

May 15, 2013

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02889

RE: National Grid's Electric Revenue Decoupling Mechanism ("RDM") Reconciliation Filing for the Year Ending March 31, 2013
Docket No. _____

Dear Ms. Massaro:

On behalf of National Grid¹, I am submitting the Company's annual RDM revenue reconciliation for the 12-month period ending March 31, 2013. This filing is submitted pursuant to the Company's RDM Provision R.I.P.U.C. No. 2073, which was approved by the Rhode Island Public Utilities Commission in Docket No. 4206. Pursuant to the RDM provision applicable to its electric operations, the Company is required to submit its annual RDM revenue reconciliation by May 15 of each year. The reconciliation compares the Annual Target Revenue to actual billed distribution revenue for the RDM year.

Enclosed is the testimony and schedules of Ms. Nancy Ribot, describing the RDM provision and the reconciliation. The RDM reconciliation amount for the 12-month period ending March 31, 2013 is an over-collection of approximately \$3.4 million, resulting in an RDM Adjustment Factor that is a credit of \$0.00044 per kWh applicable to all customers, effective July 1, 2013. The impact of the RDM adjustment factor proposed in this filing on a typical residential customer using 500 kWhs per month is a decrease of \$0.15, or about 0.2%.

Thank you for your attention to this transmission. If you have any questions please feel free to contact me at (401)784-7667.

Very truly yours,



Thomas R. Teehan

Cc: Leo Wold, Esq.
Steve Scialabba, Division

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

National Grid

The Narragansett Electric Company

2013 Electric Revenue Decoupling
Mechanism Reconciliation Filing

Consisting of the
Direct Testimony and Schedules of
Nancy Ribot

May 2013

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

Submitted by:

nationalgrid

**Testimony of
Nancy Ribot**

DIRECT TESTIMONY

OF

NANCY RIBOT

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1 **I. Introduction and Qualifications**

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

3 A. My name is Nancy Ribot 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 for Electric Pricing, New England in the Regulation and Pricing
8 group of National Grid USA Service Company, Inc. This department provides rate
9 related support to The Narragansett Electric Company d/b/a National Grid (“National
10 Grid” or “Company”).

11
12 **Q. Please describe your educational background.**

13 A. In 2000, I graduated from Fitchburg State University in Fitchburg, MA with a Bachelor
14 of Science Degree in Accounting.

15
16 **Q. Please describe your professional experience?**

17 A. From 1995 to 1998, I was employed by National Quality Assurance, USA as Junior
18 Accountant. From 1999 to 2000, I held a position as a Cost Accountant at Avery
19 Dennison Corporation. In 2001, I was employed by PriceWaterhouseCoopers as an
20 Associate Auditor. From 2002 to 2007, I was employed as a Senior Accountant at the
21 DCU Center in Worcester, MA. In 2007, I obtained a position at National Grid as an

1 accounting analyst for Niagara Mohawk Power Corporation. In 2008, I transferred to the
2 Company's New England Electric Pricing Department. In 2011, I was promoted to
3 Senior Analyst. My responsibilities include providing support for The Narragansett
4 Electric Company's filings regarding its electric operations.

5
6 **Q. Have you previously testified before the Rhode Island Public Utilities Commission**
7 **("Commission")?**

8 A. Yes. I have testified in reference to the FY 2012 Electric Infrastructure, Safety and
9 Reliability ("ISR") Plan Reconciliation Filing, R.I.P.U.C. Docket No. 4218, and the FY
10 2014 ISR Plan, R.I.P.U.C. Docket No. 4382.

11
12 **II. Purpose of Testimony**

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

14 A. This filing is submitted in compliance with R.I.G.L. §39-1-27.7.1 (the "Decoupling Act")
15 and pursuant to the Company's Revenue Decoupling Mechanism ("RDM") Provision,
16 R.I.P.U.C. No. 2073, approved by the Commission in R.I.P.U.C. Docket No. 4206. The
17 purpose of my testimony is to present the Company's RDM reconciliation for the year
18 ending March 31, 2013, to propose an RDM adjustment (credit) factor of \$0.00044 per
19 kWh, applicable to all customers, effective July 1, 2013, and to present the status of the
20 refund of the FY 2012 RDM Reconciliation over recovery.

1 Finally, the Company is also requesting Commission approval to include the Company's
2 2011 Service Quality Penalty of \$184,000 in the calculation of the RDM adjustment
3 factor. The proposed RDM adjustment (credit) factor of \$0.00044 per kWh is inclusive
4 of this amount.

5
6 **Q. Is the Company proposing changes to its Summary of Retail Delivery Service Rates,
7 R.I.P.U.C. Tariff No. 2095?**

8 A. No, not at this time. The Company will be proposing a new Long-Term Contracting for
9 Renewable Energy Recovery ("LTCRER") Factor in a separate filing. If approved by the
10 Commission, both the LTCRER Factor and the RDM Adjustment Factor proposed in this
11 filing will be effective July 1, 2013. Therefore, the Company will file its Summary of
12 Retail Delivery Service Rates incorporating all rate changes effective July 1, 2013 once
13 the Commission has ruled on these proposals.

14
15 **III. RDM Reconciliation**

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

17 A. Pursuant to the RDM Provision, the Company is required to submit its annual RDM
18 reconciliation by May 15 of each year. The Company's RDM reconciliation compares
19 the Annual Target Revenue ("ATR") to actual billed distribution revenue for the same
20 twelve month period. The "RDM Reconciliation Amount" is the difference (either
21 positive or negative) between the actual billed distribution revenue and the ATR for the

1 RDM Year. The RDM Reconciliation Amount (either positive or negative), including
2 interest at the rate paid on customer deposits, determines the RDM Adjustment Factor.
3 The RDM Adjustment Factor is a uniform per kWh charge applicable to all customers
4 and is effective for usage on and after July 1.

5
6 **IV. RDM Reconciliation for Year Ending March 31, 2013**

7 **A. Annual Target Revenue**

8 **Q. Please describe the Company's ATR.**

9 A. The ATR is the annual distribution revenue requirement for the applicable period as
10 approved by the Commission in a general rate case, less any adjustments to that revenue
11 requirement that have been approved by the Commission. The ATR for the RDM Year
12 ending March 31, 2013 ("2013 RDM Year") is \$231.0 million as shown on Page 1,
13 Section 1 of Schedule NR-1.

14
15 **Q. How is the ATR calculated?**

16 A. The calculation of the ATR is shown on Schedule NR-1, pages 2 through 4. During the
17 2013 RDM Year, the Company's approved annual distribution revenue requirement
18 changed three times. Therefore, the FY 2013 ATR shown on Schedule NR-1, page 1, of
19 \$231.0 million is comprised of a prorated share of each of the three annual revenue
20 requirements.

1 The ATR in effect for the period April 1, 2012 through April 22, 2012 is comprised of
2 the Company's annual distribution revenue requirement of \$230,771,000 as approved by
3 the Commission in R.I.P.U.C. Docket No. 4065¹, less an adjustment of \$6,549,368,
4 representing exclusion of the Vegetation Management ("VM") and Inspection and
5 Maintenance ("I&M") Operations & Maintenance ("O&M") Expense included in base
6 rates in Docket No. 4065. This amount is removed as the costs it represents are
7 recoverable through the ISR Plan.

8
9 As of April 23, 2012, and as approved by the Commission in R.I.P.U.C. Docket No.
10 4065, the ATR was increased by \$3,195,027 resulting from the settlement between the
11 Division of Public Utilities and Carries and the Company in Docket No. 4065 (Remand –
12 Review of Capital Structure Settlement Agreement). As a result of this settlement and
13 the Commission's approval of the settlement, the Company's revenue requirement and
14 base distribution rates increased. This adjustment reflects the impact of that approval.

15
16 The ATR in effect as of February 1, 2013 reflects the Company's annual distribution
17 revenue requirement of \$251,173,000, as approved by the Commission in R.I.P.U.C.
18 Docket No. 4323².

