

September 3, 2013

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4431 - 2013 Distribution Adjustment Charge (“DAC”)
Supplemental Testimony and Attachments of Mariella C. Smith and William R. Richer**

Dear Ms. Massaro:

On behalf of National Grid,¹ I am filing ten (10) copies of the Company’s supplement to its August 1, 2013 annual DAC filing. This submission consists of the supplemental pre-filed testimony and schedules of Mariella C. Smith and William R. Richer. In her testimony and schedules, Ms. Smith incorporates updates to the DAC components and provides proposed DAC rates for effect November 1, 2013. She also provides a bill-impact analysis of the proposed DAC rates. In his testimony and schedules, William R. Richer provides a revision to the Company’s pension and post-retirement benefits other than pension (“PBOP”) expense reconciliation and provides a status update on the earnings sharing mechanism (“ESM”) component.

As described in Ms. Smith’s testimony, the bill impact of the proposed DAC rates on an average residential heating customer utilizing 846 therms translates into an annual decrease of approximately \$7 or 0.6 percent less than the rates currently in effect.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosure

cc: Leo Wold, Esq.
Steve Scialabba
Bruce Oliver

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

Certificate of Service

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate were electronically transmitted to the individuals listed below. Copies of this filing were hand delivered to the RI Public Utilities Commission.



 Joanne M. Scanlon
 National Grid

September 3, 2013

Date

**Docket No. 4431 – National Grid –2013 Annual Distribution Adjustment
 Charge Filing (“DAC”) - Service List as of 8/7/13**

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The Narragansett Electric Company
d/b/a National Grid

Distribution Adjustment Charge Filing

Supplemental Testimony and Schedules of
Mariella C. Smith
and
William R. Richer

September 3, 2013

Submitted to:
Rhode Island Public Utilities Commission
R.I.P.U.C. Docket No. 4431

Submitted by:

nationalgrid

**Supplemental Testimony of
Mariela C. Smith**

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH
SEPTEMBER 3, 2013**

SUPPLEMENTAL DIRECT TESTIMONY

OF

MARIELLA C. SMITH

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1 **I. Introduction**

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

3 A. My name is Mariella C. Smith and my business address is 40 Sylvan Road,
4 Waltham, Massachusetts 02451.

5
6 **Q. Have you previously submitted testimony in this Docket?**

7 A. Yes. I submitted my direct testimony on August 1, 2013.

8
9 **Q. What is the purpose of your supplemental testimony?**

10 A. The purpose of this supplemental testimony is to provide a proposed distribution
11 Adjustment Charge (“DAC”) to become effective November 1, 2013.
12 Specifically this supplemental testimony will: (1) provide the system pressure
13 factor; (2) update the pension and post retirement benefits factor and the
14 reconciliation factors included in the August 1, 2013 filing; (3) provide the status
15 of the Earning Sharing Mechanism (“ESM”) component; (4) provide the
16 calculation of the proposed base DAC factors, which will be a component of the
17 overall DAC rates (that include the Infrastructure, Safety and Reliability (“ISR”)
18 Reconciliation DAC factors that will be effective November 1, 2013 and the ISR
19 component currently in effect); and (5) provide the proposed DAC rates’ impact
20 on customer bills. This filing is submitted pursuant to the Company’s Distribution

1 Adjustment Charge Provision, R.I.P.U.C. NG-Gas No. 101, under Section 3,
2 Schedule A.

3 **Q. Are you sponsoring any updated schedules with your testimony?**

4 A. Yes. I am sponsoring the following updated schedules that accompany my
5 testimony:

6 Schedule MCS-1S Summary of DAC Factors

7 Schedule MCS-2S System Pressure Factor

8 Schedule MCS-5S Pension and Post Retirement Benefits Factor

9 Schedule MCS-7S Reconciliation Factor

10 Schedule MCS-9S ISR Reconciliation Factors

11 Schedule MCS-10S Bill Impact Analysis

12 For ease of reference, all others schedules are also included although no changes
13 were made.

14

15 **II. Updated DAC Components**

16 **Q. Please describe the updates to the DAC components that were included in the**
17 **August 1, 2013 filing.**

