

May 11, 2016

BY HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: National Grid Electric Revenue Decoupling Mechanism Reconciliation Filing
Year Ending March 31, 2016
Docket No. 4617**

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed the Company's annual Revenue Decoupling Mechanism (RDM) reconciliation for the 12-month period ending March 31, 2016. The Company submits this filing pursuant to the Company's electric RDM Provision, RIPUC No. 2073, which the Rhode Island Public Utilities Commission approved in Docket No. 4206. Pursuant to the electric RDM Provision, the Company is required to submit its annual RDM reconciliation by May 15 of each year. The reconciliation compares the Annual Target Revenue to actual billed distribution revenue for the RDM year ending March 31, 2016.

This filing includes the testimony and schedules of Ms. Robin E. Pieri. In her testimony, Ms. Pieri describes the RDM Provision and the reconciliation. The RDM reconciliation amount for the 12-month period ending March 31, 2016 is an under-recovery of \$6,553,999, which results in an RDM Adjustment Factor that is a charge of \$0.00085 per kWh applicable to all customers, effective July 1, 2016. The impact of the proposed RDM adjustment factor on a typical residential customer using 500 kWhs per month is an decrease of \$0.03, or 0.0%, which represents an decrease from \$94.49 to \$94.46.

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

Very truly yours,



Raquel J. Webster

Enclosure

cc: Leo Wold, Esq.
Steve Scialabba, Division

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

The Narragansett Electric Company

2016 Electric Revenue Decoupling
Mechanism Reconciliation Filing

Consisting of the
Direct Testimony and Schedules of
Robin E. Pieri

May 2016

Submitted to:
Rhode Island Public Utilities Commission
R.I.P.U.C. Docket No. 4617

Submitted by:

nationalgrid

DIRECT TESTIMONY

OF

ROBIN E. PIERI

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1 **I. Introduction and Qualifications**

2 **Q. Please state your full name and business address.**

3 A. My name is Robin E. Pieri and my business address is 40 Sylvan Road, Waltham,
4 Massachusetts 02451.

5

6 **Q. By whom are you employed and in what capacity?**

7 A. I am a Senior Analyst in New England Electric Pricing in the Regulation and Pricing
8 Department of National Grid USA Service Company, Inc. (National Grid). This
9 department provides rate-related support to The Narragansett Electric Company d/b/a
10 National Grid (the Company).

11

12 **Q. Please describe your educational background.**

13 A. In 1998, I graduated from the University of Massachusetts in Lowell, MA with a
14 Bachelor of Psychology degree.

15

16 **Q. Please describe your professional experience?**

17 A. For approximately fifteen years before joining National Grid, I was employed by
18 Advantage Resourcing America (Advantage) as a Senior Financial Analyst, responsible
19 for budgeting, forecasting, and analysis for numerous Advantage business units around
20 the world, as well Advantage's Corporate Division. Prior to Advantage, I held various

1 positions in accounting and finance. I began my employment with National Grid as a
2 Senior Analyst in New England Electric Pricing in March 2015.

3
4 **Q. Have you previously testified before the Rhode Island Public Utilities Commission**
5 **(PUC)?**

6 A. No, I have not.

7
8 **II. Purpose of Testimony**

9 **Q. What is the purpose of your testimony?**

10 A. The purpose of my testimony is to propose a Revenue Decoupling Mechanism (RDM)
11 Adjustment Factor of \$0.00085 per kWh, applicable to all customers, effective July 1,
12 2016. The proposed RDM Adjustment Factor is designed to recover the balance resulting
13 from the RDM reconciliation for the year ending March 31, 2016 (2016 RDM Year). My
14 testimony will also provide the status of the credit to customers of the 2014 RDM Year
15 over-recovery as well as the recovery from customers of the 2015 RDM Year under-
16 recovery resulting from each of those RDM Year's reconciliations. This filing is
17 submitted in compliance with R.I. Gen. Laws § 39-1-27.7.1 (the Decoupling Act) and
18 pursuant to the Company's Revenue Decoupling Mechanism Provision, RIPUC No.
19 2073, approved by the PUC in Docket 4206.

20

1 In addition, the Company is requesting approval to credit to customers through the
2 proposed RDM Adjustment Factor the Company's 2015 Service Quality Penalty of
3 \$184,000. The proposed RDM Adjustment Factor of \$0.00085 per kWh includes this
4 amount, as well as a credit of \$65,901 in Net Unbilled Standard Offer Service (SOS)
5 Billing Adjustments, which were presented to the PUC in Docket 4599 pursuant to the
6 PUC's July 2, 2015 Open Meeting decision in Docket 4556. Docket No. 4556 involves
7 the Company's SOS Procurement Plan in which, effective immediately, the PUC ruled to
8 eliminate the billing adjustment for customers billed for SOS on a six-month fixed rate
9 and left SOS to receive their electric supply from a non-regulated power producer. In
10 Docket 4599, the Company reversed the impact of no longer billing the SOS billing
11 adjustment for calendar year (CY) 2015 in the CY 2015 SOS reconciliation, and
12 requested that this CY 2015 impact be reflected in the RDM Adjustment Factor effective
13 July 1, 2016.¹

14
15 **Q. Are you presenting any schedules in support of the Company's proposal in this**
16 **filing?**

17 A. Yes. I am presenting the following four schedules in support of the Company's proposal
18 in this filing:

19	Schedule REP-1	RDM Adjustment Factor and RDM Reconciliations
20	Schedule REP-2	Net Unbilled Standard Offer Service (SOS) Billing Adjustments
21	Schedule REP-3	2015 Service Quality Penalty

¹ The PUC approved the Company's proposals in Docket 4599 at its March 30, 2016 Open Meeting.

1 Schedule REP-4 Typical Bills

2
3 **Q. Is the Company proposing changes to its Summary of Retail Delivery Service Rates,**
4 **RIPUC No. 2095?**

5 A. No, not at this time. The Company will be proposing a new Long-Term Contracting
6 for Renewable Energy (LTC) Recovery Factor in a separate filing that would, if
7 approved, also take effect on July 1, 2016. Therefore, to avoid the confusion that
8 may arise from filing multiple versions of the Summary of Retail Delivery Service
9 Rates, the Company will file a revised Summary of Retail Delivery Service Rates that
10 incorporates all rate changes effective July 1, 2016 once the PUC has ruled on these
11 proposals.

12
13 **III. RDM Reconciliation**

14 **Q. Please describe the Company's RDM reconciliation.**

15 A. Pursuant to the RDM Provision, the Company is required to submit its annual RDM
16 reconciliation by May 15 of each year for the fiscal year ending on March 31 (RDM
17 Year). The Company's RDM reconciliation compares the Annual Target Revenue to
18 actual billed distribution revenue for the RDM Year. The Annual Target Revenue is the
19 annual distribution revenue requirement as approved by the PUC in a general rate case,
20 less any adjustments to that revenue requirement that have been approved by the PUC.
21 The "RDM Reconciliation Amount" is the difference (either positive or negative)

1 between the actual billed distribution revenue and the Annual Target Revenue for the
2 RDM Year. The RDM Reconciliation Amount, including interest at the rate paid on
3 customer deposits, is the basis for the RDM Adjustment Factor. The RDM Adjustment
4 Factor is a uniform per-kWh charge or credit that is applicable to all customers and is
5 typically effective for usage on and after July 1.

