,546.70	\$158,521.70	\$100,975.00	\$57,546.70	\$3,237.50	2.1%
5,000	2,000,000	\$247,000.86	\$162,895.83	\$84,105.03	\$252,396.70	\$168,291.67	\$84,105.03	\$5,395.84	2.2%
7,500	3,000,000	\$361,646.70	\$244,343.75	\$117,302.95	\$369,740.45	\$252,437.50	\$117,302.95	\$8,093.75	2.2%
10,000	4,000,000	\$476,292.53	\$325,791.67	\$150,500.86	\$487,084.19	\$336,583.33	\$150,500.86	\$10,791.66	2.3%
20,000	8,000,000	\$934,875.86	\$651,583.33	\$283,292.53	\$956,459.20	\$673,166.67	\$283,292.53	\$21,583.34	2.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$184,787.33	\$122,171.88	\$62,615.45	\$188,834.20	\$126,218.75	\$62,615.45	\$4,046.87	2.2%
5,000	2,500,000	\$296,172.74	\$203,619.79	\$92,552.95	\$302,917.53	\$210,364.58	\$92,552.95	\$6,744.79	2.3%
7,500	3,750,000	\$435,404.51	\$305,429.69	\$129,974.82	\$445,521.70	\$315,546.88	\$129,974.82	\$10,117.19	2.3%
10,000	5,000,000	\$574,636.28	\$407,239.58	\$167,396.70	\$588,125.87	\$420,729.17	\$167,396.70	\$13,489.59	2.3%
20,000	10,000,000	\$1,131,563.37	\$814,479.17	\$317,084.20	\$1,158,542.53	\$841,458.33	\$317,084.20	\$26,979.16	2.4%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/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	\$214,290.45	\$146,606.25	\$67,684.20	\$219,146.70	\$151,462.50	\$67,684.20	\$4,856.25	2.3%
5,000	3,000,000	\$345,344.61	\$244,343.75	\$101,000.86	\$353,438.36	\$252,437.50	\$101,000.86	\$8,093.75	2.3%
7,500	4,500,000	\$509,162.33	\$366,515.63	\$142,646.70	\$521,302.95	\$378,656.25	\$142,646.70	\$12,140.62	2.4%
10,000	6,000,000	\$672,980.03	\$488,687.50	\$184,292.53	\$689,167.53	\$504,875.00	\$184,292.53	\$16,187.50	2.4%
20,000	12,000,000	\$1,328,250.86	\$977,375.00	\$350,875.86	\$1,360,625.86	\$1,009,750.00	\$350,875.86	\$32,375.00	2.4%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07819

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge	kWh x	\$0.00646
Distribution Demand Charge	kW x	\$3.34
Distribution Energy Charge	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00019
Gross Earnings Tax		4%
Standard Offer Charge (2)	kWh x	\$0.08078

Note (1): Includes the current Renewable Energy Standard Charge of 0.253¢/kWh

Note (2): Includes the proposed Renewable Energy Standard Charge of 0.512¢/kWh