18 A. In accordance with the agreement made with the Division during the 2010-2011
19 DAC proceeding in Docket No. 4196, the Company did not provide its system
20 pressure component calculation as part of its August 1 filing, but rather it is
21 making it available as part of this filing as shown in Schedule MCS-2S. In

1 addition, the pension and post retirement benefits factor has been updated as
2 shown in Schedule MCS-5S while the DAC reconciliation component factor
3 calculation has been updated to include the actual data for July 2013 as presented
4 in Schedule MCS-7S. Consequently, the proposed DAC rates were calculated
5 inclusive of these figures, which were then combined with the proposed ISR
6 reconciliation factors and current ISR factors to derive the overall DAC rates per
7 rate class to take effect November 1, 2013.

8

9 **Q. What is the new system pressure factor?**

10 A. The new system pressure factor is \$0.0038 per therm and it was derived by
11 multiplying the forecasted 2013-2014 LNG lease payment costs by the updated
12 system pressure balancing percentage. This figure was then divided by the
13 forecasted throughput of 38,500,653 dths for the 12-months beginning November
14 1, 2013. This result was then divided by 10 to derive the \$/therm factor
15 mentioned above.

16

17 **Q. Has the Company included any earnings sharing in this DAC filing?**

18 A. The earnings calculation for the 12-month period ended September 30, 2012 was
19 filed on July 1, 2013. Company witness William R. Richer provided an update to
20 the status of the earnings sharing calculation in his testimony included in the
21 August 1 DAC filing. The Company does not have an update to that analysis. As

1 such, there is no DAC adjustment for the ESM in this filing. As stated by the
2 Company in its July 1, 2013 ESM submission, upon the availability of the
3 financial information for the 12 months ending March 31, 2013, the Company
4 will supplement its earnings calculation with the Commission.

5

6 **Q. What updates did the Company make to the Pension and PBOP**
7 **reconciliation factor?**

8 A. The calculation reconciling the Company's actual Pension and PBOP expenses
9 was revised consistent with its responses to the Division's first set of data requests
10 issued to the Company on August 16, 2013. For an explanation of the change,
11 please see the Company's data responses and Mr. Richer's September 3, 2013
12 testimony.

13

14 **Q. Please identify what was updated in the Reconciliation adjustment factors.**

15 A. The DAC Reconciliation factors were updated to reflect the actual revenue for
16 July 2013 for the non-base rate / gas year reconciling components as shown in
17 Schedule MCS-7S, Page 2 through 8. The reconciliation factor applicable to all
18 rate classes is \$0.0041 per therm¹, while the reconciliation factor for the Large
19 and Extra-Large classes is \$0.0039 per therm. As described in my testimony filed
20 on August 1, only the Large and Extra-Large classes are subject to the base rate

¹ The August 1, 2013 DAC filing's Reconciliation factor was \$0.0038 per therm for all rate classes and \$0.0036 for the Large and Extra-Large rate classes.

1 reconciliation component. It is worth noting that the Revenue Decoupling
2 Adjustment (“RDA”) reconciliation component of \$0.0026 is applicable to the
3 Residential, Small and Medium Commercial and Industrial (“C&I”) rate classes
4 only and has been assigned to the appropriate rate classes as shown in MCS-1S,
5 Section 1, Line 14.

6

7 **Q. Please explain the derivation of the proposed base DAC rates including the**
8 **ISR reconciliation factor.**

9 A. As shown on Schedule MCS-1S, Section 1, Line 15, the proposed base DAC rates
10 differ for the Residential, Small and Medium C&I rate classes versus the Large
11 and Extra-Large rate classes. As explained in my August 1 testimony, a DAC
12 factor was developed for the Residential, Small and Medium C&I rate classes to
13 accommodate the inclusion of the RDA factor while a separate factor was
14 developed for the Large and Extra-Large rate classes to accommodate the
15 reconciliation of the Base rate related items – Advanced Gas Technology, Low
16 Income Assistance Program, and Environmental Response costs, and, starting this
17 year, the Reconciliation factor applicable to these classes only. These factors
18 were then combined with the ISR Reconciliation factors per rate class.

