

November 20, 2015

BY HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 4580 – The Narragansett Electric Company, d/b/a National Grid
2016 Energy Efficiency Program Plan
Responses to PUC Data Requests – Set 2**

Dear Ms. Massaro:

I have enclosed ten copies of National Grid's¹ responses to the second set of data requests issued by the Public Utilities Commission in the above-referenced docket.

Thank you for your attention to this filing. If you have any questions, please contact me at 781-907-2121.

Very truly yours,



Raquel J. Webster

Enclosure

cc: Docket 4580 Service List
Karen Lyons, Esq.
Jon Hagopian, Esq.
Steve Scialabba, Division

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

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.

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

November 20, 2015

Date

**Docket No. 4580 - National Grid - 2016 Energy Efficiency Program Plan
Service list updated 10/19/15**

Name/Address	E-mail Distribution List	Phone
Raquel Webster, Esq. National Grid 280 Melrose St. Providence, RI 02907	Raquel.webster@nationalgrid.com ;	781-907-2121
	Joanne.scanlon@nationalgrid.com ;	
	Celia.obrien@nationalgrid.com ;	
	Jeremy.newberger@nationalgrid.com ;	
Jon Hagopian, Esq. Division of Public Utilities and Carriers	Jon.hagopian@dpuc.ri.gov ;	401-784-4775
	Al.mancini@dpuc.ri.gov ;	
	Al.contente@dpuc.ri.gov ;	
	Steve.scialabba@dpuc.ri.gov ;	
Tim Woof Jennifer Kallay Synapse Energy Economics 22 Pearl Street Cambridge, MA 02139	twoolf@synapse-energy.com ;	
	jkallay@synapse-energy.com ;	
Karen Lyons, Esq. Dept. of Attorney General	klyons@riag.ri.gov ;	
	dmacrae@riag.ri.gov ;	
	jmunoz@riag.ri.gov ;	
Marisa Desautel, Esq. (EERMC) Law Office of Marisa Desautel, LLC 55 Pine St. Providence, RI 02903	marisa@desautelesq.com ;	401-477-0023
Mike Guerard, Optimal Energy	guerard@optenergy.com ;	
Mark E. LeBel, Esq. Acadia Center 31 Milk Street Suite 501 Boston, MA 02108	mlebel@acadiacenter.org ;	617-742-0054 Ext. 104
	aanthony@acadiacenter.org ;	
	lmalone@acadiacenter.org ;	
Scudder Parker VEIC	sparker@veic.org ;	
Christopher Kearns, Chief Program Dev. Office of Energy Resources (OER)	Christopher.Kearns@energy.ri.gov ;	
	Marion.Gold@energy.ri.gov ;	
	Danny.Musher@energy.ri.gov ;	
	Nicholas.Ucci@energy.ri.gov ;	

Daniel W. Majcher, Esq. (OER) Dept. of Administration Division of Legal Services One Capitol Hill, 4 th Floor Providence, RI 02908	Daniel.majcher@doa.ri.gov ;	401-222-8880
Larry Chretien, Executive Director People's Power and Light	Larry@massenergy.org ;	
Ruth Ann Norton, President & CEO Green & Healthy Homes Initiative	Ranorton@ghhi.org ;	
Original & 9 copies file w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov ;	401-780-2107
	Amy.Dalessandro@puc.ri.gov ;	
	Alan.nault@puc.ri.gov ;	
	Todd.bianco@puc.ri.gov ;	
	Alan.nault@puc.ri.gov ;	
Lewis Babbitt Dept. of Human Services	Lewis.babbitt@dhs.ri.gov ;	401-462-6424
Douglas Gablinske, Executive Director The Energy Council of RI (TEC-RI)	doug@tecri.org ;	

COMM 2-1

Request:

Attachment 2, pages 37-43. Explain in a few sentences how the CHP program in 2016 differs from 2015.

Response:

As noted in the Company's responses to COMM 2-2 and COMM 2-3, there are several CHP projects under consideration and development in Rhode Island. The Company believes that these potential projects are due to the steady promotion of CHP through the energy efficiency programs. Consequently, major changes to the CHP offering for 2016 are not warranted. The following are a few minor ways in which the CHP program offering for 2016 differs from 2015:

- Separate eligibility requirements were created for wasted energy or back pressure turbine systems. These requirements will exempt this type of system from the 55% minimum system efficiency requirement. These types of CHP systems increase the efficient use of fuel on site and create useful thermal and electric output while requiring little or no new fuel input. Because of this, the 55% minimum system efficiency threshold requirement was considered an arbitrary factor and a potential barrier to promoting CHP.
- Made explicit mention of the eligibility of new construction (as opposed to retrofit) CHP projects, subject to identification of appropriate baseline, and added explicit guidance on incentive calculation for new construction CHP.
- Updated the calculation of emissions reduction benefits to use dollar per ton estimates from a published analysis of the value of emissions reductions. This change was made to simplify the analysis from the prior COBRA model application that had been used for three years. This change is included in Attachment 4 of the 2016 EE Plan, pages 10–13.

In addition to these changes, the Company has also enhanced the implementation of the CHP program through the appointment of a CHP program manager (as of July 2015) to help guide customers through the process and the finalization of a customer-facing CHP User's Manual.

COMM 2-2

Request:

Attachment 2, pages 37-43. What is the total dollar amount paid to date in CHP incentives since the inception of the legislative mandate to document support for CHP in the annual energy efficiency plans?

Response:

The legislative amendment that mandates documentation in support of CHP was passed on June 21, 2012, and National Grid aligned program offerings with the legislation beginning on January 1, 2013. Since January 1, 2013, the Company has paid \$10,857,600 in energy efficiency incentives to two customers for two CHP projects. The Company is planning to pay an additional \$2,700,000 in energy efficiency incentives by December 31, 2015 at the completion of the commissioning of one of these projects. Additionally, the Company has committed to three CHP projects that will be completed in either 2016 or 2017; incentives for these projects total \$1,682,500.

COMM 2-3

Request:

Attachment 2, pages 37-43. How many CHP units have been deployed since the inception of the legislative mandate to document support for CHP in the annual energy efficiency plans?

Response:

The amendment was passed on June 21, 2012, and the National Grid aligned program offerings with the legislation beginning on January 1, 2013. As of January 1, 2013, two systems have been completed; one of these systems is in the final stages of commissioning.

In addition, the Company has committed to three projects that will be completed in either 2016 or 2017. The Company is currently developing five potential CHP projects with various customers.

COMM 2-4

Request:

Table G-1. Please verify that 1) the gas efficiency budget has increased from \$24,547 in 2015 to \$27,680 in 2016, and 2) the gas EEP charges decreased from \$0.781 and \$0.637 in 2015 to \$0.748 and \$0.487 in 2016. If correct, please explain why the gas budgets increased in 2016 but the gas EEP charges decreased.

Response:

- 1) Yes. The gas efficiency budget has increased from \$24,547,900 in 2015 to \$27,680,200 in 2016.
- 2) Yes. The gas EEP charges decreased from \$0.781 and \$0.637 in 2015 to \$0.748 and \$0.487 in 2016.
- 3) The gas budget increased in 2016, compared to 2015, due to several factors:
 - a. An increase in savings goals from 2015 to 2016 requires a higher budget to capture those additional savings.
 - b. The \$429,000 the Company is required to remit to the Rhode Island Infrastructure Bank.
 - c. An increase in EnergyWise Single Family weatherization incentives compared to the 2015 EEP for weatherization in order to increase customer incentives and participation.
 - d. Inclusion of incentives for water heating equipment in Residential New Construction.
 - e. An increase in the delivery costs for EnergyWise Multi Family, including greater costs associated with encouraging more condos to participate in the program.
 - f. The application of evaluation results and higher baselines made it more expensive to achieve savings in the ENERGY STAR[®] HVAC program in 2016. This increases the gas budget in two ways: ENERGY STAR[®] HVAC increased its budget, and the Company increased budgets in other programs in increased participation to meet the overall savings targets.

COMM 2-4, page 2

Although the proposed 2016 budget is an increase over the 2015 budget, the EEP charges are decreasing due to higher than anticipated sales during the winter of 2015. Higher sales led to an over-collection of EEP gas funds that the Company projects will lead to a positive fund balance of approximately \$3.67 million at the end of 2015. The positive fund balance reduces the total new customer funding required, thereby lowering the EEP charges for 2016 and reconciling the over-collection back to customers.