6
7 **IV. RDM Reconciliation for RDM Year Ending March 31, 2016**

8 **A. Annual Target Revenue**

9 **Q. Please describe the Company's Annual Target Revenue.**

10 A. As stated above, the Annual Target Revenue is the annual distribution revenue
11 requirement as approved by the PUC in a general rate case, less any adjustments to that
12 revenue requirement that have been approved by the PUC. The Annual Target Revenue
13 for the 2016 RDM Year is \$251,173,000, as shown on Page 3, Line (1) of Schedule REP-
14 1. This amount represents the revenue requirement approved by the PUC in the
15 Company's last general rate case in Docket 4323.

16
17 **Q. Has the Company made any adjustments to the Annual Target Revenue for the
18 2016 RDM Year?**

19 A. No, the Company has not made any adjustments to the Annual Target Revenue for the
20 2016 RDM Year.

21

1 **B. Billed Distribution Revenue**

2 **Q. What is the annual billed distribution revenue for the 2016 RDM Year?**

3 A. As shown on Schedule REP-1, Page 2, Column (c), Line (14), the annual billed
4 distribution revenue for the 2016 RDM Year is \$244,507,420.

5
6 **Q. What is included in the annual billed distribution revenue?**

7 A. Billed distribution revenue represents revenue generated from the Company's base
8 distribution rates and includes: customer charges, distribution energy charges,
9 distribution demand charges, high voltage metering and delivery credits under the
10 Company's general service rate classes, paperless bill credits, luminaire and pole charges
11 under the Company's street and area lighting rates, and revenue generated by the charges
12 billed to customers who opt out of having a Company-owned Automatic Meter Reading
13 (AMR) device at their homes, as provided under Section 10 of the Company's Terms and
14 Conditions for Distribution Service. Billed distribution revenue is the revenue that
15 supports the Company's distribution cost of service. Schedule REP-1, Page 4, provides
16 the detail behind billed distribution revenue.

17
18 **C. RDM Reconciliation Amount**

19 **Q. What is the RDM Reconciliation Amount for the 2016 RDM Year?**

20 A. As shown on Schedule REP-1, Page 2, the RDM Reconciliation Amount for the 2016

1 RDM Year is an under-recovery of \$6,699,487. This amount includes \$82,928 of
2 interest, which is based on the currently effective rate of interest paid on customer
3 deposits, and represents an estimate of interest that accrued on this balance during
4 the 2016 RDM Year.

5
6 **Q. What is the adjustment appearing in Column (e) on Page 2 of Schedule REP-1?**

7 A. As discussed further in Section VI below, the July 2015 adjustment reflected on Page 2 of
8 Schedule REP-1 of \$49,020 represents the final remaining balance associated with the
9 RDM Adjustment Factor designed to credit customers \$141,976 during the period July
10 2014 through June 2015.

11
12 **Q. What were the primary drivers of the under-recovery of Annual Target Revenue for**
13 **the 2016 RDM Year?**

14 A. In general, actual kWh deliveries were lower by approximately 3% during the 2016 RDM
15 Year than the forecast of kWh deliveries that was used in the rate design for base
16 distribution rates in Docket 4323. An analysis of the individual rate class distribution
17 revenue during the 2016 RDM Year in comparison to the Annual Revenue Targets by
18 rate class indicates that the largest variances occur in Rate Classes B/G-62 and G-02.
19 These variances are primarily due to the reduced demand (kW) and kWh deliveries.

20

1 **Q. Have you performed further analysis on the components of the variance, and if so,**
2 **what did they show?**

3 **A.** Yes, the Company performed further analysis on customer class gigawatt-hours (GWh)²
4 deliveries to determine the drivers of the under-recovery of the Annual Target Revenue
5 for the 2016 RDM Year. As shown in Table 1 below, comparing forecasted GWh used
6 in the rate design in Docket 4323 and actual GWh for the 2016 RDM Year, the greatest
7 variance was in the Industrial customer class, where there was a 12.4% decrease in
8 deliveries vs. the forecast. Through review of billing records coupled with additional
9 research, the Company determined that the decrease was due to plant closings
10 throughout the 2016 RDM Year associated with five customers.

11 Table 1
12 Actual vs. Rate Year Forecast GWh Deliveries for 2016 RDM Year
13 Estimated Components of Variance

	<u>Total</u>	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>
14 RDM Year Actual	7,474.6	3,034.8	3,674.7	765.0
15 Rate Year Forecast	<u>7,858.4</u>	<u>3,113.4</u>	<u>3,871.8</u>	<u>873.2</u>
16 Increase/(Decrease)	(383.8)	(78.6)	(197.1)	(108.1)
17 Percentage Increase/(Decrease)	(4.9%)	(2.5%)	(5.1%)	(12.4%)
18				
19				
20	<u>Components</u>			
21 Energy Efficiency	(5.3%)	(4.8%)	(5.8%)	(5.8%)
22 Weather	0.1%	(0.2%)	0.2%	0.4%
23 Rate Year Forecast Variance	(0.7%)	2.3%	(4.1%)	3.3%

² One GWh is equivalent to 1,000,000 kilowatt-hours (kWh).

1	<u>Underlying Growth</u>	<u>1.1%</u>	<u>0.2%</u>	<u>4.5%</u>	<u>(10.3%)</u>
2	Total	(4.9%)	(2.5%)	(5.1%)	(12.4%)

3

4 **D. RDM Adjustment Factor**

5 **Q. Please explain the calculation of the proposed RDM Adjustment Factor.**

6 A. The calculation of the proposed RDM Adjustment Factor is shown on Schedule REP-1,
7 Page 1. The RDM Adjustment Factor is designed to recover the RDM Reconciliation
8 Amount plus estimated interest during the recovery period, which is calculated on Page 5
9 of Schedule REP-1. The total amount the Company is proposing to reflect in the RDM
10 Adjustment Factor, including the Net Unbilled SOS Adjustment, the 2015 Service
11 Quality Penalty, and estimated interest during the recovery period, results in a total
12 amount to be recovered from customers of \$6,553,999, as shown in Schedule REP-1,
13 Page 1, Line (6). This amount is divided by forecasted kilowatt-hour deliveries for the
14 period July 1, 2016 through June 30, 2017 to arrive at the proposed RDM Adjustment
15 Factor of \$0.00085 per kWh. The currently effective RDM Adjustment Factor, which
16 ends June 30, 2015, is a charge of \$0.00091 per kWh.

17

18 **V. Reconciliation Amount for the 2015 RDM Year**

19 **Q. What is the status of the recovery of the 2015 RDM Year under-recovery?**

20 A. The status of the recovery of the 2015 RDM Year under-recovery is shown on Schedule
21 REP-1, Page 7. Of the \$6,917,527 under-recovery to be billed to customers during the
22 period July 1, 2015 through June 30, 2016, \$5,389,897 has been billed to customers and

1 \$1,668,741 remains to be billed as of April 30, 2016. The residual balance, either
2 positive or negative, as of June 30, 2016, plus applicable interest, will be reflected as an
3 adjustment in the RDM reconciliation for the 2017 RDM Year.