19

20 **III. Final Proposed DAC Rates and Bill Impacts**

21 **Q. What are the final proposed DAC rates?**

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH
PAGE 6 OF 7

1 A. The final proposed DAC rates by rate class including the Base DAC factors, the
 2 ISR reconciliation factors, and the current ISR factors are shown in Schedule
 3 MCS-1S, Section 2 and in the table below.

Table 3-1: Final DAC Rates per rate class

Rate Class	Base DAC w/o ISR (\$/therm) A	ISR Reconciliation Factor (\$/therm) C	ISR Factor effective April 1, 2013 (\$/therm) B	Proposed DAC Rate (\$/therm) D=A+B+C
Res- NH	\$0.0401	(\$0.0249)	\$0.0045	\$0.0197
Res-H	\$0.0401	\$0.0000	\$0.0024	\$0.0425
Small C&I	\$0.0401	\$0.0017	\$0.0024	\$0.0442
Medium C&I	\$0.0401	\$0.0010	\$0.0018	\$0.0429
Large LL	\$0.0092	\$0.0001	\$0.0014	\$0.0107
Large HL	\$0.0092	\$0.0021	\$0.0018	\$0.0131
XL-LL	\$0.0092	(\$0.0014)	\$0.0005	\$0.0083
XL-HL	\$0.0092	(\$0.0002)	\$0.0005	\$0.0095

5 *Rates include uncollectible allowance.

6

7 **Q. How was the impact on customer bills calculated?**

8 A. The Company’s bill impact intends to present the impact solely from the proposed
 9 DAC factors and to keep all other rates and charges at their current levels. To
 10 isolate the impact of the proposed DAC rates, the current Energy Efficiency and
 11 ISR rates are assumed to be in effect for the gas year November 2013 through
 12 October 2014. The Gas Cost Recovery (“GCR”) rates are also held constant and
 13 reflect the currently approved GCR rates in effect for the period through October
 14 2013. The combined impact of the proposed DAC factors and GCR rates will be

1 part of the GCR bill impact analysis filed as part of the annual GCR filing in a
2 separate docket.

3
4 **Q. What is the impact of the proposed November 1, 2013 DAC rates on**
5 **customer bills?**

6 A. Schedule MCS-10S sets forth the annual average dollar impact due to the
7 proposed change in the DAC factors on customers' bills at various levels of
8 consumption for the period November 1, 2013 through October 31, 2014 for the
9 various rate classes. As an example, for an average residential heating customer
10 utilizing 846 therms, the bill impact translates into an annual decrease of
11 approximately \$7, or 0.6%, over the rates currently in effect.

12

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

14 A. Yes, it does.

**Schedules of
Mariella C. Smith**

Schedules of Mariella C. Smith

Schedule MCS-1S	Summary of DAC Factors
Schedule MCS-2S	System Pressure Factor
Schedule MCS-3	Advanced Gas Technology Program Factor
Schedule MCS-4	Environmental Response Cost Factor
Schedule MCS-5S	Pensions and Post Retirement Benefits Factor
Schedule MCS-6	On-System Margin Credits Factor
Schedule MCS-7S	Reconciliation Factors
Schedule MCS-8	Revenue Decoupling Adjustment Factor
Schedule MCS-9S	ISR Reconciliation Factors
Schedule MCS-10S	Bill Impacts

**THE NARRAGANSETT ELECTRIC COMPANY
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MARIELLA C. SMITH**

**Schedule MCS-1S
Summary of DAC Factors**

**National Grid - RI Gas
Summary of DAC Factors
Effective November 1, 2013**

Section 1: DAC factor (not including annual ISR component) November 1, 2013 - October 31, 2014