The 2015 EEP charges were higher because there was a negative gas fund balance at the end of 2014. The negative fund balance increased the customer funding required, leading to higher charges to reconcile the under-collection back to EEP programs.

COMM 2-5

Request:

Which energy efficiency programs have not lived up to the Company's expectations and why? What steps are the Company taking to improve on these programs?

Response:

Overall, the Company is satisfied with the Energy Efficiency (EE) program's performance in 2014, and the program's projected performance in 2015. The Company is either meeting or exceeding the state's energy savings targets and delivering quality services to Rhode Island customers. As the 2016 EE Plan demonstrates, the Company is also striving to continually improve the program offerings.

In 2016, one of the Company's focuses will be to improve how we track and report our savings and participation for small business customers. Over the past few years, the Company has provided small business customers with numerous energy efficiency options. However, the Company's planning and reporting does not accurately illustrate either this changing practice or the number of small businesses the Company is actually serving. For example, the 2016 Plan lists the energy savings targets and participation for the Small Business Direct Install as 12,165 MWhs and 905 participants. However, the Company serves small business customers through the Upstream Lighting initiative, Municipal Initiative, and through various efforts within the Company's vertical market segments. These initiatives are more accessible for customers, and provide lower cost and targeted solutions. These initiatives are within the Commercial and Industrial (C&I) New Construction and C&I Retrofit program and not within the Small Business Direct Install program. These initiatives decrease the potential savings for the Small Business Direct Install program, which is why the program's planned savings and participation have been decreasing in recent years. The Company is planning to improve the tracking in 2016 so that we can better plan and report the benefits we are providing to Small Business customers in 2017.

COMM 2-6

Request:

For both electric and gas programs, please provide the maximum possible incentive that can be earned by the company. Please include the calculations.

Response:

As described on page 27 of the 2016 EEP, the Company can earn an incentive for each MWh, MW or MMBtu saved, up to 125% of the savings goal. Therefore, in order to provide the maximum possible incentive, the illustration below assumes that the Company has achieved 125% of its 2016 energy, demand, and gas savings goals.

1. Electric Program Maximum Electric Incentive = \$4,847,609

A) Energy Incentive Formula:

Spending Budget * (Energy Incentive Rate * % of savings achieved) = Maximum Energy Incentive

- Income Eligible Residential: $\$11,187,403 * (0.035 * 1.25) = \$489,449$
- Non-Income Eligible Residential: $\$27,873,133 * (0.035 * 1.25) = \$1,219,450$
- Commercial & Industrial: $\$38,501,209 * (0.035 * 1.25) = \$1,684,428$

B) Demand Incentive Formula:

Spending Budget * (Demand Incentive Rate * % of savings achieved) = Maximum Energy Incentive

- Income Eligible Residential: $\$11,187,403 * (0.015 * 1.25) = \$209,764$
- Non-Income Eligible Residential: $\$27,873,133 * (0.015 * 1.25) = \$522,621$
- Commercial & Industrial: $\$38,501,209 * (0.015 * 1.25) = \$721,898$

COMM 2-6, page 2

2. Gas Program Maximum Gas Incentive = \$1,564,568

A) Gas Incentive Formula:

Spending Budget * (Gas Incentive Rate * % of savings achieved) = Maximum Energy Incentive

- Income Eligible Residential: $\$5,348,777 * (0.05 * 1.25) = \$334,299$
- Non-Income Eligible Residential: $\$11,977,711 * (0.05 * 1.25) = \$748,607$
- Commercial & Industrial: $\$7,706,602 * (0.05 * 1.25) = \$481,663$

COMM 2-7

Request:

Please update the response to COMM 2-1 provided in Docket 4527 (2015 EE Program Plan) to include the 2016 proposal.

Response:

Please see Attachment COMM 2-7 for an update to the response to COMM 2-1.

Rhode Island Energy Efficiency 2003 - 2016

Electric	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013⁽⁶⁾	2014	2015⁽⁷⁾	2016⁽⁸⁾
Energy Efficiency Budget (\$Million) ⁽¹⁾	\$23.1	\$22.6	\$23.1	\$22.4	\$22.5	\$21.0	\$32.4	\$37.6	\$59.2	\$61.4	\$77.5	\$87.0	\$86.6	\$87.5
Spending Budget (\$Million) ⁽²⁾	\$16.3	\$15.8	\$17.6	\$16.5	\$16.4	\$14.7	\$23.5	\$28.8	\$45.3	\$55.3	\$64.8	\$80.6	\$77.4	\$77.6
Actual Expenditures (\$Million) ⁽³⁾	\$22.8	\$19.5	\$23.4	\$23.7	\$21.9	\$19.2	\$31.7	\$29.7	\$40.0	\$50.7	\$72.9	\$85.3	-	-
Incentive Percentage	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	5.0%	5.0%	5.0%	5.0%
Target Incentive ⁽⁹⁾	\$712,557	\$781,959	\$774,689	\$726,627	\$723,000	\$647,689	\$1,035,943	\$1,267,043	\$1,992,513	\$2,434,131	\$3,240,747	\$4,032,000	\$3,867,400	\$3,878,087
Earned Incentive	\$712,557	\$604,876	\$795,648	\$760,623	\$716,075	\$675,282	\$1,085,888	\$1,333,996	\$1,929,273	\$2,469,411	\$2,997,681	\$4,223,321	-	-
System Benefits Charge (\$/kWh) ⁽⁹⁾	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00320	\$0.00320	\$0.00526	\$0.00592	\$0.00876	\$0.00911	\$0.00953	\$0.01077
Annual Cost to 500 kWh/month Residential Customer w/o tax ⁽¹⁰⁾	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$19.20	\$19.20	\$31.56	\$35.52	\$52.56	\$54.66	\$57.18	\$64.62
Annual Cost to 500 kWh/month Residential Customer w/ tax ⁽¹¹⁾	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$20.00	\$20.00	\$32.88	\$37.00	\$54.75	\$56.94	\$59.56	\$67.31

Gas⁴	2003	2004	2005	2006	2007⁽⁴⁾	2008	2009	2010	2011⁽⁵⁾	2012	2013⁽⁶⁾	2014	2015⁽⁷⁾	2016⁽⁸⁾
Energy Efficiency Budget (\$Million) ⁽¹⁾	-	-	-	-	-	\$7.3	\$7.6	\$4.8	\$7.3	\$13.7	\$19.5	\$23.5	\$24.6	\$27.7
Spending Budget (\$Million) ⁽²⁾	-	-	-	-	-	\$6.6	\$6.1	\$4.5	\$6.2	\$12.9	\$17.9	\$21.8	\$22.4	\$25.0
Actual Expenditures (\$Million) ⁽³⁾	-	-	-	-	-	\$7.4	\$6.3	\$5.5	\$4.9	\$13.3	\$19.6	\$21.5	-	-
Incentive Percentage	-	-	-	-	-	4.4%	4.4%	4.4%	4.4%	4.4%	5.0%	5.0%	5.0%	5.0%
Target Incentive	-	-	-	-	-	\$288,734	\$266,980	\$199,743	\$274,460	\$570,382	\$898,285	\$1,089,700	\$1,119,800	\$1,251,654
Earned Incentive	-	-	-	-	-	\$288,734	\$262,121	\$231,310	\$239,863	\$586,036	\$968,229	\$1,362,108	-	-
System Benefits Charge (\$/therm) - all non-exempt customers ⁽¹²⁾	-	-	-	-	\$0.0071	\$0.0107	\$0.0150	\$0.0150	\$0.0411	\$0.0384	\$0.0417	-	-	-
Residential System Benefits Chare (\$/therm)	-	-	-	-	-	-	-	-	-	-	-	\$0.0600	\$0.0781	\$0.0748
C&I System Benefits Charge (\$/therm)	-	-	-	-	-	-	-	-	-	-	-	\$0.0492	\$0.0637	\$0.0487
Annual Cost to 846 Therm/year Residential Customer w/o tax ⁽¹⁰⁾	-	-	-	-	\$6.04	\$9.05	\$12.69	\$12.69	\$18.28	\$32.49	\$35.28	\$50.76	\$66.07	\$63.28
Annual Cost to 846 Therm/year Residential Customer w/tax ⁽¹¹⁾	-	-	-	-	\$6.23	\$9.33	\$13.08	\$13.08	\$18.85	\$33.49	\$36.37	\$52.33	\$68.11	\$65.24

Notes:

- (1) Energy Efficiency Budget includes total expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
- (2) Spending Budget includes Implementation and Evaluation Expenses; excludes EERMC Costs, Commitments and Copays and Outside Finance Costs.
- (3) Actual Expenditures is actual spend during calendar year. Includes expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
- (4) Gas programs began during July 2007 and were not reported on separately that year since programs were still in development. The 2007 gas programs are included in 2008 reporting. Systems Benefit Charge shown for 2007 is the weighted average of \$0.063 per decatherm from January 1, 2007 - June 30, 2007 and \$0.107 per decatherm from July 1, 2007 through December 31, 2008.
- (5) On July 25, 2011 the Commission ordered that National Grid could increase the gas System Benefits Charge from \$0.15 to \$0.411 per decatherm for the period of August 1, 2011 through December 31, 2011. Annual cost represents 7 months usage (632 therms) at \$0.015 per therm and 5 months usage (214 therms) at \$0.0411 per therm.
- (6) In the Company's gas and electric rate cases in docket 4323, the PUC approved the uncollectibles gross-up in the electric EE Program Charge effective February 1, 2013, and a new rate applicable to the gross-up of the gas EE Program Charge, effective February 1, 2013.
- (7) 2015 values are planned.
- (8) 2016 values are preliminary.
- (9) Beginning in 2012, the EE Program Charge includes the System Reliability Factor. It does not include the \$0.0003 renewables per RI General Laws §39-2-1.2 and Order #19608, which appears on customer bills and is illustrated in rate impacts in Attachment COMM 2-10.
- (10) Reflects the annual cost excluding Gross Earnings Tax.
- (11) Reflects the annual cost including Gross Earnings Tax.
- (12) The Gas EE Program Charge was uniform for all customers until 2014, at which time the Company proposed and the PUC approved individual factors for the residential and C&I sectors.

COMM 2-8

Request:

Grid's filing on Bates stamp page 6 contains Table 2 which compares 2016 proposed to 2016 in the 3 year plan. For each line in the chart where 2016 proposed varies from 2016 in the 3 year plan by more than 5%, please provide an explanation.

Response:

The Three-Year Plan included an illustration of costs, savings, and benefits based on the best information available at that time. That information has changed based on new studies, changes in costs and services, and changes in programmatic design.

Table 2 is illustrated below with a new column labeled "% Change." If a line has a +/- 5% change, an explanation is included below.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4580
In Re: 2016 Energy Efficiency Program Plan
Responses to Commission's Second Set of Data Requests
Issued on November 5, 2015

COMM 2-8, page 2

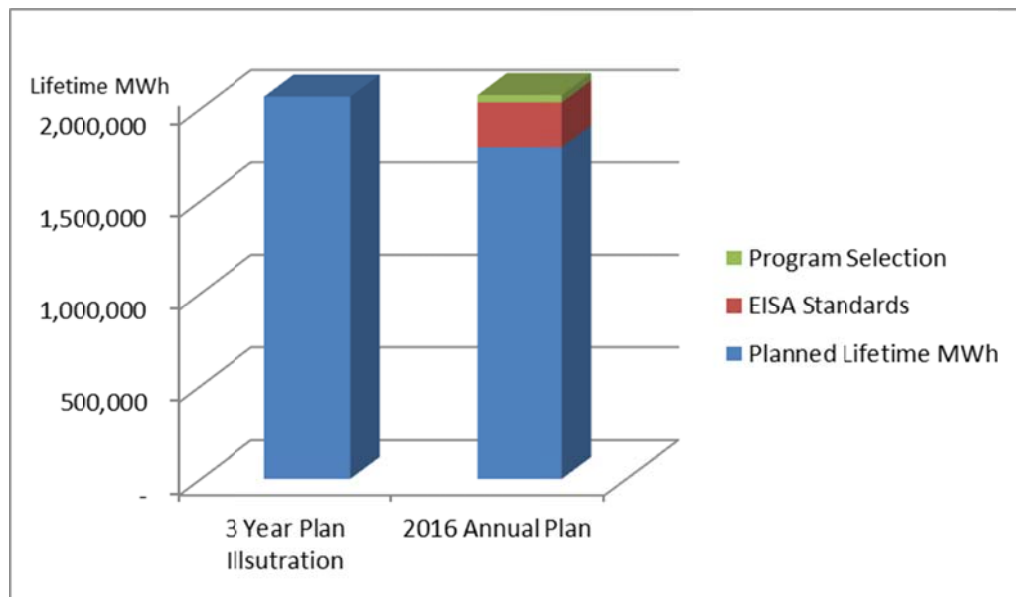
Electric Programs	2016 3 Year Plan	2016 Annual Plan	% Change
Annual MWh Savings	197,475	199,760	1%
Lifetime MWh Savings	2,064,074	1,792,431	-15%
Annual Peak kW Savings	32,209	29,545	-9%
Total Benefits	\$ 303,660,783	\$ 200,563,374	-51%
Total Spending	\$ 86,052,775	\$ 87,467,507	2%
Benefit Cost Ratio	2.82	1.77	-59%
TRC Dollars per lifetime kWh	\$ 0.052	\$ 0.061	14%
EE Program Charge per kWh	\$ 0.00997	\$ 0.01077	7%
Gas Programs	2016 3 Year Plan	2016 Annual Plan	% Change
Annual MMBtu Savings	395,760	395,760	0%
Lifetime MMBtu Savings	4,302,219	4,935,572	13%
TRC \$/Lifetime MMBtu	\$ 7.228	\$ 6.662	-8%
Total Benefits	\$ 64,517,962	\$ 55,563,797	-16%
Total Spending*	\$ 25,778,730	\$ 27,680,221	7%
Benefit Cost Ratio	2.07	1.63	-27%
C&I EE Program Charge per Dth	\$ 0.595	\$ 0.487	-22%
Residential EE Program Charge per Dth	\$ 0.726	\$ 0.748	3%

COMM 2-8, page 3

Electric Programs

- Lifetime MWh Savings are lower for two primary reasons. As stated on pages 6-7 of the main text in the 2016 Plan:
“The lifetime MWh is lower primarily due to improved lighting standards in the lighting market from the Energy Independence and Security Act (EISA). For example, as lighting standards increase due to EISA, fewer incandescent bulbs will be readily available. Therefore, regional energy efficiency programs will no longer claim savings relative to those incandescent bulbs. Additionally, lifetime MWh savings are lower due National's Grid programmatic choices, whereby more savings are projected to occur in the Residential sector than predicted in the three-year Illustration. National Grid proposed the increase in the residential sector savings because of high customer demand, successful residential services, and to lower implementation costs in 2016. Notably, these costs were lower than they would have otherwise been. The following graph illustrates the differences in lifetime energy savings between the three-year Plan illustration and the 2016 Annual Plan.”

Graph 3: Lifetime Savings in the 3 Year Illustration and 2016 Annual Plan



COMM 2-8, page 4

- Annual Peak kW Savings are lower for similar reasons as the lifetime MWh savings described above: programmatic choices and changes in lighting standards. The Company is planning to deliver more savings from the residential sector for the reasons stated above. The residential sector's measure mix typically offers fewer Summer kW per Annual kWh than the C&I sector. This accounts for the majority of the kW. The Company is also claiming fewer kW for several measures than when the 3 Year Plan illustrations were developed.
- Benefits are lower for three reasons included in the main text on page 7 of the Plan:
 - "Total Benefits for both the electric and gas programs are projected to be lower than the three-year Illustration. This is primarily due to notable changes in the 2015 Avoided Energy Supply Component study. The study forecasted less Demand Reduction Induced Price Effects (DRIPE) than in the previous study due to the fact that the ISO-NE market has reached equilibrium. The second major change was that the study found a lower cost for gas, which affects the avoided costs of both gas and electricity. This is due to the fact that the commodity price of gas decreased due to increased supply being extracted from the Marcellus shale region. Lastly, the Company is assuming that a lower percentage of the distribution investments associated with load growth can be deferrable through energy efficiency."
- Benefit Cost Ratio is lower because benefits are lower, as described above, and because costs are higher by \$1.4 million due to the RI Infrastructure Bank (RIIB).
- TRC Dollars per lifetime kWh are higher because lifetime MWh are lower, as described above, and because costs are higher by \$1.4 million due to RIIB.
- The EE Program Charge per kWh is higher due to lower actual sales compared to the sales projections included in Table E-1 in the 2014 and 2015 Annual Plans. Since the EE Program Charge is collected on each kWh sold, the Company did not collect enough funds to cover EE expenses in 2014 and is projecting that it will not collect enough in 2015. The under collection resulted in a negative fund balance, which results in a higher charge because the Company needs to reconcile for the deficit. The latest electric sales projection included in the 2016 Plan is also lower than the projection included in the 3 Year Plan and that increases the charge because there are fewer kWhs among which to spread the charge.