19
20 For reference, schedules supporting the Capital Structure Remand adjustment and the

¹ Schedule NG-HSG-4(C)-2nd Amended, page 2, line 67

² R.I.P.U.C. Docket No. 4323, Compliance Filing, Attachment 3B (Schedule JAL-1), page 1, line 45.

1 Docket No. 4323 revenue requirement are attached as Schedules NR-2 and 3,
2 respectively.

3
4 **Q. Why has the Company excluded the VM and I&M expense from the ATR approved**
5 **in Docket No. 4065?**

6 A. In R.I.P.U.C. Docket No. 4218, the Commission approved the Company's ISR
7 Mechanism which includes a provision to recover the approved VM and I&M O&M
8 expense through a separate reconciling O&M factor outside of base distribution rates.
9 The initial O&M factors effective April 1, 2011 were designed to collect a total of \$9.2
10 million, which included the \$6.5 million of VM and I&M O&M expense that was
11 included in the revenue requirement approved in Docket No. 4065. Also effective April
12 1, 2011, the Company made a permanent reduction to base distribution rates to remove
13 the \$6.5 million in order to avoid double recovery of this amount through both the base
14 distribution charges and the O&M factors. Consequently, the ATR was reduced by \$6.5
15 million to reflect this reduction to base distribution charges.

16
17 **Q. Has the Company made any other adjustments to the ATR for the 2013 RDM Year?**

18 A. No, it has not.

19
20 **B. Billed Distribution Revenue**

21 **Q. What is the annual billed distribution revenue for the 2013 RDM Year?**

1 A. As shown on Schedule NR-1, Page 1, Line 1, the annual billed distribution revenue for
2 the 2013 RDM Year is \$234.1 million.

3
4 **Q. What is included in the annual billed distribution revenue?**

5 A. Billed distribution revenue consists of revenue generated from the Company's base
6 distribution rates, such as customer charges, distribution energy charges, distribution
7 demand charges, high voltage metering and delivery credits under the Company's general
8 service rate classes, paperless bill credit, and luminaire and pole charges under the
9 Company's street and area lighting rates. Essentially, billed distribution revenue is the
10 equivalent of the revenue that supports the Company's base distribution cost of service.
11 The monthly billed distribution revenue for the 2013 RDM Year is included in Schedule
12 NR-1, Page 5.

13
14 **C. RDM Reconciliation Amount**

15 **Q. What is the RDM Reconciliation Amount for the 2013 RDM Year?**

16 A. The RDM Reconciliation Amount for the year ending March 31, 2013 is an over
17 collection of \$3.2 million, as shown on Schedule NR-1, Page 1, Section 1. This amount
18 includes \$42,200 of interest calculated using the rate of interest paid on customer deposits
19 during the 2013 RDM Year.

20 **D. RDM Adjustment Factor**

21 **Q. Please explain the calculation of the RDM Adjustment Factor.**

1 A. The calculation of the RDM Adjustment Factor is shown on Schedule NR-1, Page 1,
2 Section 2. The RDM Adjustment Factor is designed to refund the RDM Reconciliation
3 Amount plus estimated interest during the refund period. The calculation of estimated
4 interest during the refund period is shown on Schedule NR-1, Page 7. The Company is
5 proposing to refund the 2011 Service Quality Penalty of \$184,000 in combination with
6 the RDM Reconciliation over recovery. For reference, a schedule supporting the Docket
7 No. 3628 2011 Service Quality Penalty is attached as Schedule NR-4. The total
8 reconciliation amount, including estimated interest during the refund period and plus the
9 2011 Service Quality Penalty, results in a total refund due to customers of approximately
10 \$3.4 million, as shown on Schedule NR-1, line 10. The total refund due to customers is
11 divided by forecasted kilowatt-hour deliveries for the period July 1, 2013 through June
12 30, 2014. The resulting per kilowatt-hour RDM Adjustment (Credit) factor is
13 (\$0.00044).

14
15 **V. RDM Reconciliation for Year Ending March 31, 2012**

16 **Q. What is the status of the FY 2012 RDM Reconciliation over recovery?**

17 A. The status of the FY 2012 RDM Reconciliation over recovery is shown on Schedule NR-
18 1, page 8. Of the amount to be credited to customers of \$1,117,450, the balance
19 remaining at March 31, 2013 is \$318,449. The currently effective RDM Adjustment
20 Factor will expire on June 30, 2013. The residual balance, either positive or negative, as
21 of June 30, 2013, plus applicable interest, will be refunded to or collected from customers

1 in conjunction with the FY 2014 RDM Adjustment Factor.

2

3 **VI. Typical Bill Analysis**

4 **Q. Has the Company provided a typical bill analysis to illustrate the impact of the**
5 **proposed RDM Adjustment Factor?**

6 A. Yes. The typical bill analysis is contained in Schedule NR-5. The impact of the
7 proposed RDM Adjustment Factor on a typical residential customer using 500 kWh per
8 month is a decrease of \$0.15, from \$80.50 to \$80.35, or 0.2%.

9

10 **VII. Conclusion**

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

12 A. Yes, it does.

**Schedules of
Nancy Ribot**

Schedules of Nancy Ribot

Schedule NR-1	Revenue Decoupling Mechanism Reconciliation
Schedule NR-2	Docket No. 4065 – Capital Structure Settlement Agreement
Schedule NR-3	Docket No. 4323 – Annual Target Revenue
Schedule NR-4	Docket No. 3628 - 2011 Results of Service Quality Plan
Schedule NR-5	Typical Bills

Schedule NR-1

Revenue Decoupling Mechanism Reconciliation

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation
For the Period April 1, 2012 through March 31, 2013

Section 1: Summary of FY 2013 RDM Reconciliation

1	Billed Revenue	\$234,088,246
2	Prorated FY2013 Base Distribution Revenue Requirement	\$230,960,412
3	Subtotal	<hr/> \$3,127,834
4	Interest	\$42,200
5	FY2013 Over Collection Including Interest	<hr/> \$3,170,033

Section 2: RDM Adjustment Factor Calculation

6	RDM Reconciliation - Over Collection	\$3,170,033
7	Plus: Estimated Interest During Refund Period	\$43,107
8	Total Over Collection Including Interest	<hr/> \$3,213,140
9	2011 Service Quality Plan Penalty	\$184,000
10	Total RDM Over Collection and 2011 Service Quality Plan Penalty	<hr/> \$3,397,140
11	Forecasted July 1, 2013 - June 30, 2014 kWh Deliveries	<hr/> 7,634,597,128
12	Proposed RDM Adjustment Credit Factor	<hr/> <hr/> (\$0.00044)

Line Descriptions:

- 1 from Page 5
- 2 from Page 2
- 3 Line 1 - Line 2
- 4 from Page 6
- 5 Line 3 + Line 4
- 6 Line 5
- 7 per Page 7
- 8 Line 6 + Line 7
- 9 Schedule NR-4 Column (i)
- 10 Line 8 + Line 9
- 11 per Company forecast
- 12 $[\text{Line 10} \div \text{Line 11}] \times -1$; truncated to 5 decimal places

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation
Calculation of FY 2013 Annual Target Revenue

	Target Revenue per Docket No. 4065 <u> </u> (a)	Annual Target Revenue per Docket No. 4323 (effective 2/1/2013) <u> </u> (b)	FY2013 Annual Target Revenue <u> </u> (c)
Apr-12	\$17,994,970		\$17,994,970
May-12	\$16,366,781		\$16,366,781
Jun-12	\$17,541,535		\$17,541,535
Jul-12	\$20,806,684		\$20,806,684
Aug-12	\$22,567,553		\$22,567,553
Sep-12	\$19,954,158		\$19,954,158
Oct-12	\$17,911,319		\$17,911,319
Nov-12	\$17,301,173		\$17,301,173
Dec-12	\$18,540,884		\$18,540,884
Jan-13	\$20,941,274		\$20,941,274
Feb-13		\$20,593,609	\$20,593,609
Mar-13		\$20,440,472	\$20,440,472
Total	<u>\$189,926,331</u>	<u>\$41,034,081</u>	<u>\$230,960,412</u>