Line No.	Description	Reference	Factor		
			Residential/ Small/ Medium C&I	Large/ X-Large	
1	System Pressure (SP)	<u>MCS-2S</u>	\$0.0038	\$0.0038	
2	Advanced Gas Technology Program (AGT)	<u>MCS-3</u>	\$0.0000	\$0.0000	
3	Low Income Assistance Program (LIAP)				
4	Environmental Response Cost Factor (ERCF)	<u>MCS-4</u>	\$0.0001	\$0.0001	
5	Pension Adjustment Factor (PAF)	<u>MCS-5S</u>	\$0.0024	\$0.0024	
6	On-System Margin Credits (MC)	<u>MCS-6</u>	(\$0.0012)	(\$0.0012)	
7	Reconciliation Factor (R)	<u>MCS-7S</u>	\$0.0041	\$0.0039	
8	Service Quality Factor (SQP)				
9	Earnings Sharing Mechanism (ESM)				
10	Subtotal	Sum ([1]-[9])	\$0.0092	\$0.0090	
11	Uncollectible Percentage	Dkt 4323	3.18%	3.18%	
12	DAC factors grossed up for uncollectible	[10]/(1-[11])	\$0.0095	\$0.0092	per therm
13	Revenue Decoupling Adjustment (RDA)	<u>MCS-8</u>	\$0.0280	\$0.0000	
14	Revenue Decoupling Adjustment Reconciliation	<u>MCS-7S</u>	\$0.0026	\$0.0000	
15	DAC factor	[12]+[13]+[14]	\$0.0401	\$0.0092	per therm

Section 2: DAC factors including annual ISR component

Line No.	ISR Reconciliation w/o uncollectible ¹ (therms)	Uncollectible Percentage ²	ISR Reconciliation* (therms) (A)	Base DAC Component* ³ (therms) (B)	DAC Component Subtotal Rates* (therms) (C) = (A) + (B)	ISR Component* ⁴ (therms) (D)	November 1, 2013 DAC Rates* (therms) (E) = (C)+(D)
16	(\$0.0241)	3.18%	(\$0.0249)	\$0.0401	\$0.0152	\$0.0045	\$0.0197
17	(\$0.0241)	3.18%	(\$0.0249)	\$0.0401	\$0.0152	\$0.0045	\$0.0197
18	\$0.0000	3.18%	\$0.0000	\$0.0401	\$0.0401	\$0.0024	\$0.0425
19	\$0.0000	3.18%	\$0.0000	\$0.0401	\$0.0401	\$0.0024	\$0.0425
20	\$0.0016	3.18%	\$0.0017	\$0.0401	\$0.0418	\$0.0024	\$0.0442
21	\$0.0010	3.18%	\$0.0010	\$0.0401	\$0.0411	\$0.0018	\$0.0429
22	\$0.0001	3.18%	\$0.0001	\$0.0092	\$0.0093	\$0.0014	\$0.0107
23	\$0.0020	3.18%	\$0.0021	\$0.0092	\$0.0113	\$0.0018	\$0.0131
24	(\$0.0014)	3.18%	(\$0.0014)	\$0.0092	\$0.0078	\$0.0005	\$0.0083
25	(\$0.0002)	3.18%	(\$0.0002)	\$0.0092	\$0.0090	\$0.0005	\$0.0095

***Factors Include Uncollectible Allowance**

¹ MCS-9S

² Per Docket No. 4323

³ Section 1, Line 15

⁴ FY 14 ISR component per Docket 4380

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DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

Schedule MCS-2S
System Pressure Factor

**National Grid - RI Gas
System Pressure Factor
Effective November 1, 2013**

Line No.	Description	
1	LNG GCR Costs allocated to DAC	\$1,488,789
2	Firm Throughput	38,500,653 dths
3	System Pressure Factor per decatherm	\$0.0380 per dth
4	System Pressure Factor per therm	\$0.0038 per therm

1 Per Settlement of DAC issues, Docket No. 4339

2 Company Forecast

3 [4] * 10

4 [1] / [2] / 10

**THE NARRAGANSETT ELECTRIC COMPANY
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MARIELLA C. SMITH**

Schedule MCS-3
Advanced Gas Technology Program Factor

**National Grid - RI Gas
AGT Factor
Effective November 1, 2013**

Line No.	Description	
1	AGT collected through DAC	\$0
2	Firm Throughput	38,500,653 dth
3	AGT Factor	\$0.0000 per dth
4	AGT Factor	\$0.0000 per therm