COMM 2-8, page 5

Gas Programs

- Lifetime MMBtu is higher because the 2016 measure mix is different compared to the assumptions used in the 3 year illustration. In 2016, the Company is planning for more savings from the EnergyWise and Single Family Income Eligible Services programs and fewer savings from the Energy Star® HVAC program than were assumed in the 3 year plan illustration. The measure life from the measure mix within EnergyWise and Single Family Income Eligible is higher than Energy Star® HVAC, and that increases the overall lifetime MMBtu.
- TRC \$/Lifetime is lower due to increased lifetime MMBtu savings, as described above.
- Benefits are lower for the same reasons described in the Electric Programs above.
- Spending is increased compared to the 3 year illustration because:
 - Costs and savings in the Energy Star® HVAC program have changed since the 3 year assumptions due to changes in evaluation, incentives, and cost-effectiveness. Therefore, the Company plans to deliver more savings from EnergyWise and Single Family income Eligible programs and those programs cost more relative to previous assumptions for Energy Star® HVAC.
 - Costs are higher for Residential New Construction because the 3 Year illustration did not include water heating equipment incentives.
 - Costs are higher EnergyWise Multi Family compared to the 3 year illustration because there are higher costs associated with encouraging more condos to participate
 - Costs are higher because the Company is remitting \$429k to the RIIB.
- Benefit Cost Ratio is lower primarily due to fewer benefits and increased costs, as described above.
- C&I EE Program Charge is lower due to higher than anticipated sales in 2015 due to the cold winter.

COMM 2-9

Request:

Grid proposes to collect \$1.8 million to fund the RI Infrastructure bank (\$1.4 million electric and \$0.4 million gas). How were these amounts calculated?

Response:

As stated in Attachment 2, page 15, R.I. Gen. Laws § 39-2-1.2(m) states that the Company will remit 2% of the 2014 electric and gas demand side charge collections to the RIIB in accordance with R.I. Gen. Laws § 46-12.2-14.1. The electric remittance is equal to \$1,441,475, and the gas remittance is equal to \$428,972. The remittances are equal to 2% of revenues reported in the 2014 RI Year-End report in Docket 4451, Attachment 1 Table E-5, and Attachment 2, Table G-5.

COMM 2-10

Request:

Please provide the customer bill impacts of proposed changes in the gas and electric system benefit charges. Also, for each customer presented in the response, please provide the total cost of the energy efficiency charge for that particular customer's level of consumption.

Response:

Please see Attachment COMM 2-10 for the bill impacts resulting from the proposed changes in the gas and electric system benefit charges and the total annual cost of the energy efficiency charges at the various consumption levels.

Residential Non-Heating:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:					Annual EE cost			
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(31)														
(32)														
(33)														
(34)														
(35)	140	\$328.83	\$329.30	(\$0.47)	-0.1%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.46)	\$0.00	(\$0.01)	\$10.47	\$10.93
(36)	155	\$345.85	\$346.36	(\$0.52)	-0.1%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.50)	\$0.00	(\$0.02)	\$11.60	\$12.10
(37)	171	\$364.05	\$364.64	(\$0.59)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.57)	\$0.00	(\$0.02)	\$12.80	\$13.37
(38)	184	\$378.78	\$379.37	(\$0.60)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.58)	\$0.00	(\$0.02)	\$13.76	\$14.34
(39)	198	\$394.69	\$395.35	(\$0.66)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.64)	\$0.00	(\$0.02)	\$14.81	\$15.45
(40)	214	\$412.48	\$413.20	(\$0.72)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.70)	\$0.00	(\$0.02)	\$15.98	\$16.68
(41)	228	\$428.75	\$429.51	(\$0.75)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.73)	\$0.00	(\$0.02)	\$17.07	\$17.80
(42)	244	\$446.91	\$447.75	(\$0.85)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.82)	\$0.00	(\$0.03)	\$18.25	\$19.07
(43)	258	\$462.85	\$463.74	(\$0.89)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.86)	\$0.00	(\$0.03)	\$19.30	\$20.16
(44)	275	\$482.15	\$483.05	(\$0.90)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.87)	\$0.00	(\$0.03)	\$20.59	\$21.46
(45)	288	\$496.89	\$497.87	(\$0.98)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.95)	\$0.00	(\$0.03)	\$21.55	\$22.50

Residential Non-Heating Low Income:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:					Annual EE cost			
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(46)														
(47)														
(48)														
(49)														
(50)	140	\$306.41	\$306.88	(\$0.47)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.46)	\$0.00	(\$0.01)	\$10.47	\$10.93
(51)	155	\$322.75	\$323.27	(\$0.52)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.50)	\$0.00	(\$0.02)	\$11.60	\$12.10
(52)	171	\$340.23	\$340.82	(\$0.59)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.57)	\$0.00	(\$0.02)	\$12.80	\$13.37
(53)	184	\$354.37	\$354.96	(\$0.60)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.58)	\$0.00	(\$0.02)	\$13.76	\$14.34
(54)	198	\$369.65	\$370.31	(\$0.66)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.64)	\$0.00	(\$0.02)	\$14.81	\$15.45
(55)	214	\$386.73	\$387.45	(\$0.72)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.70)	\$0.00	(\$0.02)	\$15.98	\$16.68
(56)	228	\$402.35	\$403.10	(\$0.75)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.73)	\$0.00	(\$0.02)	\$17.07	\$17.80
(57)	244	\$419.78	\$420.63	(\$0.85)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.82)	\$0.00	(\$0.03)	\$18.25	\$19.07
(58)	258	\$435.10	\$435.98	(\$0.89)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.86)	\$0.00	(\$0.03)	\$19.30	\$20.16
(59)	275	\$453.62	\$454.52	(\$0.90)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.87)	\$0.00	(\$0.03)	\$20.59	\$21.46
(60)	288	\$467.78	\$468.76	(\$0.98)	-0.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.95)	\$0.00	(\$0.03)	\$21.55	\$22.50

Note: Current rates effective November 1, 2015 as approved in Docket No. 4573 (Distribution Adjustment Clause) and Docket No. 4576 (Gas Cost Recovery).

C & I Small:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				Annual EE cost				
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(61)														
(62)														
(63)														
(64)														
(65)	880	\$1,291.88	\$1,305.48	(\$13.60)	-1.0%	\$0.00	\$0.00	\$0.00	\$0.00	(\$13.19)	\$0.00	(\$0.41)	\$42.86	\$56.05
(66)	973	\$1,384.87	\$1,399.90	(\$15.03)	-1.1%	\$0.00	\$0.00	\$0.00	\$0.00	(\$14.58)	\$0.00	(\$0.45)	\$47.39	\$61.97
(67)	1,067	\$1,478.06	\$1,494.58	(\$16.52)	-1.1%	\$0.00	\$0.00	\$0.00	\$0.00	(\$16.02)	\$0.00	(\$0.50)	\$51.95	\$67.97
(68)	1,162	\$1,569.90	\$1,587.89	(\$17.99)	-1.1%	\$0.00	\$0.00	\$0.00	\$0.00	(\$17.45)	\$0.00	(\$0.54)	\$56.59	\$74.04
(69)	1,258	\$1,656.95	\$1,676.42	(\$19.47)	-1.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$18.89)	\$0.00	(\$0.58)	\$61.26	\$80.15
(70)	1,352	\$1,741.12	\$1,762.02	(\$20.90)	-1.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$20.27)	\$0.00	(\$0.63)	\$65.84	\$86.11
(71)	1,446	\$1,826.03	\$1,848.39	(\$22.36)	-1.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$21.69)	\$0.00	(\$0.67)	\$70.43	\$92.12
(72)	1,542	\$1,912.09	\$1,935.92	(\$23.84)	-1.2%	\$0.00	\$0.00	\$0.00	\$0.00	(\$23.12)	\$0.00	(\$0.72)	\$75.09	\$98.21
(73)	1,635	\$1,995.56	\$2,020.85	(\$25.29)	-1.3%	\$0.00	\$0.00	\$0.00	\$0.00	(\$24.53)	\$0.00	(\$0.76)	\$79.63	\$104.16
(74)	1,730	\$2,079.80	\$2,106.56	(\$26.75)	-1.3%	\$0.00	\$0.00	\$0.00	\$0.00	(\$25.95)	\$0.00	(\$0.80)	\$84.25	\$110.20
(75)	1,825	\$2,164.03	\$2,192.26	(\$28.23)	-1.3%	\$0.00	\$0.00	\$0.00	\$0.00	(\$27.38)	\$0.00	(\$0.85)	\$88.87	\$116.25