Column Descriptions:

- (a) per Page 3, Section 1, Column (e)
- (b) per Page 4, Section 1, Column (a)
- (c) Column (a) + Column (b)

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation

Calculation of Monthly Target Revenue per Docket No. 4065 & 4218

Section 1: Monthly Target Revenue per R.I.P.U.C. Docket No. 4065:

	Target Revenue per Docket No. 4065 (effective 4/1/2011)	Adjustment for Vegetation Management (effective 4/1/2011)	Capital Structure Remand (effective 4/23/2012)	Adjustments	Annual Target Revenue
	(a)	(b)	(c)	(d)	(e)
1	Apr-12	\$18,450,482	(\$523,632)	\$255,447	\$17,994,970
2	May-12	\$16,608,187	(\$471,347)	\$229,941	\$16,366,781
3	Jun-12	\$17,800,269	(\$505,178)	\$246,445	\$17,541,535
4	Jul-12	\$21,113,578	(\$599,211)	\$292,318	\$20,806,684
5	Aug-12	\$22,900,419	(\$649,923)	\$317,057	\$22,567,553
6	Sep-12	\$20,248,477	(\$574,659)	\$280,340	\$19,954,158
7	Oct-12	\$18,175,507	(\$515,828)	\$251,640	\$17,911,319
8	Nov-12	\$17,556,361	(\$498,256)	\$243,068	\$17,301,173
9	Dec-12	\$18,814,357	(\$533,959)	\$260,485	\$18,540,884
10	Jan-13	\$21,250,153	(\$603,087)	\$294,209	\$20,941,274
11	Feb-13	\$19,367,471	(\$549,656)	\$268,143	\$19,085,957
12	Mar-13	\$18,485,739	(\$524,632)	\$255,935	\$18,217,042
13	Total Target Revenue	\$230,771,000	(\$6,549,368)	\$3,195,027	\$227,229,331
				(\$187,328)	

Column Descriptions:

- (a) per Section 2
- (b) Adjustment for Vegetation Management O&M Expense and Inspection & Maintenance O&M Expense. Total per Docket No. 4218, Section 7: Rate Design - Revised, Page 4, Line 3. Monthly allocation = [Column (a) ÷ Column (a) Total] x Column (b) Total.
- (c) Total per Docket No. 4065, Capital Structure Remand (Filed March 2012), Appendix A, Line 34. Monthly allocations = [Column (a) ÷ Column (a) Total] x Column (c) Total. Reference hereto attached as Schedule NR-2.
- (d) Adjustment for CapEx Remand effective 4/23/12: [(Column (c) ÷ 30 days] x 22 days)
- (e) Column (a) + Column (b) + Column (c) + Column (d)

Section 2: Calculation of Monthly Annual Target Revenue per Docket No. 4065 (Prior to Capital Structure Remand)

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
14	Total Monthly Rate Year kWhs	705,631,372	643,115,122	613,836,408	612,665,654	591,074,704	701,096,266	760,430,006	672,369,772	603,534,840	582,975,524	624,748,468
15	Monthly kWhs as % of Total kWhs	9.2%	8.4%	8.0%	8.0%	7.2%	7.7%	9.1%	8.8%	7.9%	7.6%	8.2%
16	Annual Target Revenue	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000	\$230,771,000
17	Allocated Monthly Annual Target Revenue	\$21,250,153	\$19,367,471	\$18,485,739	\$18,450,482	\$16,608,187	\$21,113,578	\$22,900,419	\$20,248,477	\$18,175,507	\$17,556,361	\$18,814,357

Line Descriptions:

- 1-13 per Line 17
- 14 per R.I.P.U.C. Docket No. 4065, Schedule NG-HSG-6 (C) - 2nd Amended, page 12, Lines 1 through 7
- 15 Line 14 ÷ Line 14 Total

- 16 per R.I.P.U.C. Docket No. 4065, Schedule NG-HSG-4 (C) - 2nd Amended, page 2, Line 67.
- 17 Line 14 x Line 15

The Narragansett Electric Company
 Revenue Decoupling Mechanism Reconciliation

Calculation of Monthly Target Revenue per Docket No. 4323

Section 1: Monthly Target Revenue per R.I.P.U.C. Docket No. 4323:

	Target Revenue per Docket No. 4323 (effective 2/1/2013)
(a)	
1 Feb-13	\$20,593,609
2 Mar-13	\$20,440,472
3 Apr-13	\$20,015,029
4 May-13	\$18,401,487
5 Jun-13	\$19,838,090
6 Jul-13	\$23,347,282
7 Aug-13	\$24,159,219
8 Sep-13	\$22,479,060
9 Oct-13	\$19,846,887
10 Nov-13	\$19,078,023
11 Dec-13	\$21,144,507
12 Jan-14	\$21,829,337
13 Total Target Revenue	\$251,173,000

Column Descriptions:
 (a) per Section 2

Section 2: Calculation of Monthly Annual Target Revenue per Docket No. 4323

	Total	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14
14 Total Adjusted Monthly Rate Year kWhs	7,852,421,313	643,817,998	639,030,450	625,729,829	575,285,676	620,198,184	729,906,059	755,289,639	702,762,824	620,473,206	596,436,211	661,040,707	682,450,532
15 Monthly kWhs as % of Total kWhs	100.0%	8.2%	8.1%	8.0%	7.3%	7.9%	9.3%	9.6%	8.9%	7.9%	7.6%	8.4%	8.7%
16 Annual Target Revenue	\$ 251,173,000												
17 Allocated Monthly Annual Target Revenue	\$ 251,173,000	\$ 20,593,609	\$ 20,440,472	\$ 20,015,029	\$ 18,401,487	\$ 19,838,090	\$ 23,347,282	\$ 24,159,219	\$ 22,479,060	\$ 19,846,887	\$ 19,078,023	\$ 21,144,507	\$ 21,829,337

Line Descriptions:

1-13 per Line 17
 14 per R.I.P.U.C. Docket No. 4323, Compliance (Book 2) Attachment 3D, Schedule JAL-4, page 13, column (h), Lines 1 through 7
 15 Line 14 ÷ Line 14 Total

16 per R.I.P.U.C. Docket No. 4323, Compliance (Book 2) Attachment 3B (Schedule JAL-1), page 1, Line 45;
 Hereto attached as Schedule NR-3.
 17 Line 15 x Line 16

The Narragansett Electric Company
Revenue Decoupling Mechanism Reconciliation
For the Period April 1, 2012 through March 31, 2013