4
5 **VI. Reconciliation Amount for the 2014 RDM Year**

6 **Q. What is the status of the refund of the 2014 RDM Year over-recovery?**

7 A. The status of the refund of the 2014 RDM Year over-recovery is shown on Schedule
8 REP-1, Page 6. The \$141,976 over-recovery was credited to customers during the
9 period July 1, 2014 through June 30, 2015. During this period, \$95,962 was credited to
10 customers, leaving a balance of \$49,020 owed to customers as of June 30, 2015. This
11 \$49,020 balance is included as a credit adjustment in the 2016 RDM Year reconciliation
12 in the month of June 2015. Notably, while 67.6% of the \$141,976 over-recovery was
13 credited to customers during the period of July 1, 2014 through June 30, 2015, this
14 result is driven by the calculation of the RDM Adjustment Factor in which the
15 calculation truncates the factor after five decimal places, to a credit factor of \$0.00001
16 per kWh. Truncating in the calculation of energy-based rates is the accepted and
17 preferred practice so as to avoid rates that generate revenue in excess of the amount
18 authorized, with the goal of calculating a rate to generate revenue that does not exceed
19 the authorized amount. Since the Company's billing system allows per-kWh rates of up
20 to five decimal places, if the calculation of the factor including rounding the factor to
21 five decimal places, the result would have been a credit factor \$0.00002 per kWh. If the

1 value of \$0.00002 per kWh had been input into the billing system, the Company would
2 have over-credited customers, which is contrary to the way rates are ultimately
3 calculated.

4 **VII. Typical Bill Analysis**

5 **Q. Is the Company providing a typical bill analysis to illustrate the impact of the**
6 **proposed RDM Adjustment Factor?**

7 A. Yes. The typical bill analysis is included as Schedule REP-4. The impact of the
8 proposed RDM Adjustment Factor on a typical residential SOS customer using 500 kWhs
9 per month is a decrease of \$0.03, or 0.0%, from \$94.49 to \$94.46.

10

11 **VIII. Conclusion**

12 **Q. Does this conclude your testimony?**

13 A. Yes.

Schedule REP-1

RDM Adjustment Factor and RDM Reconciliations

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation
For the Period April 1, 2015 through March 31, 2016

RDM Adjustment Factor Calculation

(1) RDM Reconciliation - Under-Recovery	(\$6,699,487)
(2) Net Unbilled SOS Billing Adjustments	\$65,901
(3) 2015 Service Quality Penalty	<u>\$184,000</u>
(4) Total RDM Under-Recovery	(\$6,449,587)
(5) Plus: Estimated Interest During Recovery Period	(\$104,413)
(6) Total Under-Recovery Including Interest	<u>(\$6,553,999)</u>
(7) Forecasted July 1, 2016 - June 30, 2017 kWh Deliveries	7,623,573,886
(8) Proposed RDM Adjustment Factor	<u>\$0.00085</u>

- (1) Page 2, Line (16)
- (2) Schedule REP-2, Column (c) Total
- (3) Schedule REP-3, Column (i) Total
- (4) Line (1) + Line (2) + Line (3)
- (5) Page 5, Column (e)
- (6) Line (4) + Line (5)
- (7) Company forecast
- (8) [Line (6) ÷ Line (7)] x -1; truncated to 5

**Revenue Decoupling Mechanism Reconciliation
For the Period April 1, 2015 through March 31, 2016**

Mo-Yr	Over (Under) Beginning Balance	Annual Target Revenue	Billed Distribution Revenue	Monthly Over(Under)	Adjustments	Ending Over(Under) Balance
	(a)	(b)	(c)	(d)	(e)	(f)
(1) Apr-15	\$0	\$20,015,029	\$9,132,571	(\$10,882,458)		(\$10,882,458)
(2) May-15	(\$10,882,458)	\$18,401,487	\$17,897,977	(\$503,510)		(\$11,385,968)
(3) Jun-15	(\$11,385,968)	\$19,838,090	\$19,268,005	(\$570,085)		(\$11,956,052)
(4) Jul-15	(\$11,956,052)	\$23,347,282	\$21,399,353	(\$1,947,929)	\$49,020	(\$13,854,960)
(5) Aug-15	(\$13,854,960)	\$24,159,219	\$24,080,936	(\$78,283)		(\$13,933,243)
(6) Sep-15	(\$13,933,243)	\$22,479,060	\$23,903,250	\$1,424,190		(\$12,509,053)
(7) Oct-15	(\$12,509,053)	\$19,846,887	\$19,414,717	(\$432,170)		(\$12,941,223)
(8) Nov-15	(\$12,941,223)	\$19,078,023	\$17,828,453	(\$1,249,570)		(\$14,190,793)
(9) Dec-15	(\$14,190,793)	\$21,144,507	\$20,628,014	(\$516,493)		(\$14,707,286)
(10) Jan-16	(\$14,707,286)	\$21,829,337	\$20,890,638	(\$938,699)		(\$15,645,985)
(11) Feb-16	(\$15,645,985)	\$20,593,609	\$19,994,468	(\$599,142)		(\$16,245,127)
(12) Mar-16	(\$16,245,127)	\$20,440,472	\$19,869,724	(\$570,748)		(\$16,815,874)
(13) Apr-16	(\$16,815,874)	\$0	\$10,199,314	\$10,199,314		(\$6,616,560)
(14) Totals	\$0	\$251,173,000	\$244,507,420	(\$6,665,580.14)	\$49,020	(\$6,616,560)
(15) Interest						(\$82,928)
(16) Total Under Recovery						(\$6,699,487)

- (a) previous month Column (f)
- (b) Page 3, Column (c)
- (c) Page 4
- (d) Column (c) - Column (b)
- (e) July 2015: Page 6, ending balance of the 2014 RDM Year over-recovery
- (f) Column (a) + Column (d) + Column (e)

(15) $[(\text{beginning balance } \$0 + \text{ending balance } (\$6,616,560)) \div 2] \times [(2.54\% \times 11/12) + (2.14\% \times 1/12)]$

Revenue Decoupling Mechanism Reconciliation
For the Period April 1, 2015 through March 31, 2016

Calculation of Monthly Target Revenue per Docket No. 4323

(1) Annual Target Revenue \$251,173,000

	Rate Year kWh Deliveries (a)	Monthly kWhs as % of Total kWhs (b)	Allocated Monthly Annual Target Revenue (c)
(2) April	625,729,829	8.0%	\$20,015,029
(3) May	575,285,676	7.3%	\$18,401,487
(4) June	620,198,184	7.9%	\$19,838,090
(5) July	729,906,059	9.3%	\$23,347,282
(6) August	755,289,639	9.6%	\$24,159,219
(7) September	702,762,824	8.9%	\$22,479,060
(8) October	620,473,206	7.9%	\$19,846,887
(9) November	596,436,211	7.6%	\$19,078,023
(10) December	661,040,707	8.4%	\$21,144,507
(11) January	682,450,532	8.7%	\$21,829,337
(12) February	643,817,998	8.2%	\$20,593,609
(13) March	<u>639,030,450</u>	8.1%	<u>\$20,440,472</u>
(14) Total	7,852,421,313	100.0%	\$251,173,000