C & I Medium:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:					Annual EE cost			
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(76)														
(77)														
(78)														
(79)														
(80)	7,941	\$8,088.77	\$8,211.49	(\$122.79)	-1.5%	\$0.00	\$0.00	\$0.00	\$0.00	(\$119.11)	\$0.00	(\$3.68)	\$386.72	\$505.83
(81)	8,796	\$8,865.77	\$9,001.78	(\$136.01)	-1.5%	\$0.00	\$0.00	\$0.00	\$0.00	(\$131.93)	\$0.00	(\$4.08)	\$428.37	\$560.30
(82)	9,650	\$9,641.40	\$9,790.62	(\$149.22)	-1.5%	\$0.00	\$0.00	\$0.00	\$0.00	(\$144.74)	\$0.00	(\$4.48)	\$469.95	\$614.69
(83)	10,505	\$10,418.51	\$10,580.92	(\$162.41)	-1.5%	\$0.00	\$0.00	\$0.00	\$0.00	(\$157.54)	\$0.00	(\$4.87)	\$511.62	\$669.16
(84)	11,361	\$11,195.81	\$11,371.49	(\$175.68)	-1.5%	\$0.00	\$0.00	\$0.00	\$0.00	(\$170.41)	\$0.00	(\$5.27)	\$553.28	\$723.69
(85)	12,217	\$11,973.36	\$12,162.27	(\$188.92)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$183.25)	\$0.00	(\$5.67)	\$594.97	\$778.22
(86)	13,073	\$12,750.92	\$12,953.08	(\$202.16)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$196.10)	\$0.00	(\$6.06)	\$636.64	\$832.74
(87)	13,928	\$13,527.44	\$13,742.81	(\$215.37)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$208.91)	\$0.00	(\$6.46)	\$678.28	\$887.19
(88)	14,782	\$14,303.69	\$14,532.27	(\$228.59)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$221.73)	\$0.00	(\$6.86)	\$719.87	\$941.60
(89)	15,637	\$15,080.17	\$15,321.98	(\$241.80)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$234.55)	\$0.00	(\$7.25)	\$761.51	\$996.06
(90)	16,492	\$15,857.27	\$16,112.30	(\$255.03)	-1.6%	\$0.00	\$0.00	\$0.00	\$0.00	(\$247.38)	\$0.00	(\$7.65)	\$803.16	\$1,050.54

Note: Current rates effective November 1, 2015 as approved in Docket No. 4573 (Distribution Adjustment Clause) and Docket No. 4576 (Gas Cost Recovery).

GAS

	C & I ILLF Large:	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:					Annual EE cost			
							GCR	DAC		ISR	EE	LIHEAP	GET	Proposed	Current
								Base DAC							
(91)															
(92)		41,066	\$40,853.28	\$41,488.29	(\$635.01)	-1.5%	\$0.00	\$0.00	\$0.00	(\$615.96)	\$0.00		(\$19.05)	\$1,999.94	\$2,615.90
(93)		45,488	\$45,018.23	\$45,721.64	(\$703.41)	-1.5%	\$0.00	\$0.00	\$0.00	(\$682.31)	\$0.00		(\$21.10)	\$2,215.26	\$2,897.57
(94)		49,910	\$49,183.29	\$49,955.08	(\$771.79)	-1.5%	\$0.00	\$0.00	\$0.00	(\$748.64)	\$0.00		(\$23.15)	\$2,430.62	\$3,179.26
(95)		54,334	\$53,349.93	\$54,190.14	(\$840.22)	-1.6%	\$0.00	\$0.00	\$0.00	(\$815.01)	\$0.00		(\$25.21)	\$2,646.07	\$3,461.08
(96)		58,757	\$57,515.77	\$58,424.37	(\$908.60)	-1.6%	\$0.00	\$0.00	\$0.00	(\$881.34)	\$0.00		(\$27.26)	\$2,861.47	\$3,742.81
(97)		63,179	\$61,680.94	\$62,657.93	(\$976.99)	-1.6%	\$0.00	\$0.00	\$0.00	(\$947.68)	\$0.00		(\$29.31)	\$3,076.83	\$4,024.51
(98)		67,600	\$65,844.97	\$66,890.35	(\$1,045.37)	-1.6%	\$0.00	\$0.00	\$0.00	(\$1,014.01)	\$0.00		(\$31.36)	\$3,292.12	\$4,306.13
(99)		72,023	\$70,010.82	\$71,124.57	(\$1,113.75)	-1.6%	\$0.00	\$0.00	\$0.00	(\$1,080.34)	\$0.00		(\$33.41)	\$3,507.53	\$4,587.87
(100)		76,447	\$74,178.05	\$75,360.22	(\$1,182.16)	-1.6%	\$0.00	\$0.00	\$0.00	(\$1,146.70)	\$0.00		(\$35.46)	\$3,722.97	\$4,869.67
(101)		80,870	\$78,343.90	\$79,594.45	(\$1,250.56)	-1.6%	\$0.00	\$0.00	\$0.00	(\$1,213.04)	\$0.00		(\$37.52)	\$3,938.38	\$5,151.42
(102)		85,292	\$82,508.91	\$83,827.87	(\$1,318.96)	-1.6%	\$0.00	\$0.00	\$0.00	(\$1,279.39)	\$0.00		(\$39.57)	\$4,153.71	\$5,433.10

(106)	C & I ILLF Large:	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:					Annual EE cost			
							GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(107)		50,411	\$43,834.33	\$44,613.91	(\$779.58)	-1.7%	\$0.00	\$0.00	\$0.00	\$0.00	(\$756.19)	\$0.00	(\$23.39)	\$2,455.01	\$3,211.20
(108)		55,841	\$48,321.76	\$49,185.26	(\$863.51)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$837.60)	\$0.00	(\$25.91)	\$2,719.47	\$3,557.07
(109)		61,273	\$52,810.62	\$53,758.12	(\$947.51)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$919.08)	\$0.00	(\$28.43)	\$2,984.00	\$3,903.08
(110)		66,699	\$57,295.11	\$58,326.55	(\$1,031.44)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,000.50)	\$0.00	(\$30.94)	\$3,248.23	\$4,248.73
(111)		72,129	\$61,782.50	\$62,897.91	(\$1,115.41)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,081.95)	\$0.00	(\$33.46)	\$3,512.67	\$4,594.62
(112)		77,558	\$66,269.15	\$67,468.52	(\$1,199.37)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,163.39)	\$0.00	(\$35.98)	\$3,777.10	\$4,940.49
(113)		82,989	\$70,756.56	\$72,039.89	(\$1,283.33)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,244.83)	\$0.00	(\$38.50)	\$4,041.55	\$5,286.38
(114)		88,416	\$75,241.78	\$76,609.05	(\$1,367.27)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,326.25)	\$0.00	(\$41.02)	\$4,305.87	\$5,632.12
(115)		93,847	\$79,729.93	\$81,181.16	(\$1,451.24)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,407.70)	\$0.00	(\$43.54)	\$4,570.35	\$5,978.05
(116)		99,275	\$84,215.86	\$85,751.05	(\$1,535.19)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,489.13)	\$0.00	(\$46.06)	\$4,834.70	\$6,323.83
(117)		104,705	\$88,703.24	\$90,322.40	(\$1,619.16)	-1.8%	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,570.59)	\$0.00	(\$48.57)	\$5,099.11	\$6,669.70

Note: Current rates effective November 1, 2015 as approved in Docket No. 4573 (Distribution Adjustment Clause) and Docket No. 4576 (Gas Cost Recovery).