Revenue Billed by Revenue Type and Month

Revenue Type	Apr-12 (a)	May-12 (b)	Jun-12 (c)	Jul-12 (d)	Aug-12 (e)	Sep-12 (f)	Oct-12 (g)	Nov-12 (h)	Dec-12 (i)	Jan-13 (j)	Feb-13 (k)	Mar-13 (l)	Apr-13 (m)	Grand Total (n)
Section I: FY2013 RDM Revenue														
Customer Charge	\$1,682,607	\$3,947,092	\$3,985,838	\$3,748,573	\$3,877,156	\$3,956,438	\$3,866,562	\$4,026,104	\$3,771,471	\$3,954,685	\$4,354,512	\$4,690,881	\$2,719,794	\$48,581,714
Lighting Equipment	\$378,442	\$843,663	\$740,972	\$928,810	\$844,755	\$872,782	\$816,007	\$816,095	\$844,353	\$941,236	\$934,039	\$916,973	\$624,553	\$10,502,680
Second Feeder Service	\$18,509	\$44,044	\$44,044	\$44,044	\$44,044	\$44,044	\$44,044	\$44,044	\$44,044	\$44,044	\$31,581	\$63,364	\$29,029	\$538,879
Back-Up Distribution	(\$282)	(\$602)	(\$736)	(\$638)	(\$701)	(\$2,918)	(\$1,297)	(\$1,136)	(\$1,136)	(\$1,136)	(\$1,148)	(\$881)	(\$62)	(\$11,878)
Distribution Optional Demand	(\$437)	\$497	(\$2,840)	\$190	\$166	\$181	\$156	\$156	\$1,460	(\$252)	\$0	\$0	\$293	(\$430)
Distribution Demand Charge	\$846,869	\$2,084,181	\$2,296,293	\$2,426,985	\$2,413,404	\$2,436,257	\$2,173,367	\$2,158,189	\$1,946,276	\$2,023,183	\$2,500,648	\$2,594,839	\$1,488,932	\$27,389,422
Supplemental Distribution	\$13,805	\$36,953	\$36,762	\$42,592	\$41,317	\$40,088	\$36,317	\$37,142	\$37,916	\$35,633	\$38,119	\$45,637	\$26,260	\$468,541
Transformer Ownership	(\$34,478)	(\$82,435)	(\$86,943)	(\$92,310)	(\$91,856)	(\$94,216)	(\$85,250)	(\$79,979)	(\$78,797)	(\$73,761)	(\$91,214)	(\$82,158)	(\$46,291)	(\$1,019,688)
Distribution kWh Charge	\$4,496,990	\$9,695,932	\$11,140,362	\$14,326,576	\$16,417,152	\$14,460,671	\$10,444,208	\$10,186,952	\$12,072,655	\$13,320,740	\$12,899,678	\$11,819,407	\$6,597,458	\$147,878,781
Minimum Bill Provision	\$1,168	\$2,224	\$2,085	\$2,177	\$2,594	\$2,501	\$2,177	\$3,380	\$2,788	\$2,862	\$2,686	\$2,810	\$1,638	\$31,090
Paperless Billing Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$19,543)	(\$26,815)	(\$15,815)	(\$62,173)
1% High Voltage Metering Credit	(\$6,994)	(\$16,805)	(\$16,983)	(\$15,508)	(\$17,170)	(\$17,515)	(\$16,153)	(\$15,346)	(\$15,763)	(\$15,432)	(\$23,964)	(\$19,190)	(\$11,869)	(\$208,692)
Total	\$7,396,198	\$16,554,743	\$18,138,854	\$21,411,490	\$23,530,861	\$21,698,314	\$17,280,139	\$17,175,601	\$18,625,269	\$20,231,802	\$20,625,395	\$20,005,660	\$11,413,921	\$234,088,246

Section II: FY2012 RDM Refund
RDM Adjustment Factor

	\$0	\$0	\$0	\$0	(\$111,394)	(\$104,104)	(\$79,999)	(\$78,670)	(\$86,757)	(\$93,003)	(\$94,373)	(\$85,223)	(\$48,629)	(\$822,789)
--	-----	-----	-----	-----	-------------	-------------	------------	------------	------------	------------	------------	------------	------------	-------------

**FY2013 Revenue Decoupling Mechanism Reconciliation
Over Recovery Incurred April 2012 through March 2013
To Be Refunded to Customers July 2013 through June 2014**

	Mo-Yr	Over (Under) Beginning Balance	Revenue Billed	Annual Target Revenue	Over (Under) Ending Balance
		(a)	(b)	(c)	(d)
(1)	Apr-12	\$0	\$7,396,198	\$17,994,970	(\$10,598,771)
	May-12	(\$10,598,771)	\$16,554,743	\$16,366,781	(\$10,410,809)
	Jun-12	(\$10,410,809)	\$18,138,854	\$17,541,535	(\$9,813,490)
	Jul-12	(\$9,813,490)	\$21,411,490	\$20,806,684	(\$9,208,684)
	Aug-12	(\$9,208,684)	\$23,530,861	\$22,567,553	(\$8,245,377)
	Sep-12	(\$8,245,377)	\$21,698,314	\$19,954,158	(\$6,501,221)
	Oct-12	(\$6,501,221)	\$17,280,139	\$17,911,319	(\$7,132,402)
	Nov-12	(\$7,132,402)	\$17,175,601	\$17,301,173	(\$7,257,973)
	Dec-12	(\$7,257,973)	\$18,625,269	\$18,540,884	(\$7,173,588)
	Jan-13	(\$7,173,588)	\$20,231,802	\$20,941,274	(\$7,883,061)
	Feb-13	(\$7,883,061)	\$20,625,395	\$20,593,609	(\$7,851,275)
	Mar-13	(\$7,851,275)	\$20,005,660	\$20,440,472	(\$8,286,087)
(2)	Apr-13	(\$8,286,087)	\$11,413,921		\$3,127,834
	Totals	\$0	\$234,088,246	\$230,960,412	\$3,127,834
(3)	Interest				\$42,200
	Total Over Recovery				\$3,170,033

Column Descriptions:

- (a) Previous month column (d)
- (b) per Page 5
- (c) per Page 2
- (d) column (a) + column (b) - column (c)

Line Descriptions:

- (1) prorated for usage on and after April 1st
- (2) prorated for usage prior to April 1st
- (3) [(Beginning balance of \$0 + Ending Balance of \$3,127,834) ÷ 2] x (2.78% x 11/12) x (1.8% x 1/12)

The Narragansett Electric Company
Calculation of Estimated Interest During Refund Period
Rate Effective July 1, 2013 through June 30, 2014
For Over Recovery Incurred April 1, 2012 through March 31, 2013

	Over(Under) Beginning Balance	Charge(Credit)	Ending Balance	Interest Rate	Interest
	(a)	(b)	(c)	(d)	(e)
Apr-13	\$3,170,033		\$3,170,033	1.80%	\$4,755
May-13	\$3,174,789		\$3,174,789	1.80%	\$4,762
Jun-13	\$3,179,551		\$3,179,551	1.80%	\$4,769
Jul-13	\$3,184,320	(\$265,360)	\$2,918,960	1.80%	\$4,577
Aug-13	\$2,923,537	(\$265,776)	\$2,657,761	1.80%	\$4,186
Sep-13	\$2,661,947	(\$266,195)	\$2,395,753	1.80%	\$3,793
Oct-13	\$2,399,546	(\$266,616)	\$2,132,930	1.80%	\$3,399
Nov-13	\$2,136,329	(\$267,041)	\$1,869,288	1.80%	\$3,004
Dec-13	\$1,872,292	(\$267,470)	\$1,604,822	1.80%	\$2,608
Jan-14	\$1,607,430	(\$267,905)	\$1,339,525	1.80%	\$2,210
Feb-14	\$1,341,735	(\$268,347)	\$1,073,388	1.80%	\$1,811
Mar-14	\$1,075,199	(\$268,800)	\$806,399	1.80%	\$1,411
Apr-14	\$807,811	(\$269,270)	\$538,540	1.80%	\$1,010
May-14	\$539,550	(\$269,775)	\$269,775	1.80%	\$607
Jun-14	\$270,382	(\$270,382)	\$0	1.80%	\$203
Total		(\$3,212,938)			\$43,107

Column Descriptions:

- (a) prior month's column (e). Beginning balance per Schedule NR-1, Page 1, Line 6
- (b) For July-2013, (Column (1)) ÷ 12. For Aug-2013, (Column (1)) ÷ 11, etc.
- (c) Column (a) + Column (b)
- (d) Current Rate for Customer Deposits
- (e) [(Column (a) + Column (b)) ÷ 2] x (Column (d)) ÷ 12

**FY2012 Revenue Decoupling Mechanism Reconciliation
Over Recovery Incurred April 2011 through March 2012
Refunded to Customers July 2012 through June 2013**