- (1) RIPUC Docket No. 4323, Compliance (Book 2) Attachment 3B (Schedule JAL-1), page 1, Line 45
- (a) RIPUC Docket No. 4323, Compliance (Book 2) Attachment 3D, (Schedule JAL-4), page 13, Column (h), Lines 1 through 7
- (b) Column (a) ÷ Column (a) total
- (c) Line (1) x Column (b)

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation

Billed Revenue by Revenue Type and Month

	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	Grand Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
FY2016 RDM Revenue:														
(1) Customer Charge	\$2,198,636	\$4,641,694	\$4,703,677	\$4,602,772	\$4,694,317	\$4,667,224	\$4,626,110	\$4,652,333	\$4,967,997	\$4,737,317	\$4,656,388	\$4,762,239	\$2,566,216	\$56,476,919
(2) Lighting Equipment	\$460,000	\$1,040,998	\$940,802	\$973,124	\$1,004,656	\$971,013	\$937,953	\$937,415	\$1,030,084	\$1,090,497	\$927,935	\$757,344	\$447,484	\$11,519,303
(3) Second Feeder Service	\$31,738	\$82,885	\$75,185	\$75,457	\$75,457	\$75,457	\$75,457	\$67,757	\$67,757	\$67,757	\$67,757	\$67,757	\$36,928	\$867,351
(4) Back-Up Distribution	\$676	\$5,488	\$5,488	\$5,488	\$5,488	\$5,488	\$5,488	\$5,477	\$5,477	\$5,477	\$5,477	\$5,477	\$2,985	\$63,973
(5) Distribution Optional Demand	\$44	\$120	\$158	\$321	\$333	\$178	\$170	\$138	\$129	\$799	\$101	\$278	\$70	\$2,838
(6) Distribution Demand Charge	\$1,236,265	\$2,605,480	\$2,964,723	\$2,914,561	\$3,183,259	\$3,099,716	\$2,894,518	\$2,657,759	\$2,665,605	\$2,614,099	\$2,612,027	\$2,660,434	\$1,399,274	\$33,507,720
(7) Supplemental Distribution	\$2,445	\$7,208	\$7,489	\$7,487	\$8,517	\$8,945	\$7,000	\$6,812	\$4,325	\$6,989	\$5,671	\$6,190	\$3,712	\$82,791
(8) Transformer Ownership	(\$42,133)	(\$89,420)	(\$96,588)	(\$91,787)	(\$104,511)	(\$100,273)	(\$94,529)	(\$88,377)	(\$86,073)	(\$81,147)	(\$89,450)	(\$91,388)	(\$47,235)	(\$1,102,910)
(9) Distribution kWh Charge	\$5,274,668	\$9,655,353	\$10,720,060	\$12,963,095	\$15,273,124	\$15,233,677	\$11,017,106	\$9,643,492	\$12,027,997	\$12,502,137	\$11,865,449	\$11,761,124	\$5,824,106	\$143,761,389
(10) Minimum Bill Provision	\$696	\$2,177	\$2,270	\$2,177	\$2,779	\$2,779	\$2,131	\$2,825	\$2,594	\$2,825	\$2,825	\$2,825	\$1,494	\$30,351
(11) Paperless Billing Credit	(\$16,278)	(\$35,288)	(\$35,493)	(\$35,365)	(\$35,782)	(\$36,267)	(\$36,478)	(\$37,308)	(\$40,900)	(\$38,107)	(\$38,284)	(\$39,368)	(\$21,338)	(\$446,255)
(12) 1% High Voltage Metering Credit	(\$14,316)	(\$18,915)	(\$19,923)	(\$18,134)	(\$26,856)	(\$24,843)	(\$21,087)	(\$19,345)	(\$17,379)	(\$17,787)	(\$21,519)	(\$23,425)	(\$14,382)	(\$257,912)
(13) AMR Opt Out	\$130	\$197	\$156	\$156	\$156	\$156	\$230	\$169	\$169	\$13	\$91	\$237	\$0	\$1,860
(14) Total	\$9,132,571	\$17,897,977	\$19,268,005	\$21,399,353	\$24,080,936	\$23,903,250	\$19,414,717	\$17,828,453	\$20,628,014	\$20,890,638	\$19,994,468	\$19,869,724	\$10,199,314	\$244,507,420

(a) prorated for usage on and after April

(m) prorated for usage prior to April

source: Company billing records

The Narragansett Electric Company
Calculation of Estimated Interest During Recovery Period
Rate Effective July 1, 2016 through June 30, 2017
For Under Recovery Incurred April 1, 2015 through March 31, 2016

	(Under) Beginning Balance	Charge	Ending Balance	Interest Rate	Interest
	(a)	(b)	(c)	(d)	(e)
(1) Apr-16	(\$6,449,587)		(\$6,449,587)	2.14%	(\$11,502)
(2) May-16	(\$6,461,088)		(\$6,461,088)	2.14%	(\$11,522)
(3) Jun-16	(\$6,472,611)		(\$6,472,611)	2.14%	(\$11,543)
(4) Jul-16	(\$6,484,154)	\$540,346	(\$5,943,807)	2.14%	(\$11,082)
(5) Aug-16	(\$5,954,889)	\$541,354	(\$5,413,535)	2.14%	(\$10,137)
(6) Sep-16	(\$5,423,672)	\$542,367	(\$4,881,305)	2.14%	(\$9,189)
(7) Oct-16	(\$4,890,494)	\$543,388	(\$4,347,106)	2.14%	(\$8,237)
(8) Nov-16	(\$4,355,342)	\$544,418	(\$3,810,925)	2.14%	(\$7,282)
(9) Dec-16	(\$3,818,206)	\$545,458	(\$3,272,748)	2.14%	(\$6,323)
(10) Jan-17	(\$3,279,071)	\$546,512	(\$2,732,559)	2.14%	(\$5,360)
(11) Feb-17	(\$2,737,919)	\$547,584	(\$2,190,336)	2.14%	(\$4,394)
(12) Mar-17	(\$2,194,730)	\$548,682	(\$1,646,047)	2.14%	(\$3,425)
(13) Apr-17	(\$1,649,472)	\$549,824	(\$1,099,648)	2.14%	(\$2,451)
(14) May-17	(\$1,102,099)	\$551,050	(\$551,050)	2.14%	(\$1,474)
(15) Jun-17	(\$552,524)	\$552,524	\$0	2.14%	(\$493)
(16) Total		\$6,553,507			(\$104,413)

Column Descriptions:

- (a) prior month's column (e), beginning balance per Page 1, Line (4)
- (b) For July-2016, (Column (a)) ÷ 12. For Aug-2016, (Column (b)) ÷ 11, etc.
- (c) Column (a) + Column (b)
- (d) current rate for customer deposits
- (e) [(Column (a) + Column (c)) ÷ 2] x (Column (d) ÷ 12)