GAS

	Difference due to:										Annual EE cost			
	Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Proposed	Current
(121)														
(122)														
(123)														
(124)														
(125)	174,357	\$137,935.63	\$140,631.88	(\$2,696.25)	-1.9%	\$0.00	\$0.00	\$0.00	(\$2,615.36)	\$0.00	(\$80.89)	\$8,491.20	\$11,106.56	
(126)	193,136	\$152,224.26	\$155,210.89	(\$2,986.63)	-1.9%	\$0.00	\$0.00	\$0.00	(\$2,897.03)	\$0.00	(\$89.60)	\$9,405.74	\$12,302.77	
(127)	211,912	\$166,510.87	\$169,787.86	(\$3,276.99)	-1.9%	\$0.00	\$0.00	\$0.00	(\$3,178.68)	\$0.00	(\$98.31)	\$10,320.11	\$13,498.79	
(128)	230,688	\$180,798.11	\$184,365.45	(\$3,567.34)	-1.9%	\$0.00	\$0.00	\$0.00	(\$3,460.32)	\$0.00	(\$107.02)	\$11,234.51	\$14,694.83	
(129)	249,466	\$195,086.10	\$198,943.83	(\$3,857.73)	-1.9%	\$0.00	\$0.00	\$0.00	(\$3,742.00)	\$0.00	(\$115.73)	\$12,149.00	\$15,891.00	
(130)	268,243	\$209,373.28	\$213,521.39	(\$4,148.10)	-1.9%	\$0.00	\$0.00	\$0.00	(\$4,023.66)	\$0.00	(\$124.44)	\$13,063.41	\$17,087.07	
(131)	287,018	\$223,659.38	\$228,097.81	(\$4,438.43)	-1.9%	\$0.00	\$0.00	\$0.00	(\$4,305.28)	\$0.00	(\$133.15)	\$13,977.77	\$18,283.05	
(132)	305,796	\$237,948.00	\$242,676.82	(\$4,728.82)	-1.9%	\$0.00	\$0.00	\$0.00	(\$4,586.96)	\$0.00	(\$141.86)	\$14,892.27	\$19,479.23	
(133)	324,573	\$252,235.28	\$257,254.47	(\$5,019.20)	-2.0%	\$0.00	\$0.00	\$0.00	(\$4,868.62)	\$0.00	(\$150.58)	\$15,806.69	\$20,675.31	
(134)	343,350	\$266,522.52	\$271,832.08	(\$5,309.56)	-2.0%	\$0.00	\$0.00	\$0.00	(\$5,150.27)	\$0.00	(\$159.29)	\$16,721.13	\$21,871.40	
(135)	362,127	\$280,809.91	\$286,409.80	(\$5,599.90)	-2.0%	\$0.00	\$0.00	\$0.00	(\$5,431.90)	\$0.00	(\$168.00)	\$17,635.60	\$23,067.50	

	Consumption (Therms)	Difference due to:										Annual EE cost		
		Annual	Proposed	Current	Difference	% Chg	GCR			EE	LIHEAP	GET	Proposed	Current
							Base	DAC	ISR					
(136)														
(137)														
(138)														
(139)														
(140)	447,421	\$321,890.48	\$328,809.37	(\$6,918.89)	-2.1%	\$0.00	\$0.00	\$0.00	(\$6,711.32)	\$0.00	(\$207.57)	\$21,789.40	\$28,500.72	
(141)	495,605	\$355,988.23	\$363,652.22	(\$7,663.99)	-2.1%	\$0.00	\$0.00	\$0.00	(\$7,434.07)	\$0.00	(\$229.92)	\$24,135.97	\$31,570.04	
(142)	543,789	\$390,086.84	\$398,495.93	(\$8,409.09)	-2.1%	\$0.00	\$0.00	\$0.00	(\$8,156.82)	\$0.00	(\$252.97)	\$26,482.54	\$34,639.36	
(143)	591,972	\$424,183.90	\$433,338.10	(\$9,154.20)	-2.1%	\$0.00	\$0.00	\$0.00	(\$8,879.57)	\$0.00	(\$274.63)	\$28,829.04	\$37,708.61	
(144)	640,155	\$458,281.05	\$468,180.35	(\$9,899.30)	-2.1%	\$0.00	\$0.00	\$0.00	(\$9,602.32)	\$0.00	(\$296.98)	\$31,175.56	\$40,777.88	
(145)	688,340	\$492,379.93	\$503,024.35	(\$10,644.42)	-2.1%	\$0.00	\$0.00	\$0.00	(\$10,325.09)	\$0.00	(\$319.33)	\$33,522.17	\$43,847.26	
(146)	736,523	\$526,477.34	\$537,866.87	(\$11,389.53)	-2.1%	\$0.00	\$0.00	\$0.00	(\$11,047.84)	\$0.00	(\$341.69)	\$35,868.68	\$46,916.52	
(147)	784,708	\$560,575.76	\$572,710.43	(\$12,134.67)	-2.1%	\$0.00	\$0.00	\$0.00	(\$11,770.63)	\$0.00	(\$364.04)	\$38,215.27	\$49,985.90	
(148)	832,891	\$594,673.65	\$607,553.43	(\$12,879.78)	-2.1%	\$0.00	\$0.00	\$0.00	(\$12,493.39)	\$0.00	(\$386.39)	\$40,561.78	\$53,055.17	
(149)	881,074	\$628,770.83	\$642,395.68	(\$13,624.86)	-2.1%	\$0.00	\$0.00	\$0.00	(\$13,216.11)	\$0.00	(\$408.75)	\$42,908.30	\$56,124.41	
(150)	929,259	\$662,869.98	\$677,239.98	(\$14,370.00)	-2.1%	\$0.00	\$0.00	\$0.00	(\$13,938.90)	\$0.00	(\$431.10)	\$45,254.90	\$59,193.80	

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total	
150	\$34.17	\$16.26	\$1.54	\$16.37	\$34.36	\$16.26	\$1.73	\$16.37	\$0.19	0.6%	13.7%
300	\$62.18	\$32.52	\$3.07	\$26.59	\$62.57	\$32.52	\$3.46	\$26.59	\$0.39	0.6%	17.5%
400	\$80.86	\$43.35	\$4.10	\$33.41	\$81.37	\$43.35	\$4.61	\$33.41	\$0.51	0.6%	11.8%
500	\$99.53	\$54.19	\$5.12	\$40.22	\$100.18	\$54.19	\$5.77	\$40.22	\$0.65	0.7%	10.8%
600	\$118.21	\$65.03	\$6.14	\$47.04	\$118.99	\$65.03	\$6.92	\$47.04	\$0.78	0.7%	9.4%
700	\$136.90	\$75.87	\$7.17	\$53.86	\$137.80	\$75.87	\$8.07	\$53.86	\$0.90	0.7%	7.7%
1,200	\$230.28	\$130.06	\$12.29	\$87.93	\$231.83	\$130.06	\$13.84	\$87.93	\$1.55	0.7%	15.0%
2,000	\$379.71	\$216.77	\$20.48	\$142.46	\$382.29	\$216.77	\$23.06	\$142.46	\$2.58	0.7%	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 (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.10405

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 (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.10405

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$0.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$0.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total	
150	\$26.86	\$16.26	\$1.54	\$9.06	\$27.05	\$16.26	\$1.73	\$9.06	\$0.19	0.7%	10.7%
300	\$52.77	\$32.52	\$3.07	\$17.18	\$53.16	\$32.52	\$3.46	\$17.18	\$0.39	0.7%	23.2%
400	\$70.04	\$43.35	\$4.10	\$22.59	\$70.55	\$43.35	\$4.61	\$22.59	\$0.51	0.7%	14.9%
500	\$87.31	\$54.19	\$5.12	\$28.00	\$87.96	\$54.19	\$5.77	\$28.00	\$0.65	0.7%	12.2%
600	\$104.58	\$65.03	\$6.14	\$33.41	\$105.36	\$65.03	\$6.92	\$33.41	\$0.78	0.7%	9.6%
700	\$121.87	\$75.87	\$7.17	\$38.83	\$122.77	\$75.87	\$8.07	\$38.83	\$0.90	0.7%	7.3%
1,200	\$208.24	\$130.06	\$12.29	\$65.89	\$209.79	\$130.06	\$13.84	\$65.89	\$1.55	0.7%	12.3%
2,000	\$346.44	\$216.77	\$20.48	\$109.19	\$349.02	\$216.77	\$23.06	\$109.19	\$2.58	0.7%	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 (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.10405

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 (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.10405

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total	
250	\$52.68	\$23.40	\$2.56	\$26.72	\$53.00	\$23.40	\$2.88	\$26.72	\$0.32	0.6%	35.2%
500	\$93.92	\$46.80	\$5.12	\$42.00	\$94.57	\$46.80	\$5.77	\$42.00	\$0.65	0.7%	17.0%
1,000	\$176.38	\$93.59	\$10.24	\$72.55	\$177.67	\$93.59	\$11.53	\$72.55	\$1.29	0.7%	19.0%
1,500	\$258.85	\$140.39	\$15.36	\$103.10	\$260.79	\$140.39	\$17.30	\$103.10	\$1.94	0.7%	9.8%
2,000	\$341.33	\$187.19	\$20.48	\$133.66	\$343.91	\$187.19	\$23.06	\$133.66	\$2.58	0.8%	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 (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