Mo-Yr	Over (Under) Beginning Balance	Refund	Over (Under) Ending Balance	Interest Balance	Interest Rate	Monthly Interest	Ending Over (Under) Recovery w/ Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Apr-12	\$1,117,450	\$0	\$1,117,450	\$1,117,450	2.78%	\$2,589	\$1,120,039
May-12	\$1,120,039	\$0	\$1,120,039	\$1,120,039	2.78%	\$2,595	\$1,122,634
Jun-12	\$1,122,634	\$0	\$1,122,634	\$1,122,634	2.78%	\$2,601	\$1,125,234
(1) Jul-12	\$1,125,234	(\$40,638)	\$1,084,597	\$1,104,915	2.78%	\$2,560	\$1,087,156
Aug-12	\$1,087,156	(\$111,394)	\$975,763	\$1,031,459	2.78%	\$2,390	\$978,152
Sep-12	\$978,152	(\$104,104)	\$874,048	\$926,100	2.78%	\$2,145	\$876,193
Oct-12	\$876,193	(\$79,999)	\$796,194	\$836,194	2.78%	\$1,937	\$798,132
Nov-12	\$798,132	(\$78,670)	\$719,462	\$758,797	2.78%	\$1,758	\$721,220
Dec-12	\$721,220	(\$86,757)	\$634,463	\$677,841	2.78%	\$1,570	\$636,033
Jan-13	\$636,033	(\$93,003)	\$543,031	\$589,532	2.78%	\$1,366	\$544,396
Feb-13	\$544,396	(\$94,373)	\$450,023	\$497,210	2.78%	\$1,152	\$451,175
Mar-13	\$451,175	(\$85,223)	\$365,952	\$408,563	1.80%	\$613	\$366,565
(2) Apr-13	\$366,565	(\$48,629)	\$317,936	\$342,250	1.80%	\$513	\$318,449
May-13	\$318,449		\$318,449	\$318,449	1.80%	\$478	\$318,927
Jun-13	\$318,927		\$318,927	\$318,927	1.80%	\$478	\$319,405
(3) Jul-13	\$319,405		\$319,405	\$319,405	1.80%		\$319,405
Totals	\$1,117,450	(\$822,789)	\$294,661			\$24,744	\$319,405

Column Descriptions:

- (a) Previous month column (k); beginning balance per
- (b) per Page 5
- (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)

- (1) prorated for usage on and after July 1st
- (2) prorated for usage prior to April 1st
- (3) prorated for usage on and after July 1st

Schedule NR-2

Docket No. 4065 – Capital Structure Settlement Agreement

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RHODE ISLAND PUBLIC UTILITIES COMMISSION

**In Re: The Application of The Narragansett Electric Company d/b/a National Grid
for Approval of a Change in Electric Base Distribution Rates**

Docket 4065

This Settlement Agreement (“Agreement”) is entered into this 2nd day of March 2012, between The Narragansett Electric Company d/b/a National Grid (the “Company”) and the Rhode Island Division of Public Utilities and Carriers (“Division”) (collectively the “Parties”).

WHEREAS, On January 23, 2012, the Rhode Island Supreme Court vacated and remanded to the Rhode Island Public Utilities Commission (“Commission”) that part of the Commission’s report and order in this docket that used the capital structure of National Grid plc along with other information to establish the ratemaking capital structure for the Company;

WHEREAS, the Parties have engaged in a series of discussions and negotiations and wish to resolve through settlement the remaining issue in this docket relating to the capital structure to be utilized to determine the Company’s revenue requirement;

NOW THEREFORE, the Parties agree as follows:

1. Effective April 23, 2012 and prospectively only, until a new capital structure is approved, for the Company, by the Commission in a future electric base rate proceeding, the capital structure utilized to determine the Company’s revenue

requirement recovered in base rates and any other rate mechanism incorporating an approved capital structure, shall be composed of 48.78 percent common equity, 46.05 percent long-term debt, 4.98 percent short term debt, and 0.19 percent preferred stock.

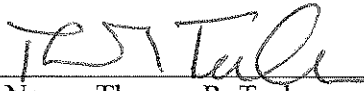
2. Until the completion of the Company's next base rate proceeding, the cost rates for common equity, long-term debt, short term debt and preferred stock to be utilized in determining the Company's weighted average cost of capital will be those approved by the Commission in Docket 4065. Accordingly, the return on common equity will be 9.8 percent. The long-term debt cost rate will be 5.298 percent, the short-term debt cost rate will be 1.600 percent and the preferred stock cost rate will be 4.5 percent.
3. Using the revised capital structure specified in paragraph (1), the resulting weighted average cost of capital becomes 7.31 percent, and the weighted average cost of capital including the income tax gross up factor becomes 9.88 percent. The calculation of these returns is shown on Appendix A to this Settlement Agreement.
4. As shown on Appendix A, the weighted average cost of capital inclusive of the income tax gross up resulting from the Commission's Order in Docket 4065 is 9.30 percent as compared to the 9.88 percent resulting from this Settlement Agreement. This is a difference of 0.58 percent. This return difference of 0.58 percent is multiplied by the rate base of \$550,866,706 approved by the Commission in Docket No. 4065 to obtain the revenue requirement increment of \$3.195 million on an annual basis from the change in capital structure under this Settlement Agreement.
5. The resulting revenue requirement increment of \$3.195 million per year will be allocated to the Company's various rate classes in a manner consistent with the allocations approved in Docket 4065.
6. The parties agree that this Settlement Agreement and the terms and provisions

contained in it shall not endorse or establish any precedent regarding the appropriate method for determining capital structure in any future general base rate or other proceedings, and that this Settlement Agreement does not preclude the Company, Division, or any intervenor from pursuing any theory of determining capital structure in any future general base rate or other proceeding.

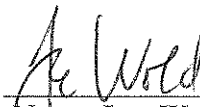
7. The Company will not use the fact of this Settlement Agreement or its terms as a basis for objecting to providing requested information in any future proceeding that pertains to capital structure, including any requested affiliate data.
8. All prior discussions and agreements between the parties with respect to the subject matter hereof are merged in this Settlement Agreement, which alone constitutes the entire agreement between the Parties as to its subject matter. This Agreement may not be amended, modified or terminated except by a written agreement signed by all the Parties.

[SIGNATURE PAGE FOLLOWS]

The Narragansett Electric Company
d/b/a National Grid

By: 
Name: Thomas R. Teehan
Title: Senior Counsel

Rhode Island Division of Public Utilities
and Carriers

By: 
Name: Leo Wold
Title: Assistant Attorney General

Docket 4065
Capital Structure Remand
Appendix A

The Narragansett Electric Company, d/b/a National Grid
Capital Structure Remand
Company/Division Settlement Position

Line No.	Description	Capital Structure	Cost Rate /1	Weighted Return	Taxes	Pre-tax Wghtd Return
1	<u>Company Division Settlement Position</u>					
2						
3	Long Term Debt	46.05%	5.298%	2.44%		2.44%
4						
5	Short Term Debt	4.98%	1.600%	0.08%		0.08%
6						
7	Preferred Stock	0.19%	4.500%	0.01%	0.00%	0.01%
8						
9	Total Common Equity	<u>48.78%</u>	9.800%	<u>4.78%</u>	<u>2.57%</u>	<u>7.35%</u>
10						
11	Total Capitalization	<u>100.00%</u>		<u>7.31%</u>	<u>2.58%</u>	9.88%
12						
13						
14						
15						
16						
17						
18	<u>Docket 4065 Order</u>					
19						
20	Long Term Debt	52.08%	5.298%	2.76%		2.76%
21						
22	Short Term Debt	4.98%	1.600%	0.08%		0.08%
23						
24	Preferred Stock	0.19%	4.500%	0.01%	0.00%	0.01%
25						
26	Total Common Equity	<u>42.75%</u>	9.800%	<u>4.19%</u>	<u>2.26%</u>	<u>6.45%</u>
27						
28	Total Capitalization	<u>100.00%</u>		<u>7.04%</u>	<u>2.26%</u>	9.30%
29						
30						
31						Pre-tax Return Difference
32						<u>0.58%</u>
33						
34						
						Docket 4065 approved Rate Base
						<u>550,866,706</u>
						Pre-tax Return Difference
						<u>3,195,027</u>