2 Company Forecast
3 [4]* [10]
4 [1] / [2] / [10]

National Grid - RI Gas
AGT Account Balance and Interest Calculation

Line No.	Jul-12 31	Aug-12 31	Sep-12 30	Oct-12 31	Nov-12 30	Dec-12 31	Jan-13 31	Feb-13 28	Mar-13 31	9 month-end
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)
1	\$2,222,919	\$2,232,841	\$2,241,895	\$2,252,217	\$2,263,406	\$2,283,926	\$2,320,944	\$2,365,789	\$2,417,248	
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5	1,228,932	1,116,710	1,251,878	1,432,743	2,498,337	4,210,421	5,395,248	5,765,550	5,359,362	
6										
7	\$3,901	\$4,012	\$4,446	\$4,347	\$6,495	\$10,964	\$10,203	\$13,614	\$9,041	\$67,023
8	\$6,021	\$5,042	\$5,876	\$6,842	\$14,025	\$26,054	\$34,641	\$37,846	\$35,013	\$171,361
9	\$9,922	\$9,054	\$10,322	\$11,189	\$20,520	\$37,018	\$44,844	\$51,460	\$44,054	\$238,384
10	\$2,232,841	\$2,241,895	\$2,252,217	\$2,263,406	\$2,283,926	\$2,320,944	\$2,365,789	\$2,417,248	\$2,461,303	
Interest Calculation										
11	\$2,227,880	\$2,237,368	\$2,247,056	\$2,257,812	\$2,273,666	\$2,302,435	\$2,343,367	\$2,391,519	\$2,439,275	
12	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	
13	\$2,365	\$2,375	\$2,309	\$2,397	\$2,336	\$2,444	\$2,488	\$2,293	\$2,590	\$21,597

1 Column (a) Ending Balance per Docket No. 4339, MCS-3R, Page 2 of 2

4 Lines (2) + Line (3)

5 Column (a) thru (g) reflect Docket No. 3943 forecast; Column (h) thru (i) reflect rate year forecast as presented in Docket No. 4323

8 Actual revenue for these rate classes are reconciled through the Revenue Decoupling Mechanism (RDM)

9 Lines (7) + (8)

10 Line [(1) - (4)] + (9)

11 Lines ((1)+(10)) / 2

12 Per RIPUC NG-Gas No. 101, Section 3, Schedule A

13 Column (j), Total interest refunded to customers at MCS-7, Page 1, line 11 per Docket No. 4339 Settlement of Issues

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

Schedule MCS-4
Environmental Response Cost Factor

**National Grid - RI Gas
Environmental Response Cost (ERC) Factor
Effective November 1, 2013**

Line No.	Description	Schedule / Page	Column / Line	Amount
1	Amortization of Pre-FY2003 expenses	MCS-4, Pg 2	Col M, Ln 3	\$0
2	Amortization of FY2003 expenses	MCS-4, Pg 2	Col M, Ln 6	\$0
3	Amortization of FY2004 expenses - year 10 of 10	MCS-4, Pg 2	Col M, Ln 9	(\$47,296)
4	Amortization of FY2005 expenses - year 9 of 10	MCS-4, Pg 2	Col M, Ln 12	\$13,671
5	Amortization of FY2006 expenses - year 8 of 10	MCS-4, Pg 2	Col M, Ln 15	\$43,602
6	Amortization of FY2007 expenses - year 7 of 10	MCS-4, Pg 2	Col M, Ln 18	(\$75,829)
7	Amortization of FY2008 expenses - year 6 of 10	MCS-4, Pg 2	Col M, Ln 21	(\$4,575)
8	Amortization of FY2009 expenses - year 5 of 10	MCS-4, Pg 2	Col M, Ln 24	\$96,575
9	Amortization of FY2010 expenses - year 4 of 10	MCS-4, Pg 2	Col M, Ln 27	\$208,826
10	Amortization of FY2011 expenses - year 3 of 10	MCS-4, Pg 2	Col M, Ln 30	\$452,295
11	Amortization of FY2012 expenses - year 2 of 10	MCS-4, Pg 2	Col M, Ln 33	\$558,394
12	Amortization of FY2012 expenses - year 1 of 10	MCS-4, Pg 2	Col M, Ln 36	<u>\$136,852</u>
13			Subtotal	\$1,382,515
14	Base Rate Embedded ERC Funding			\$1,310,000
15	Net Requirement			\$72,515
16	Firm Throughput			38,500,653 dths
17	Environmental Response Cost Factor per decatherm			\$0.0010 per dth
18	Environmental Response Cost Factor per therm			\$0.0001 per therm
13	Sum ([1];[12])			
14	Docket No. 3401			
15	[13] - [14]			
16	Company Forecast			
17	[18] * 10			
18	[15] / [16] / 10			