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 (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

ELECTRIC

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
20	4,000	\$744.31	\$374.38	\$40.96	\$328.97	\$749.48	\$374.38	\$46.13	\$328.97	\$5.17	0.7%
50	10,000	\$1,726.56	\$935.94	\$102.40	\$688.22	\$1,739.47	\$935.94	\$115.31	\$688.22	\$12.91	0.7%
100	20,000	\$3,363.64	\$1,871.88	\$204.79	\$1,286.97	\$3,389.48	\$1,871.88	\$230.63	\$1,286.97	\$25.84	0.8%
150	30,000	\$5,000.72	\$2,807.81	\$307.19	\$1,885.72	\$5,039.47	\$2,807.81	\$345.94	\$1,885.72	\$38.75	0.8%

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	\$0.00698
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Proposed 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	\$0.00698
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
20	6,000	\$985.78	\$561.56	\$61.44	\$362.78	\$993.53	\$561.56	\$69.19	\$362.78	\$7.75	0.8%
50	15,000	\$2,330.25	\$1,403.91	\$153.59	\$772.75	\$2,349.63	\$1,403.91	\$172.97	\$772.75	\$19.38	0.8%
100	30,000	\$4,571.03	\$2,807.81	\$307.19	\$1,456.03	\$4,609.78	\$2,807.81	\$345.94	\$1,456.03	\$38.75	0.8%
150	45,000	\$6,811.81	\$4,211.72	\$460.78	\$2,139.31	\$6,869.94	\$4,211.72	\$518.91	\$2,139.31	\$58.13	0.9%

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	\$0.00698
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Proposed 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	\$0.00698
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
20	8,000	\$1,227.26	\$748.75	\$81.92	\$396.59	\$1,237.59	\$748.75	\$92.25	\$396.59	\$10.33	0.8%
50	20,000	\$2,933.95	\$1,871.88	\$204.79	\$857.28	\$2,959.79	\$1,871.88	\$230.63	\$857.28	\$25.84	0.9%
100	40,000	\$5,778.42	\$3,743.75	\$409.58	\$1,625.09	\$5,830.09	\$3,743.75	\$461.25	\$1,625.09	\$51.67	0.9%
150	60,000	\$8,622.92	\$5,615.63	\$614.38	\$2,392.91	\$8,700.42	\$5,615.63	\$691.88	\$2,392.91	\$77.50	0.9%

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	\$0.00698
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Proposed 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	\$0.00698
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
20	10,000	\$1,468.75	\$935.94	\$102.40	\$430.41	\$1,481.66	\$935.94	\$115.31	\$430.41	\$12.91	0.9%
50	25,000	\$3,537.64	\$2,339.84	\$255.99	\$941.81	\$3,569.93	\$2,339.84	\$288.28	\$941.81	\$32.29	0.9%
100	50,000	\$6,985.83	\$4,679.69	\$511.98	\$1,794.16	\$7,050.41	\$4,679.69	\$576.56	\$1,794.16	\$64.58	0.9%
150	75,000	\$10,434.00	\$7,019.53	\$767.97	\$2,646.50	\$10,530.87	\$7,019.53	\$864.84	\$2,646.50	\$96.87	0.9%

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	\$0.00698
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Proposed 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	\$0.00698
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
20	12,000	\$1,710.23	\$1,123.13	\$122.88	\$464.22	\$1,725.73	\$1,123.13	\$138.38	\$464.22	\$15.50	0.9%
50	30,000	\$4,141.34	\$2,807.81	\$307.19	\$1,026.34	\$4,180.09	\$2,807.81	\$345.94	\$1,026.34	\$38.75	0.9%
100	60,000	\$8,193.23	\$5,615.63	\$614.38	\$1,963.22	\$8,270.73	\$5,615.63	\$691.88	\$1,963.22	\$77.50	0.9%
150	90,000	\$12,245.09	\$8,423.44	\$921.56	\$2,900.09	\$12,361.34	\$8,423.44	\$1,037.81	\$2,900.09	\$116.25	0.9%

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	\$0.00698
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08985

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Proposed 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	\$0.00698
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08985

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

ELECTRIC

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
200	40,000	\$6,036.99	\$3,336.25	\$409.58	\$2,291.16	\$6,088.66	\$3,336.25	\$461.25	\$2,291.16	\$51.67	0.9%
750	150,000	\$22,571.37	\$12,510.94	\$1,535.94	\$8,524.49	\$22,765.12	\$12,510.94	\$1,729.69	\$8,524.49	\$193.75	0.9%
1,000	200,000	\$30,086.99	\$16,681.25	\$2,047.92	\$11,357.82	\$30,345.32	\$16,681.25	\$2,306.25	\$11,357.82	\$258.33	0.9%
1,500	300,000	\$45,118.25	\$25,021.88	\$3,071.88	\$17,024.49	\$45,505.75	\$25,021.88	\$3,459.38	\$17,024.49	\$387.50	0.9%
2,500	500,000	\$75,180.74	\$41,703.13	\$5,119.79	\$28,357.82	\$75,826.58	\$41,703.13	\$5,765.63	\$28,357.82	\$645.84	0.9%

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 (1)	kWh x	\$0.00729
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.08007

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Proposed 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 (2)	kWh x	\$0.00729
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

ELECTRIC

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
200	60,000	\$8,262.00	\$5,004.38	\$614.38	\$2,643.24	\$8,339.50	\$5,004.38	\$691.88	\$2,643.24	\$77.50	0.9%
750	225,000	\$30,915.12	\$18,766.41	\$2,303.91	\$9,844.80	\$31,205.74	\$18,766.41	\$2,594.53	\$9,844.80	\$290.62	0.9%
1,000	300,000	\$41,212.00	\$25,021.88	\$3,071.88	\$13,118.24	\$41,599.50	\$25,021.88	\$3,459.38	\$13,118.24	\$387.50	0.9%
1,500	450,000	\$61,805.73	\$37,532.81	\$4,607.81	\$19,665.11	\$62,386.98	\$37,532.81	\$5,189.06	\$19,665.11	\$581.25	0.9%
2,500	750,000	\$102,993.24	\$62,554.69	\$7,679.69	\$32,758.86	\$103,961.99	\$62,554.69	\$8,648.44	\$32,758.86	\$968.75	0.9%

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 (1)	kWh x	\$0.00729
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Proposed 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 (2)	kWh x	\$0.00729
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
200	80,000	\$10,486.99	\$6,672.50	\$819.17	\$2,995.32	\$10,590.32	\$6,672.50	\$922.50	\$2,995.32	\$103.33	1.0%
750	300,000	\$39,258.87	\$25,021.88	\$3,071.88	\$11,165.11	\$39,646.37	\$25,021.88	\$3,459.38	\$11,165.11	\$387.50	1.0%
1,000	400,000	\$52,336.99	\$33,362.50	\$4,095.83	\$14,878.66	\$52,853.66	\$33,362.50	\$4,612.50	\$14,878.66	\$516.67	1.0%
1,500	600,000	\$78,493.24	\$50,043.75	\$6,143.75	\$22,305.74	\$79,268.24	\$50,043.75	\$6,918.75	\$22,305.74	\$775.00	1.0%
2,500	1,000,000	\$130,805.74	\$83,406.25	\$10,239.58	\$37,159.91	\$132,097.41	\$83,406.25	\$11,531.25	\$37,159.91	\$1,291.67	1.0%

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 (1)	kWh x	\$0.00729
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Proposed 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 (2)	kWh x	\$0.00729
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
200	100,000	\$12,712.00	\$8,340.63	\$1,023.96	\$3,347.41	\$12,841.17	\$8,340.63	\$1,153.13	\$3,347.41	\$129.17	1.0%
750	375,000	\$47,602.61	\$31,277.34	\$3,839.84	\$12,485.43	\$48,086.99	\$31,277.34	\$4,324.22	\$12,485.43	\$484.38	1.0%
1,000	500,000	\$63,461.99	\$41,703.13	\$5,119.79	\$16,639.07	\$64,107.83	\$41,703.13	\$5,765.63	\$16,639.07	\$645.84	1.0%
1,500	750,000	\$95,180.74	\$62,554.69	\$7,679.69	\$24,946.36	\$96,149.49	\$62,554.69	\$8,648.44	\$24,946.36	\$968.75	1.0%
2,500	1,250,000	\$158,618.24	\$104,257.81	\$12,799.48	\$41,560.95	\$160,232.82	\$104,257.81	\$14,414.06	\$41,560.95	\$1,614.58	1.0%