/1 As approved in Docket 4065

Schedule NR-3

Docket No. 4323 – Annual Target Revenue

The Narragansett Electric Company
RESULTS OF ALLOCATED COST OF SERVICE STUDY AND REVENUE ALLOCATION

Line	Total	Residential Rate A-16/ A-60	Small C&I Rate C-06	General C&I Rate G-02	200 kW Demand Rate G-32	3000 kW Demand Rate G-62	Lighting Rates S-10/S-14	Propulsion Rate X-01
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
SECTION 1. SUMMARY OF RESULTS OF ALLOCATED COST OF SERVICE STUDY								
1 Rate Base	\$561,738	\$296,490	\$54,542	\$82,460	\$77,651	\$19,545	\$29,286	\$1,764
2								
3 Compliance Rate of Return	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%
4								
5 Return on Rate Base	\$40,277	\$21,258	\$3,911	\$5,912	\$5,568	\$1,401	\$2,100	\$126
6								
7 Operating Expenses (including taxes)	\$219,670	\$115,917	\$21,697	\$31,234	\$29,954	\$7,436	\$12,842	\$590
8								
9 Total Distribution Revenue Requirement	\$259,947	\$137,175	\$25,607	\$37,146	\$35,522	\$8,837	\$14,942	\$717
10								
11 less: Other revenue	\$8,163	\$3,555	\$1,318	\$1,593	\$935	\$477	\$269	\$15
12								
13 Distribution Rate Revenue Requirement	\$251,784	\$133,620	\$24,289	\$35,554	\$34,587	\$8,360	\$14,673	\$702
14								
15 Present Total Distribution Revenue	\$239,023	\$123,070	\$25,514	\$38,676	\$35,317	\$5,527	\$10,426	\$494
16								
17 Present Other Revenue	\$8,147	\$3,547	\$1,317	\$1,591	\$933	\$477	\$268	\$15
18								
19 Present Distribution Rate Revenue	\$230,876	\$119,523	\$24,198	\$37,085	\$34,384	\$5,050	\$10,158	\$479
20								
21 Increase/(Decrease) - Total Dist Revenue	\$20,924	\$14,106	\$93	-\$1,529	\$205	\$3,310	\$4,516	\$223
22								
23 Percentage Increase/(Decrease)	8.8%	11.5%	0.4%	-4.0%	0.6%	59.9%	43.3%	45.1%
24								
SECTION 2. COMPLIANCE REVENUE ALLOCATION								
27 <u>Revenue Requirement @ Equal ROR</u>	\$251,784	\$133,620	\$24,289	\$35,554	\$34,587	\$8,360	\$14,673	\$702
28								
29 A-60 Rate Design Subsidy	-\$6,446	-\$6,446						
30 A-60 subsidy Re-allocated on Dist Rev Req Basis	\$6,446	\$3,421	\$622	\$910	\$886	\$214	\$376	\$18
31 Reallocation of Total A-60 Subsidy	\$0	-\$3,025	\$622	\$910	\$886	\$214	\$376	\$18
32								
33 Revenue Requirement w/ Low Income Subsidy	\$251,784	\$130,595	\$24,911	\$36,464	\$35,472	\$8,574	\$15,048	\$720
34 Increase/(Decrease) incl. Low Income Subsidy	\$20,908	\$11,072	\$713	-\$621	\$1,089	\$3,524	\$4,891	\$241
35								
36 Rev Req (Unconstrained Classes)	\$227,442	\$130,595	\$24,911	\$36,464	\$35,472			
37 % of Unconstrained Rev Req		57.42%	10.95%	16.03%	15.60%			
38								
39 Increase Constraint- 2 x system average						13.1%	17.5%	17.5%
40 Apply Constraint						\$724	\$1,825	\$86
41								
42 Shortfall from Constrained Classes	-\$6,020					-\$2,800	-\$3,066	-\$154
43 Re-allocation of Shortfall on Rev Req	\$6,020	\$3,457	\$659	\$965	\$939			
44 Energy Efficiency Uncollectibles	-\$611	-\$243	-\$47	-\$101	-\$180	-\$34	-\$5	-\$2
45 Revenue Requirement	\$251,173	\$133,809	\$25,524	\$37,328	\$36,232	\$5,740	\$11,977	\$564
46								
47 Increase/(Decrease) - Dist Rate Revenue	\$20,297	\$14,286	\$1,326	\$243	\$1,848	\$690	\$1,819	\$85
48								
49 Increase in Other Revenue	\$16	\$8	\$2	\$2	\$2	\$1	\$1	\$0
50 Recovery of Egy Eff Uncollectibles thru EE rates	\$611	\$243	\$47	\$101	\$180	\$34	\$5	\$2
51								
52 Increase/(Decrease) - Total Dist Revenue	\$20,924	\$14,537	\$1,374	\$346	\$2,030	\$725	\$1,825	\$86
53								
54 Percentage Increase/(Decrease)	8.8%	11.8%	5.4%	0.9%	5.7%	13.1%	17.5%	17.5%
55								
56 Return on Rate Base at Compliance Rates	7.17%	7.32%	9.52%	9.44%	9.52%	(6.06%)	(2.02%)	(0.55%)
57								

59 Notes:

- 60 Line (1): Compliance Attachment 3A, Page 1, Line (10)
- 61 Line (3): Compliance Attachment 3A, Page 1, Line (32)
- 62 Line (5): Line (1) x Line (3)
- 63 Line (7): Compliance Attachment 3A, Page 1, Line (27) + Line (29)
- 64 Line (9): Line (5) + Line (7)
- 65 Line (11): Compliance Attachment 3A, Page 1, Line (17) + Line (18) + Line (19)
- 66 Line (13): Line (9) - Line (11)
- 67 Line (15): Compliance Attachment 3A, Page 1, Line (1)
- 68 Line (17): Compliance Attachment 3A, Page 1, Line (2)
- 69 Line (19): Line (15) - Line (17)
- 70 Line (21): Line (9) - Line (15)
- 71 Line (23): Line (15) ÷ Line (21)
- 72 Line (27): Line (13)
- 73 Line (29): (Compliance Attachment 3D: Page 2, Line (39))
- 74 Line (30): - Line (29) allocated by Distribution Revenue Requirement on Line (13)
- 75 Line (31): Line (29) + Line (30)

- Line (33): Line (27) + Line (31)
- Line (34): Line (33) - Line (19)
- Line (36): Line (33) for unconstrained classes
- Line (37): Line (36) + Line (36) Total
- Line (39): Constraint: Column (f) Line (23) Total x 1.5, Columns (g) and (h) Line (23) Total x 2
- Line (40): Line (15) x Line (39) for constrained classes
- Line (42): Line (40) - Line (34)
- Line (43): Line (37) x Line (42) Total for unconstrained classes
- Line (44): Energy Efficiency Uncollectibles per Compliance Attachment 1, page 3
- Line (45): Line (33) + Line (42) + Line (43) + Line (44)
- Line (47): Line (45) - Line (19)
- Line (49): Line (11) - Line (17)
- Line (50): Line (44)
- Line (52): Line (47) + Line (49) + Line (50)
- Line (54): Line (52) ÷ Line (15)
- Line (56): [Line (45) + Line (11) - Operating Expense - Inc Taxes] ÷ Line (1)