RDM Adjustment Reconciliation
For the Period April 1, 2013 through March 31, 2014

Reconciliation Period: April 2013 through March 2014
Refund Period: July 1, 2014 through June 30, 2015
Beginning Balance: Schedule NR-1, Docket No. 4505

Mo-Yr	Over Beginning Balance	Refund	Over Ending Balance	Interest Balance	Interest Rate	Monthly Interest	Ending Over Recovery w/ Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1) Apr-14	\$141,976	\$0	\$141,976	\$141,976	2.35%	\$278	\$142,254
(2) May-14	\$142,254	\$0	\$142,254	\$142,254	2.35%	\$279	\$142,533
(3) Jun-14	\$142,533	\$0	\$142,533	\$142,533	2.35%	\$279	\$142,812
(4) Jul-14	\$142,812	(\$21,368)	\$121,444	\$132,128	2.35%	\$259	\$121,702
(5) Aug-14	\$121,702	\$6,715	\$128,418	\$125,060	2.35%	\$245	\$128,663
(6) Sep-14	\$128,663	(\$7,978)	\$120,684	\$124,673	2.35%	\$244	\$120,928
(7) Oct-14	\$120,928	(\$22,037)	\$98,892	\$109,910	2.35%	\$215	\$99,107
(8) Nov-14	\$99,107	(\$7,286)	\$91,821	\$95,464	2.35%	\$187	\$92,007
(9) Dec-14	\$92,007	(\$5,611)	\$86,397	\$89,202	2.35%	\$175	\$86,571
(10) Jan-15	\$86,571	(\$6,414)	\$80,158	\$83,364	2.35%	\$163	\$80,321
(11) Feb-15	\$80,321	(\$6,574)	\$73,747	\$77,034	2.35%	\$151	\$73,898
(12) Mar-15	\$73,898	(\$6,066)	\$67,832	\$70,865	2.54%	\$150	\$67,982
(13) Apr-15	\$67,982	(\$5,563)	\$62,419	\$65,200	2.54%	\$138	\$62,557
(14) May-15	\$62,557	(\$4,927)	\$57,629	\$60,093	2.54%	\$127	\$57,756
(15) Jun-15	\$57,756	(\$5,488)	\$52,268	\$55,012	2.54%	\$116	\$52,385
(16) Jul-15	\$52,385	(\$3,364)	\$49,020				\$49,020
(17) Totals		(\$95,962)				\$3,006	\$49,020

Column Descriptions:

- (a) previous month Column (g); beginning balance per RIPUC Docket No. 4505, Schedule NR-1, Page 1, Line 1 + Line 4.
- (b) Company billing records, Line (4) prorated for usage on and after July 1st, Line (16) prorated for usage prior to July 1st
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Customer deposit rate
- (f) [Column (d) x Column (e)] x 1/12
- (g) Column (c) + Column (f)

RDM Adjustment Reconciliation
For the Period April 1, 2014 through March 31, 2015

Reconciliation Period: April 2014 through March 2015
Refund Period: July 1, 2015 through June 30, 2016
Beginning Balance: Schedule ASC-1, Docket No. 4566

Mo-Yr	Over (Under) Beginning Balance	Charge	Over (Under) Ending Balance	Interest Balance	Interest Rate	Monthly Interest	Ending Over (Under) Recovery w/ Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1) Apr-15	(\$6,917,527)	\$0	(\$6,917,527)	(\$6,917,527)	2.54%	(\$14,642)	(\$6,932,169)
(2) May-15	(\$6,932,169)	\$0	(\$6,932,169)	(\$6,932,169)	2.54%	(\$14,673)	(\$6,946,842)
(3) Jun-15	(\$6,946,842)	\$0	(\$6,946,842)	(\$6,946,842)	2.54%	(\$14,704)	(\$6,961,546)
(4) Jul-15	(\$6,961,546)	\$240,977	(\$6,720,569)	(\$6,841,058)	2.54%	(\$14,480)	(\$6,735,049)
(5) Aug-15	(\$6,735,049)	\$679,621	(\$6,055,429)	(\$6,395,239)	2.54%	(\$13,537)	(\$6,068,965)
(6) Sep-15	(\$6,068,965)	\$688,832	(\$5,380,133)	(\$5,724,549)	2.54%	(\$12,117)	(\$5,392,250)
(7) Oct-15	(\$5,392,250)	\$532,177	(\$4,860,073)	(\$5,126,161)	2.54%	(\$10,850)	(\$4,870,923)
(8) Nov-15	(\$4,870,923)	\$481,969	(\$4,388,954)	(\$4,629,938)	2.54%	(\$9,800)	(\$4,398,754)
(9) Dec-15	(\$4,398,754)	\$567,588	(\$3,831,165)	(\$4,114,959)	2.54%	(\$8,710)	(\$3,839,875)
(10) Jan-16	(\$3,839,875)	\$571,176	(\$3,268,699)	(\$3,554,287)	2.54%	(\$7,523)	(\$3,276,222)
(11) Feb-16	(\$3,276,222)	\$556,138	(\$2,720,085)	(\$2,998,154)	2.54%	(\$6,346)	(\$2,726,431)
(12) Mar-16	(\$2,726,431)	\$552,116	(\$2,174,314)	(\$2,450,373)	2.14%	(\$4,370)	(\$2,178,684)
(13) Apr-16	(\$2,178,684)	\$519,302	(\$1,659,382)	(\$1,919,033)	2.14%	(\$3,422)	(\$1,662,805)
(14) May-16	(\$1,662,805)	\$0	(\$1,662,805)	(\$1,662,805)	2.14%	(\$2,965)	(\$1,665,770)
(15) Jun-16	(\$1,665,770)	\$0	(\$1,665,770)	(\$1,665,770)	2.14%	(\$2,971)	(\$1,668,741)
(16) Jul-16	(\$1,668,741)	\$0	(\$1,668,741)	(\$1,668,741)			(\$1,668,741)
(17) Totals		\$5,389,897				(\$141,111)	(\$1,668,741)

Column Descriptions:

- (a) previous month Column (g); beginning balance per RIPUC Docket No. 4566, Schedule ASC-1, Page 1, Line 1.
- (b) Company billing records, Line (4) prorated for usage on and after July 1st
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Customer deposit rate
- (f) (Column (d) x Column (e)) x 1/12
- (g) Column (c) + Column (f)

(4) recovery prorated for usage on and after July 1st

Schedule REP-2

Net Unbilled Standard Offer Service (SOS) Billing Adjustments

Unbilled Standard Offer Service Billing Adjustments

Unbilled Billing Adjustment Revenue

Month	Net Unbilled Adjustments Residential (a)	Net Unbilled Adjustments Commercial (b)	Total Net Unbilled Adjustments (c)
Jul-15	\$81,259.52	(\$1,238.05)	\$80,021.47
Aug-15	\$96,748.64	(\$2,865.77)	\$93,882.87
Sep-15	\$6,012.27	(\$6,603.90)	(\$591.63)
Oct-15	(\$60,324.53)	(\$8,083.22)	(\$68,407.75)
Nov-15	(\$68,602.14)	(\$27,404.06)	(\$96,006.20)
Dec-15	(\$62,794.67)	(\$12,004.59)	(\$74,799.26)
Totals	(\$7,700.91)	(\$58,199.59)	(\$65,900.50)