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 (1)	kWh x	\$0.00729
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Proposed 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 (2)	kWh x	\$0.00729
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
200	120,000	\$14,936.99	\$10,008.75	\$1,228.75	\$3,699.49	\$15,092.76	\$10,008.75	\$1,383.75	\$3,700.26	\$155.77	1.0%
750	450,000	\$55,946.36	\$37,532.81	\$4,607.81	\$13,805.74	\$56,528.38	\$37,532.81	\$5,189.06	\$13,806.51	\$582.02	1.0%
1,000	600,000	\$74,586.99	\$50,043.75	\$6,143.75	\$18,399.49	\$75,362.76	\$50,043.75	\$6,918.75	\$18,400.26	\$775.77	1.0%
1,500	900,000	\$111,868.25	\$75,065.63	\$9,215.63	\$27,586.99	\$113,031.52	\$75,065.63	\$10,378.13	\$27,587.76	\$1,163.27	1.0%
2,500	1,500,000	\$186,430.75	\$125,109.38	\$15,359.38	\$45,961.99	\$188,369.02	\$125,109.38	\$17,296.88	\$45,962.76	\$1,938.27	1.0%

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 (1)	kWh x	\$0.00729
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Proposed 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 (2)	kWh x	\$0.00729
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
3,000	600,000	\$103,920.63	\$50,043.75	\$6,143.75	\$47,733.13	\$104,695.63	\$50,043.75	\$6,918.75	\$47,733.13	\$775.00	0.7%
5,000	1,000,000	\$161,153.96	\$83,406.25	\$10,239.58	\$67,508.13	\$162,445.63	\$83,406.25	\$11,531.25	\$67,508.13	\$1,291.67	0.8%
7,500	1,500,000	\$232,695.64	\$125,109.38	\$15,359.38	\$92,226.88	\$234,633.14	\$125,109.38	\$17,296.88	\$92,226.88	\$1,937.50	0.8%
10,000	2,000,000	\$304,237.30	\$166,812.50	\$20,479.17	\$116,945.63	\$306,820.63	\$166,812.50	\$23,062.50	\$116,945.63	\$2,583.33	0.8%
20,000	4,000,000	\$590,403.96	\$333,625.00	\$40,958.33	\$215,820.63	\$595,570.63	\$333,625.00	\$46,125.00	\$215,820.63	\$5,166.67	0.9%

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	\$0.00088
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Proposed 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	\$0.00088
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
3,000	900,000	\$136,283.14	\$75,065.63	\$9,215.63	\$52,001.88	\$137,445.64	\$75,065.63	\$10,378.13	\$52,001.88	\$1,162.50	0.9%
5,000	1,500,000	\$215,091.47	\$125,109.38	\$15,359.38	\$74,622.71	\$217,028.97	\$125,109.38	\$17,296.88	\$74,622.71	\$1,937.50	0.9%
7,500	2,250,000	\$313,601.87	\$187,664.06	\$23,039.06	\$102,898.75	\$316,508.12	\$187,664.06	\$25,945.31	\$102,898.75	\$2,906.25	0.9%
10,000	3,000,000	\$412,112.29	\$250,218.75	\$30,718.75	\$131,174.79	\$415,987.29	\$250,218.75	\$34,593.75	\$131,174.79	\$3,875.00	0.9%
20,000	6,000,000	\$806,153.96	\$500,437.50	\$61,437.50	\$244,278.96	\$813,903.96	\$500,437.50	\$69,187.50	\$244,278.96	\$7,750.00	1.0%

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	\$0.00088
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.08007

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Proposed 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	\$0.00088
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

ELECTRIC

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
3,000	1,200,000	\$168,645.63	\$100,087.50	\$12,287.50	\$56,270.63	\$170,195.63	\$100,087.50	\$13,837.50	\$56,270.63	\$1,550.00	0.9%
5,000	2,000,000	\$269,028.96	\$166,812.50	\$20,479.17	\$81,737.29	\$271,612.29	\$166,812.50	\$23,062.50	\$81,737.29	\$2,583.33	1.0%
7,500	3,000,000	\$394,508.13	\$250,218.75	\$30,718.75	\$113,570.63	\$398,383.13	\$250,218.75	\$34,593.75	\$113,570.63	\$3,875.00	1.0%
10,000	4,000,000	\$519,987.29	\$333,625.00	\$40,958.33	\$145,403.96	\$525,153.96	\$333,625.00	\$46,125.00	\$145,403.96	\$5,166.67	1.0%
20,000	8,000,000	\$1,021,903.96	\$667,250.00	\$81,916.67	\$272,737.29	\$1,032,237.29	\$667,250.00	\$92,250.00	\$272,737.29	\$10,333.33	1.0%

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	\$0.00088
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Proposed 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	\$0.00088
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
3,000	1,500,000	\$201,008.14	\$125,109.38	\$15,359.38	\$60,539.38	\$202,945.64	\$125,109.38	\$17,296.88	\$60,539.38	\$1,937.50	1.0%
5,000	2,500,000	\$322,966.47	\$208,515.63	\$25,598.96	\$88,851.88	\$326,195.64	\$208,515.63	\$28,828.13	\$88,851.88	\$3,229.17	1.0%
7,500	3,750,000	\$475,414.38	\$312,773.44	\$38,398.44	\$124,242.50	\$480,258.13	\$312,773.44	\$43,242.19	\$124,242.50	\$4,843.75	1.0%
10,000	5,000,000	\$627,862.30	\$417,031.25	\$51,197.92	\$159,633.13	\$634,320.63	\$417,031.25	\$57,656.25	\$159,633.13	\$6,458.33	1.0%
20,000	10,000,000	\$1,237,653.96	\$834,062.50	\$102,395.83	\$301,195.63	\$1,250,570.63	\$834,062.50	\$115,312.50	\$301,195.63	\$12,916.67	1.0%

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	\$0.00088
Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983
Renewable Energy Distribution Charge	kWh x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Proposed 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	\$0.00088
Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00232

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

ELECTRIC

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	Energy Efficiency	Other Delivery	Total	Standard Offer	Energy Efficiency	Other Delivery	Amount	% of Total
3,000	1,800,000	\$233,370.63	\$150,131.25	\$18,431.25	\$64,808.13	\$235,695.63	\$150,131.25	\$20,756.25	\$64,808.13	\$2,325.00	1.0%
5,000	3,000,000	\$376,903.96	\$250,218.75	\$30,718.75	\$95,966.46	\$380,778.96	\$250,218.75	\$34,593.75	\$95,966.46	\$3,875.00	1.0%
7,500	4,500,000	\$556,320.64	\$375,328.13	\$46,078.13	\$134,914.38	\$562,133.14	\$375,328.13	\$51,890.63	\$134,914.38	\$5,812.50	1.0%
10,000	6,000,000	\$735,737.29	\$500,437.50	\$61,437.50	\$173,862.29	\$743,487.29	\$500,437.50	\$69,187.50	\$173,862.29	\$7,750.00	1.1%
20,000	12,000,000	\$1,453,403.96	\$1,000,875.00	\$122,875.00	\$329,653.96	\$1,468,903.96	\$1,000,875.00	\$138,375.00	\$329,653.96	\$15,500.00	1.1%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
RE Growth Factor		\$347.07	RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73	LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22	Proposed Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01247	Transmission Energy Charge	kWh x	\$0.01247
Distribution Demand Charge	kW x	\$3.54	Distribution Demand Charge	kW x	\$3.54
Distribution Energy Charge	kWh x	\$0.00088	Distribution Energy Charge	kWh x	\$0.00088
Transition Energy Charge	kWh x	(\$0.00201)	Proposed Transition Energy Charge	kWh x	(\$0.00201)
Energy Efficiency Program Charge (1)	kWh x	\$0.00983	Energy Efficiency Program Charge (2)	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00232	Renewable Energy Distribution Charge	kW x	\$0.00232
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.08007	Standard Offer Charge	kWh x	\$0.08007

Note (1): includes the current Energy Efficiency Program Charge of 0.953¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09

Note (2): includes the proposed Energy Efficiency Program Charge of 1.077¢/kWh, plus \$.0003 renewables charge per RI General Laws §39-2-1.2 and Order #19608 dated 4/06/09