Schedule NR-4

Docket No. 3628 - 2011 Results of Service Quality Plan

National Grid
2011 Results of Service Quality Plan
Calculation of Penalty/Offset

Performance Standard	Potential Penalty (a)	Potential Offset (b)	2011 Results (c)	Maximum Penalty (d)	One Std Dev. Worse Than Mean (e)	Mean (f)	One Std Dev. Better Than Mean (g)	Maximum Offset (h)	Annual (Penalty)/Offset (i)
Reliability - Frequency	\$ 916,000	\$ 229,000	0.86	1.18	1.05	0.94	0.84	0.75	\$0
Reliability - Duration	\$ 916,000	\$ 229,000	60.7	89.9	71.9	57.5	45.9	36.7	\$0
Customer Service - Customer Contact Survey	\$ 184,000	\$ 46,000	72.6%	74.5%	76.8%	79.1%	81.4%	83.7%	(\$184,000)
Customer Service - Telephone Calls Answered	\$ 184,000	\$ 46,000	83.0%	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 2011 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 NR-5
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	\$28.40	\$11.45	\$16.95	\$28.36	\$11.45	\$16.91	(\$0.04)	-0.1%	13.7%
300	\$50.73	\$22.90	\$27.83	\$50.64	\$22.90	\$27.74	(\$0.09)	-0.2%	17.5%
400	\$65.62	\$30.53	\$35.09	\$65.49	\$30.53	\$34.96	(\$0.13)	-0.2%	11.8%
500	\$80.50	\$38.16	\$42.34	\$80.35	\$38.17	\$42.18	(\$0.15)	-0.2%	10.8%
600	\$95.38	\$45.79	\$49.59	\$95.19	\$45.79	\$49.40	(\$0.19)	-0.2%	9.4%
700	\$110.27	\$53.43	\$56.84	\$110.06	\$53.43	\$56.63	(\$0.21)	-0.2%	7.7%
1,000	\$154.92	\$76.32	\$78.60	\$154.61	\$76.32	\$78.29	(\$0.31)	-0.2%	15.0%
2,000	\$303.79	\$152.65	\$151.14	\$303.16	\$152.65	\$150.51	(\$0.63)	-0.2%	14.1%

Present Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (1)	kWh x	\$0.03842
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07327

Proposed Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (2)	kWh x	\$0.03812
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07327

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$21.09	\$11.45	\$9.64	\$21.04	\$11.45	\$9.59	(\$0.05)	-0.2%	10.7%
300	\$41.31	\$22.90	\$18.41	\$41.22	\$22.90	\$18.32	(\$0.09)	-0.2%	23.2%
400	\$54.79	\$30.53	\$24.26	\$54.67	\$30.53	\$24.14	(\$0.12)	-0.2%	14.9%
500	\$68.27	\$38.16	\$30.11	\$68.12	\$38.16	\$29.96	(\$0.15)	-0.2%	12.2%
600	\$81.75	\$45.79	\$35.96	\$81.57	\$45.79	\$35.78	(\$0.18)	-0.2%	9.6%
700	\$95.24	\$53.43	\$41.81	\$95.03	\$53.43	\$41.60	(\$0.21)	-0.2%	7.3%
1,000	\$135.68	\$76.32	\$59.36	\$135.37	\$76.32	\$59.05	(\$0.31)	-0.2%	12.3%
2,000	\$270.51	\$152.65	\$117.86	\$269.89	\$152.65	\$117.24	(\$0.62)	-0.2%	9.8%

Present Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (1)	kWh x	\$0.02495
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07327

Proposed Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (2)	kWh x	\$0.02465
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07327

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per kWh

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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	\$47.70	\$18.86	\$28.84	\$47.62	\$18.86	\$28.76	(\$0.08)	-0.2%	35.2%
500	\$84.11	\$37.71	\$46.40	\$83.95	\$37.71	\$46.24	(\$0.16)	-0.2%	17.0%
1,000	\$156.95	\$75.43	\$81.52	\$156.64	\$75.43	\$81.21	(\$0.31)	-0.2%	19.0%
1,500	\$229.78	\$113.14	\$116.64	\$229.31	\$113.14	\$116.17	(\$0.47)	-0.2%	9.8%
2,000	\$302.61	\$150.85	\$151.76	\$301.99	\$150.85	\$151.14	(\$0.62)	-0.2%	19.1%

Present Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02204
Distribution Energy Charge (1)	kWh x	\$0.03454
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Proposed Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02204
Distribution Energy Charge (2)	kWh x	\$0.03424
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$653.98	\$301.71	\$352.27	\$652.73	\$301.71	\$351.02	(\$1.25)	-0.2%
50	10,000	\$1,498.49	\$754.27	\$744.22	\$1,495.37	\$754.27	\$741.10	(\$3.12)	-0.2%
100	20,000	\$2,906.02	\$1,508.54	\$1,397.48	\$2,899.77	\$1,508.54	\$1,391.23	(\$6.25)	-0.2%
150	30,000	\$4,313.54	\$2,262.81	\$2,050.73	\$4,304.17	\$2,262.81	\$2,041.36	(\$9.37)	-0.2%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$854.83	\$452.56	\$402.27	\$852.96	\$452.56	\$400.40	(\$1.87)	-0.2%
50	15,000	\$2,000.63	\$1,131.41	\$869.22	\$1,995.95	\$1,131.41	\$864.54	(\$4.68)	-0.2%
100	30,000	\$3,910.29	\$2,262.81	\$1,647.48	\$3,900.91	\$2,262.81	\$1,638.10	(\$9.38)	-0.2%
150	45,000	\$5,819.95	\$3,394.22	\$2,425.73	\$5,805.89	\$3,394.22	\$2,411.67	(\$14.06)	-0.2%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Gross Earnings Tax 4.00%

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07241

Standard Offer Charge kWh x \$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per kWh

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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	\$1,055.69	\$603.42	\$452.27	\$1,053.19	\$603.42	\$449.77	(\$2.50)	-0.2%
50	20,000	\$2,502.76	\$1,508.54	\$994.22	\$2,496.51	\$1,508.54	\$987.97	(\$6.25)	-0.2%
100	40,000	\$4,914.56	\$3,017.08	\$1,897.48	\$4,902.06	\$3,017.08	\$1,884.98	(\$12.50)	-0.3%
150	60,000	\$7,326.36	\$4,525.63	\$2,800.73	\$7,307.61	\$4,525.63	\$2,781.98	(\$18.75)	-0.3%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$1,256.54	\$754.27	\$502.27	\$1,253.42	\$754.27	\$499.15	(\$3.12)	-0.2%
50	25,000	\$3,004.90	\$1,885.68	\$1,119.22	\$2,997.09	\$1,885.68	\$1,111.41	(\$7.81)	-0.3%
100	50,000	\$5,918.83	\$3,771.35	\$2,147.48	\$5,903.20	\$3,771.35	\$2,131.85	(\$15.63)	-0.3%
150	75,000	\$8,832.76	\$5,657.03	\$3,175.73	\$8,809.33	\$5,657.03	\$3,152.30	(\$23.43)	-0.3%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$1,457.40	\$905.13	\$552.27	\$1,453.65	\$905.13	\$548.52	(\$3.75)	-0.3%
50	30,000	\$3,507.03	\$2,262.81	\$1,244.22	\$3,497.66	\$2,262.81	\$1,234.85	(\$9.37)	-0.3%
100	60,000	\$6,923.11	\$4,525.63	\$2,397.48	\$6,904.36	\$4,525.63	\$2,378.73	(\$18.75)	-0.3%
150	90,000	\$10,339.17	\$6,788.44	\$3,550.73	\$10,311.05	\$6,788.44	\$3,522.61	(\$28.12)	-0.3%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07241

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$4,988.32	\$2,383.75	\$2,604.57	\$4,975.82	\$2,383.75	\$2,592.07	(\$12.50)	-0.3%
750	150,000	\$18,460.34	\$8,939.06	\$9,521.28	\$18,413.47	\$8,939.06	\$9,474.41	(\$46.87)	-0.3%
1,000	200,000	\$24,583.99	\$11,918.75	\$12,665.24	\$24,521.49	\$11,918.75	\$12,602.74	(\$62.50)	-0.3%
1,500	300,000	\$36,831.29	\$17,878.13	\$18,953.16	\$36,737.54	\$17,878.13	\$18,859.41	(\$93.75)	-0.3%
2,500	500,000	\$61,325.87	\$29,796.88	\$31,528.99	\$61,169.62	\$29,796.88	\$31,372.74	(\$156.25)	-0.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00629
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.05721