Column Notes:

(a) - (b) From Company reports - (negative values are credits)

(c) Sum of (a) through (b)

Schedule REP-3

2015 Service Quality Penalty

National Grid
2015 Results of Service Quality Plan
Calculation of Penalty/Offset

<u>Performance Standard</u>	<u>Potential Penalty</u> (a)	<u>Potential Offset</u> (b)	<u>2015 Results</u> (c)	<u>Maximum Penalty</u> (d)	<u>One Std Dev. Worse Than Mean</u> (e)	<u>Mean</u> (f)	<u>One Std Dev. Better Than Mean</u> (g)	<u>Maximum Offset</u> (h)	<u>Annual (Penalty)/Offset</u> (i)
Reliability - Frequency	\$ 916,000	\$ 229,000	0.94	1.18	1.05	0.94	0.84	0.75	\$0
Reliability - Duration	\$ 916,000	\$ 229,000	64.3	89.9	71.9	57.5	45.9	36.7	\$0
Customer Service - Customer Contact Survey	\$ 184,000	\$ 46,000	71.7%	74.5%	76.8%	79.1%	81.4%	83.7%	(\$184,000)
Customer Service - Telephone Calls Answered	\$ 184,000	\$ 46,000	77.0%	53.5%	65.8%	78.1%	90.4%	100.0%	\$0
Total Penalty/Offset	\$ 2,200,000	\$ 550,000							(\$184,000)

Notes:

Columns (a), (b), and (d)-(h) are per the Amended Electric Service Quality Plan, RIPUC Docket No. 3628.

Column (c) represents the actual 2015 annual results for the performance standards listed in the first column.

Column (i) is calculated as follows:

- For Reliability Standards:

If Column (c) is between Column (g) and Column (e): \$0

If Column (c) is between Column (h) and Column (g): $[\text{Column (g) - Column (c)}] \div [\text{Column (g) - Column (h)}] \times \text{Column (b)}$

If Column (c) is between Column (e) and Column (d): $[\text{Column (c) - Column (e)}] \div [\text{Column (d) - Column (e)}] \times \text{Column (a)}$

If Column (c) is greater than Column (d): 100% of Column (a)

If Column (c) is less than Column (h): 100% of Column (b)

- For Customer Service Standards:

If Column (c) is between Column (e) and Column (g): \$0

If Column (c) is between Column (g) and Column (h): $[\text{Column (c) - Column (g)}] \div [\text{Column (e) - Column (d)}] \times \text{Column (b)}$

If Column (c) is between Column (d) and Column (e): $[\text{Column (e) - Column (c)}] \div [\text{Column (e) - Column (d)}] \times \text{Column (a)}$

If Column (c) is less than Column (d): 100% of Column (a)

If Column (c) is greater than Column (h): 100% of Column (b)

Schedule REP-4

Typical Bill Analysis

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

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
150	\$32.65	\$13.56	\$19.09	\$32.64	\$13.56	\$19.08	(\$0.01)	0.0%	13.7%
300	\$59.15	\$27.12	\$32.03	\$59.13	\$27.12	\$32.01	(\$0.02)	0.0%	17.5%
400	\$76.82	\$36.16	\$40.66	\$76.80	\$36.16	\$40.64	(\$0.02)	0.0%	11.8%
500	\$94.49	\$45.20	\$49.29	\$94.46	\$45.20	\$49.26	(\$0.03)	0.0%	10.8%
600	\$112.16	\$54.24	\$57.92	\$112.12	\$54.24	\$57.88	(\$0.04)	0.0%	9.4%
700	\$129.83	\$63.28	\$66.55	\$129.79	\$63.28	\$66.51	(\$0.04)	0.0%	7.7%
1,200	\$218.19	\$108.49	\$109.70	\$218.11	\$108.49	\$109.62	(\$0.08)	0.0%	15.0%
2,000	\$359.54	\$180.81	\$178.73	\$359.41	\$180.81	\$178.60	(\$0.13)	0.0%	14.1%

Present Rates

Customer Charge		\$5.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02705
Distribution Energy Charge (1)	kWh x	\$0.04289
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08679

Proposed Rates

Customer Charge		\$5.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02705
Distribution Energy Charge (2)	kWh x	\$0.04283
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08679

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$25.34	\$13.56	\$11.78	\$25.33	\$13.56	\$11.77	(\$0.01)	0.0%	10.7%
300	\$49.74	\$27.12	\$22.62	\$49.72	\$27.12	\$22.60	(\$0.02)	0.0%	23.2%
400	\$66.00	\$36.16	\$29.84	\$65.98	\$36.16	\$29.82	(\$0.02)	0.0%	14.9%
500	\$82.27	\$45.20	\$37.07	\$82.24	\$45.20	\$37.04	(\$0.03)	0.0%	12.2%
600	\$98.53	\$54.24	\$44.29	\$98.50	\$54.24	\$44.26	(\$0.03)	0.0%	9.6%
700	\$114.80	\$63.28	\$51.52	\$114.76	\$63.28	\$51.48	(\$0.04)	0.0%	7.3%
1,200	\$196.14	\$108.49	\$87.65	\$196.07	\$108.49	\$87.58	(\$0.07)	0.0%	12.3%
2,000	\$326.27	\$180.81	\$145.46	\$326.14	\$180.81	\$145.33	(\$0.13)	0.0%	9.8%

Present Rates

Customer Charge		\$0.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02705
Distribution Energy Charge (1)	kWh x	\$0.02942
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08679

Proposed Rates

Customer Charge		\$0.00
RE Growth Factor		\$0.17
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02705
Distribution Energy Charge (2)	kWh x	\$0.02936
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08679

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh

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

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
250	\$53.32	\$21.78	\$31.54	\$53.31	\$21.78	\$31.53	(\$0.01)	0.0%	35.2%
500	\$95.20	\$43.56	\$51.64	\$95.17	\$43.56	\$51.61	(\$0.03)	0.0%	17.0%
1,000	\$178.96	\$87.13	\$91.83	\$178.90	\$87.13	\$91.77	(\$0.06)	0.0%	19.0%
1,500	\$262.72	\$130.69	\$132.03	\$262.62	\$130.69	\$131.93	(\$0.10)	0.0%	9.8%
2,000	\$346.47	\$174.25	\$172.22	\$346.34	\$174.25	\$172.09	(\$0.13)	0.0%	19.1%

Present Rates

Customer Charge		\$10.00
RE Growth Factor		\$0.26
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02566
Distribution Energy Charge (1)	kWh x	\$0.03861
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Proposed Rates

Customer Charge		\$10.00
RE Growth Factor		\$0.26
LIHEAP Charge		\$0.73
Transmission Energy Charge	kWh x	\$0.02566
Distribution Energy Charge (2)	kWh x	\$0.03855
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh

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

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	4,000	\$754.20	\$348.50	\$405.70	\$753.95	\$348.50	\$405.45	-\$0.25	0.0%
50	10,000	\$1,756.76	\$871.25	\$885.51	\$1,756.14	\$871.25	\$884.89	-\$0.62	0.0%
100	20,000	\$3,427.70	\$1,742.50	\$1,685.20	\$3,426.45	\$1,742.50	\$1,683.95	-\$1.25	0.0%
150	30,000	\$5,098.64	\$2,613.75	\$2,484.89	\$5,096.76	\$2,613.75	\$2,483.01	-\$1.88	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (1)	kWh x	\$0.00734
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (2)	kWh x	\$0.00728
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh

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

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	6,000	\$992.86	\$522.75	\$470.11	\$992.49	\$522.75	\$469.74	(\$0.37)	0.0%
50	15,000	\$2,353.43	\$1,306.88	\$1,046.55	\$2,352.49	\$1,306.88	\$1,045.61	(\$0.94)	0.0%
100	30,000	\$4,621.03	\$2,613.75	\$2,007.28	\$4,619.16	\$2,613.75	\$2,005.41	(\$1.87)	0.0%
150	45,000	\$6,888.64	\$3,920.63	\$2,968.01	\$6,885.83	\$3,920.63	\$2,965.20	(\$2.81)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (1)	kWh x	\$0.00734
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08364

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (2)	kWh x	\$0.00728
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh

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

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	8,000	\$1,231.53	\$697.00	\$534.53	\$1,231.03	\$697.00	\$534.03	(\$0.50)	0.0%
50	20,000	\$2,950.09	\$1,742.50	\$1,207.59	\$2,948.84	\$1,742.50	\$1,206.34	(\$1.25)	0.0%
100	40,000	\$5,814.36	\$3,485.00	\$2,329.36	\$5,811.86	\$3,485.00	\$2,326.86	(\$2.50)	0.0%
150	60,000	\$8,678.64	\$5,227.50	\$3,451.14	\$8,674.89	\$5,227.50	\$3,447.39	(\$3.75)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (1)	kWh x	\$0.00734
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (2)	kWh x	\$0.00728
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh

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

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	10,000	\$1,470.20	\$871.25	\$598.95	\$1,469.57	\$871.25	\$598.32	(\$0.63)	0.0%
50	25,000	\$3,546.77	\$2,178.13	\$1,368.64	\$3,545.20	\$2,178.13	\$1,367.07	(\$1.57)	0.0%
100	50,000	\$7,007.70	\$4,356.25	\$2,651.45	\$7,004.57	\$4,356.25	\$2,648.32	(\$3.13)	0.0%
150	75,000	\$10,468.64	\$6,534.38	\$3,934.26	\$10,463.95	\$6,534.38	\$3,929.57	(\$4.69)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (1)	kWh x	\$0.00734
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08364

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (2)	kWh x	\$0.00728
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$1,708.86	\$1,045.50	\$663.36	\$1,708.11	\$1,045.50	\$662.61	(\$0.75)	0.0%
50	30,000	\$4,143.43	\$2,613.75	\$1,529.68	\$4,141.55	\$2,613.75	\$1,527.80	(\$1.88)	0.0%
100	60,000	\$8,201.03	\$5,227.50	\$2,973.53	\$8,197.28	\$5,227.50	\$2,969.78	(\$3.75)	0.0%
150	90,000	\$12,258.64	\$7,841.25	\$4,417.39	\$12,253.01	\$7,841.25	\$4,411.76	(\$5.63)	0.0%

Present Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (1)	kWh x	\$0.00734
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Proposed Rates

Customer Charge		\$135.00
RE Growth Factor		\$2.46
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.59
Transmission Energy Charge	kWh x	\$0.01068
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58
Distribution Energy Charge (2)	kWh x	\$0.00728
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.08364

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$4,955.33	\$1,966.67	\$2,988.66	\$4,952.83	\$1,966.67	\$2,986.16	(\$2.50)	-0.1%
750	150,000	\$18,709.91	\$7,375.00	\$11,334.91	\$18,700.53	\$7,375.00	\$11,325.53	(\$9.38)	-0.1%
1,000	200,000	\$24,961.99	\$9,833.33	\$15,128.66	\$24,949.49	\$9,833.33	\$15,116.16	(\$12.50)	-0.1%
1,500	300,000	\$37,466.16	\$14,750.00	\$22,716.16	\$37,447.41	\$14,750.00	\$22,697.41	(\$18.75)	-0.1%
2,500	500,000	\$62,474.49	\$24,583.33	\$37,891.16	\$62,443.24	\$24,583.33	\$37,859.91	(\$31.25)	-0.1%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (1)	kWh x	\$0.00742
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (2)	kWh x	\$0.00736
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$6,580.11	\$2,950.00	\$3,630.11	\$6,576.36	\$2,950.00	\$3,626.36	(\$3.75)	-0.1%
750	225,000	\$24,802.88	\$11,062.50	\$13,740.38	\$24,788.81	\$11,062.50	\$13,726.31	(\$14.07)	-0.1%
1,000	300,000	\$33,085.95	\$14,750.00	\$18,335.95	\$33,067.20	\$14,750.00	\$18,317.20	(\$18.75)	-0.1%
1,500	450,000	\$49,652.09	\$22,125.00	\$27,527.09	\$49,623.97	\$22,125.00	\$27,498.97	(\$28.12)	-0.1%
2,500	750,000	\$82,784.39	\$36,875.00	\$45,909.39	\$82,737.51	\$36,875.00	\$45,862.51	(\$46.88)	-0.1%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (1)	kWh x	\$0.00742
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (2)	kWh x	\$0.00736
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$8,204.90	\$3,933.33	\$4,271.57	\$8,199.90	\$3,933.33	\$4,266.57	(\$5.00)	-0.1%
750	300,000	\$30,895.84	\$14,750.00	\$16,145.84	\$30,877.09	\$14,750.00	\$16,127.09	(\$18.75)	-0.1%
1,000	400,000	\$41,209.91	\$19,666.67	\$21,543.24	\$41,184.91	\$19,666.67	\$21,518.24	(\$25.00)	-0.1%
1,500	600,000	\$61,838.03	\$29,500.00	\$32,338.03	\$61,800.53	\$29,500.00	\$32,300.53	(\$37.50)	-0.1%
2,500	1,000,000	\$103,094.28	\$49,166.67	\$53,927.61	\$103,031.78	\$49,166.67	\$53,865.11	(\$62.50)	-0.1%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (1)	kWh x	\$0.00742
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (2)	kWh x	\$0.00736
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kW x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$9,829.70	\$4,916.67	\$4,913.03	\$9,823.45	\$4,916.67	\$4,906.78	(\$6.25)	-0.1%
750	375,000	\$36,988.81	\$18,437.50	\$18,551.31	\$36,965.38	\$18,437.50	\$18,527.88	(\$23.43)	-0.1%
1,000	500,000	\$49,333.86	\$24,583.33	\$24,750.53	\$49,302.61	\$24,583.33	\$24,719.28	(\$31.25)	-0.1%
1,500	750,000	\$74,023.97	\$36,875.00	\$37,148.97	\$73,977.09	\$36,875.00	\$37,102.09	(\$46.88)	-0.1%
2,500	1,250,000	\$123,404.17	\$61,458.33	\$61,945.84	\$123,326.05	\$61,458.33	\$61,867.72	(\$78.12)	-0.1%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (1)	kWh x	\$0.00742
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.04720