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$6,715.83	\$3,575.63	\$3,140.20	\$6,697.08	\$3,575.63	\$3,121.45	(\$18.75)	-0.3%
750	225,000	\$24,938.47	\$13,408.59	\$11,529.88	\$24,868.15	\$13,408.59	\$11,459.56	(\$70.32)	-0.3%
1,000	300,000	\$33,221.50	\$17,878.13	\$15,343.37	\$33,127.75	\$17,878.13	\$15,249.62	(\$93.75)	-0.3%
1,500	450,000	\$49,787.54	\$26,817.19	\$22,970.35	\$49,646.91	\$26,817.19	\$22,829.72	(\$140.63)	-0.3%
2,500	750,000	\$82,919.61	\$44,695.31	\$38,224.30	\$82,685.24	\$44,695.31	\$37,989.93	(\$234.37)	-0.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00629
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$8,443.32	\$4,767.50	\$3,675.82	\$8,418.32	\$4,767.50	\$3,650.82	(\$25.00)	-0.3%
750	300,000	\$31,416.60	\$17,878.13	\$13,538.47	\$31,322.85	\$17,878.13	\$13,444.72	(\$93.75)	-0.3%
1,000	400,000	\$41,858.99	\$23,837.50	\$18,021.49	\$41,733.99	\$23,837.50	\$17,896.49	(\$125.00)	-0.3%
1,500	600,000	\$62,743.78	\$35,756.25	\$26,987.53	\$62,556.28	\$35,756.25	\$26,800.03	(\$187.50)	-0.3%
2,500	1,000,000	\$104,513.37	\$59,593.75	\$44,919.62	\$104,200.87	\$59,593.75	\$44,607.12	(\$312.50)	-0.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00629
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$10,170.83	\$5,959.38	\$4,211.45	\$10,139.58	\$5,959.38	\$4,180.20	(\$31.25)	-0.3%
750	375,000	\$37,894.72	\$22,347.66	\$15,547.06	\$37,777.54	\$22,347.66	\$15,429.88	(\$117.18)	-0.3%
1,000	500,000	\$50,496.50	\$29,796.88	\$20,699.62	\$50,340.25	\$29,796.88	\$20,543.37	(\$156.25)	-0.3%
1,500	750,000	\$75,700.03	\$44,695.31	\$31,004.72	\$75,465.66	\$44,695.31	\$30,770.35	(\$234.37)	-0.3%
2,500	1,250,000	\$126,107.12	\$74,492.19	\$51,614.93	\$125,716.49	\$74,492.19	\$51,224.30	(\$390.63)	-0.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00629
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$11,898.32	\$7,151.25	\$4,747.07	\$11,860.82	\$7,151.25	\$4,709.57	(\$37.50)	-0.3%
750	450,000	\$44,372.85	\$26,817.19	\$17,555.66	\$44,232.22	\$26,817.19	\$17,415.03	(\$140.63)	-0.3%
1,000	600,000	\$59,133.99	\$35,756.25	\$23,377.74	\$58,946.49	\$35,756.25	\$23,190.24	(\$187.50)	-0.3%
1,500	900,000	\$88,656.29	\$53,634.38	\$35,021.91	\$88,375.04	\$53,634.38	\$34,740.66	(\$281.25)	-0.3%
2,500	1,500,000	\$147,700.87	\$89,390.63	\$58,310.24	\$147,232.12	\$89,390.63	\$57,841.49	(\$468.75)	-0.3%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00629
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00857
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$84,111.70	\$35,756.25	\$48,355.45	\$83,924.20	\$35,756.25	\$48,167.95	(\$187.50)	-0.2%
5,000	1,000,000	\$128,380.04	\$59,593.75	\$68,786.29	\$128,067.54	\$59,593.75	\$68,473.79	(\$312.50)	-0.2%
7,500	1,500,000	\$183,715.46	\$89,390.63	\$94,324.83	\$183,246.71	\$89,390.63	\$93,856.08	(\$468.75)	-0.3%
10,000	2,000,000	\$239,050.87	\$119,187.50	\$119,863.37	\$238,425.87	\$119,187.50	\$119,238.37	(\$625.00)	-0.3%
20,000	4,000,000	\$460,392.55	\$238,375.00	\$222,017.55	\$459,142.55	\$238,375.00	\$220,767.55	(\$1,250.00)	-0.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.05721

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$107,092.96	\$53,634.38	\$53,458.58	\$106,811.71	\$53,634.38	\$53,177.33	(\$281.25)	-0.3%
5,000	1,500,000	\$166,682.12	\$89,390.63	\$77,291.49	\$166,213.37	\$89,390.63	\$76,822.74	(\$468.75)	-0.3%
7,500	2,250,000	\$241,168.58	\$134,085.94	\$107,082.64	\$240,465.46	\$134,085.94	\$106,379.52	(\$703.12)	-0.3%
10,000	3,000,000	\$315,655.04	\$178,781.25	\$136,873.79	\$314,717.54	\$178,781.25	\$135,936.29	(\$937.50)	-0.3%
20,000	6,000,000	\$613,600.88	\$357,562.50	\$256,038.38	\$611,725.88	\$357,562.50	\$254,163.38	(\$1,875.00)	-0.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$130,074.20	\$71,512.50	\$58,561.70	\$129,699.20	\$71,512.50	\$58,186.70	(\$375.00)	-0.3%
5,000	2,000,000	\$204,984.20	\$119,187.50	\$85,796.70	\$204,359.20	\$119,187.50	\$85,171.70	(\$625.00)	-0.3%
7,500	3,000,000	\$298,621.71	\$178,781.25	\$119,840.46	\$297,684.21	\$178,781.25	\$118,902.96	(\$937.50)	-0.3%
10,000	4,000,000	\$392,259.21	\$238,375.00	\$153,884.21	\$391,009.21	\$238,375.00	\$152,634.21	(\$1,250.00)	-0.3%
20,000	8,000,000	\$766,809.22	\$476,750.00	\$290,059.22	\$764,309.22	\$476,750.00	\$287,559.22	(\$2,500.00)	-0.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$153,055.46	\$89,390.63	\$63,664.83	\$152,586.71	\$89,390.63	\$63,196.08	(\$468.75)	-0.3%
5,000	2,500,000	\$243,286.29	\$148,984.38	\$94,301.91	\$242,505.04	\$148,984.38	\$93,520.66	(\$781.25)	-0.3%
7,500	3,750,000	\$356,074.83	\$223,476.56	\$132,598.27	\$354,902.95	\$223,476.56	\$131,426.39	(\$1,171.88)	-0.3%
10,000	5,000,000	\$468,863.37	\$297,968.75	\$170,894.62	\$467,300.87	\$297,968.75	\$169,332.12	(\$1,562.50)	-0.3%
20,000	10,000,000	\$920,017.55	\$595,937.50	\$324,080.05	\$916,892.55	\$595,937.50	\$320,955.05	(\$3,125.00)	-0.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$17,000.00
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Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00042)
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Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per 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	\$176,036.70	\$107,268.75	\$68,767.95	\$175,474.20	\$107,268.75	\$68,205.45	(\$562.50)	-0.3%
5,000	3,000,000	\$281,588.37	\$178,781.25	\$102,807.12	\$280,650.87	\$178,781.25	\$101,869.62	(\$937.50)	-0.3%
7,500	4,500,000	\$413,527.96	\$268,171.88	\$145,356.08	\$412,121.71	\$268,171.88	\$143,949.83	(\$1,406.25)	-0.3%
10,000	6,000,000	\$545,467.54	\$357,562.50	\$187,905.04	\$543,592.54	\$357,562.50	\$186,030.04	(\$1,875.00)	-0.3%
20,000	12,000,000	\$1,073,225.88	\$715,125.00	\$358,100.88	\$1,069,475.88	\$715,125.00	\$354,350.88	(\$3,750.00)	-0.3%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00560
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00012)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
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Transmission Energy Charge	kWh x	\$0.00560
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Distribution Energy Charge (2)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00017
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.05721

Note (1): Includes RDM Adjustment Credit factor of (0.014¢) per kWh

Note (2): Includes Proposed RDM Adjustment Credit factor of (0.044¢) per kWh