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (2)	kWh x	\$0.00736
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$11,454.49	\$5,900.00	\$5,554.49	\$11,446.99	\$5,900.00	\$5,546.99	(\$7.50)	-0.1%
750	450,000	\$43,081.78	\$22,125.00	\$20,956.78	\$43,053.66	\$22,125.00	\$20,928.66	(\$28.12)	-0.1%
1,000	600,000	\$57,457.82	\$29,500.00	\$27,957.82	\$57,420.32	\$29,500.00	\$27,920.32	(\$37.50)	-0.1%
1,500	900,000	\$86,209.91	\$44,250.00	\$41,959.91	\$86,153.66	\$44,250.00	\$41,903.66	(\$56.25)	-0.1%
2,500	1,500,000	\$143,714.07	\$73,750.00	\$69,964.07	\$143,620.32	\$73,750.00	\$69,870.32	(\$93.75)	-0.1%

Present Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (1)	kWh x	\$0.00742
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.04720

Proposed Rates

Customer Charge		\$825.00
RE Growth Factor		\$17.78
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.97
Transmission Energy Charge	kWh x	\$0.01047
Distribution Demand Charge - > 200 kW	kW x	\$4.44
Distribution Energy Charge (2)	kWh x	\$0.00736
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$86,964.38	\$29,500.00	\$57,464.38	\$86,926.88	\$29,500.00	\$57,426.88	(\$37.50)	0.0%
5,000	1,000,000	\$132,893.55	\$49,166.67	\$83,726.88	\$132,831.05	\$49,166.67	\$83,664.38	(\$62.50)	0.0%
7,500	1,500,000	\$190,305.00	\$73,750.00	\$116,555.00	\$190,211.25	\$73,750.00	\$116,461.25	(\$93.75)	0.0%
10,000	2,000,000	\$247,716.46	\$98,333.33	\$149,383.13	\$247,591.46	\$98,333.33	\$149,258.13	(\$125.00)	-0.1%
20,000	4,000,000	\$477,362.30	\$196,666.67	\$280,695.63	\$477,112.30	\$196,666.67	\$280,445.63	(\$250.00)	-0.1%

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	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (1)	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (2)	kWh x	\$0.00114
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$110,426.88	\$44,250.00	\$66,176.88	\$110,370.63	\$44,250.00	\$66,120.63	(\$56.25)	-0.1%
5,000	1,500,000	\$171,997.71	\$73,750.00	\$98,247.71	\$171,903.96	\$73,750.00	\$98,153.96	(\$93.75)	-0.1%
7,500	2,250,000	\$248,961.25	\$110,625.00	\$138,336.25	\$248,820.63	\$110,625.00	\$138,195.63	(\$140.62)	-0.1%
10,000	3,000,000	\$325,924.79	\$147,500.00	\$178,424.79	\$325,737.29	\$147,500.00	\$178,237.29	(\$187.50)	-0.1%
20,000	6,000,000	\$633,778.96	\$295,000.00	\$338,778.96	\$633,403.96	\$295,000.00	\$338,403.96	(\$375.00)	-0.1%

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	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (1)	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (2)	kWh x	\$0.00114
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$133,889.38	\$59,000.00	\$74,889.38	\$133,814.38	\$59,000.00	\$74,814.38	(\$75.00)	-0.1%
5,000	2,000,000	\$211,101.87	\$98,333.33	\$112,768.54	\$210,976.87	\$98,333.33	\$112,643.54	(\$125.00)	-0.1%
7,500	3,000,000	\$307,617.50	\$147,500.00	\$160,117.50	\$307,430.00	\$147,500.00	\$159,930.00	(\$187.50)	-0.1%
10,000	4,000,000	\$404,133.13	\$196,666.67	\$207,466.46	\$403,883.13	\$196,666.67	\$207,216.46	(\$250.00)	-0.1%
20,000	8,000,000	\$790,195.62	\$393,333.33	\$396,862.29	\$789,695.62	\$393,333.33	\$396,362.29	(\$500.00)	-0.1%

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	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (1)	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (2)	kWh x	\$0.00114
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$157,351.88	\$73,750.00	\$83,601.88	\$157,258.13	\$73,750.00	\$83,508.13	(\$93.75)	-0.1%
5,000	2,500,000	\$250,206.05	\$122,916.67	\$127,289.38	\$250,049.80	\$122,916.67	\$127,133.13	(\$156.25)	-0.1%
7,500	3,750,000	\$366,273.75	\$184,375.00	\$181,898.75	\$366,039.38	\$184,375.00	\$181,664.38	(\$234.37)	-0.1%
10,000	5,000,000	\$482,341.46	\$245,833.33	\$236,508.13	\$482,028.96	\$245,833.33	\$236,195.63	(\$312.50)	-0.1%
20,000	10,000,000	\$946,612.30	\$491,666.67	\$454,945.63	\$945,987.30	\$491,666.67	\$454,320.63	(\$625.00)	-0.1%

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	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (1)	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (2)	kWh x	\$0.00114
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/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	\$180,814.38	\$88,500.00	\$92,314.38	\$180,701.88	\$88,500.00	\$92,201.88	(\$112.50)	-0.1%
5,000	3,000,000	\$289,310.21	\$147,500.00	\$141,810.21	\$289,122.71	\$147,500.00	\$141,622.71	(\$187.50)	-0.1%
7,500	4,500,000	\$424,930.00	\$221,250.00	\$203,680.00	\$424,648.75	\$221,250.00	\$203,398.75	(\$281.25)	-0.1%
10,000	6,000,000	\$560,549.79	\$295,000.00	\$265,549.79	\$560,174.79	\$295,000.00	\$265,174.79	(\$375.00)	-0.1%
20,000	12,000,000	\$1,103,028.96	\$590,000.00	\$513,028.96	\$1,102,278.96	\$590,000.00	\$512,278.96	(\$750.00)	-0.1%

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	\$0.01378
Distribution Demand Charge	kW x	\$3.81
Distribution Energy Charge (1)	kWh x	\$0.00120
Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Proposed Rates

Customer Charge		\$17,000.00
RE Growth Factor		\$347.07
LIHEAP Charge		\$0.73
Transmission Demand Charge	kW x	\$3.22
Transmission Energy Charge	kWh x	\$0.01378
Distribution Demand Charge	kW x	\$3.81
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Transition Energy Charge	kWh x	(\$0.00058)
Energy Efficiency Program Charge	kWh x	\$0.01107
Renewable Energy Distribution Charge	kWh x	\$0.00241
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.04720

Note (1): includes current RDM Adjustment Factor of 0.091¢/kWh

Note (2): includes the proposed RDM Adjustment Factor of 0.085¢/kWh