Narragansett Electric Company
Environmental Response Cost (ERC) Factor
ERC Amortization Schedule

Line No.	FY2002 (a)	FY2003 (b)	FY2004 (c)	FY2005 (d)	FY2006 (e)	FY2007 (f)	FY2008 (g)	FY2009 (h)	FY2010 (i)	FY2011 (j)	FY2012 (k)	FY2013 (l)	FY2014 (m)
ENVIRONMENTAL AMORTIZATION													
1	June 30, 2002												
2	NET ERC costs net of insurance	\$12,510,252											
3	Amortization Period (years)	10											
4	FY 2003												
5	NET ERC costs net of insurance												
6	Amortization Period (years)	10											
7	FY 2004												
8	NET ERC costs net of insurance												
9	Amortization Period (years)	10											
10	FY 2005												
11	NET ERC costs net of insurance												
12	Amortization Period (years)	10											
13	FY 2006												
14	NET ERC costs net of insurance												
15	Amortization Period (years)	10											
16	FY 2007												
17	NET ERC costs net of insurance												
18	Amortization Period (years)	10											
19	FY 2008 & adjustment for FY2007												
20	NET ERC costs net of insurance												
21	Amortization Period (years)	10											
22	FY 2009												
23	NET ERC costs net of insurance												
24	Amortization Period (years)	10											
25	FY 2010												
26	NET ERC costs net of insurance												
27	Amortization Period (years)	10											
28	FY 2011												
29	NET ERC costs net of insurance												
30	Amortization Period (years)	10											
31	FY 2012												
32	NET ERC costs net of insurance												
33	Amortization Period (years)	10											
34	FY 2013												
35	NET ERC costs net of insurance												
36	Amortization Period (years)	10											
37	Amortization Expense sub-total												
38	ENVIRONMENTAL REMEDIATION COSTS												
39	Beginning Balance	\$12,510,252	\$6,497,579	\$6,024,619	\$6,161,326	\$6,597,346	\$5,839,065	\$5,793,300	\$6,759,054	\$8,847,318	\$13,370,265	\$18,954,201	\$20,322,722
40	Environmental Expenditures, net of insurance												
41	Ending Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	ACCUMULATED ENVIRONMENTAL REMEDIATION												
43	Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	Amortization Expense (1)												
45	Ending Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46	NET ENVIRONMENTAL REMEDIATION COSTS												

(1) Amortization Expense is shown on a June 30 basis

Line No.		FY2015 (n)	FY2016 (o)	FY2017 (p)	FY2018 (q)	FY2019 (r)	FY2020 (s)	FY2021 (t)	FY2022 (u)	FY2023 (v)
ENVIRONMENTAL AMORTIZATION										
1	June 30, 2002									
2	NET ERC costs net of insurance	\$12,510,252								
3	Amortization Period (years)	10								
4	FY 2003									
5	NET ERC costs net of insurance	(\$6,012,673)								
6	Amortization Period (years)	10								
7	FY 2004									
8	NET ERC costs net of insurance	(\$472,960)								
9	Amortization Period (years)	10	\$0							
10	FY 2005									
11	NET ERC costs net of insurance	\$136,707	\$0							
12	Amortization Period (years)	10	\$13,668							
13	FY 2006									
14	NET ERC costs net of insurance	\$436,020	\$43,602	\$0						
15	Amortization Period (years)	10								
16	FY 2007									
17	NET ERC costs net of insurance	(\$758,291)	(\$75,829)	(\$75,830)	\$0					
18	Amortization Period (years)	10								
19	FY 2008 & adjustment for FY2007									
20	NET ERC costs net of insurance	(\$45,755)	(\$4,575)	(\$4,575)	(\$4,580)	\$0				
21	Amortization Period (years)	10								
22	FY 2009									
23	NET ERC costs net of insurance	\$965,754	\$96,575	\$96,575	\$96,575	\$96,575	\$0			
24	Amortization Period (years)	10								
25	FY 2010									
26	NET ERC costs net of insurance	\$2,088,264	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$0		
27	Amortization Period (years)	10								
28	FY 2011									
29	NET ERC costs net of insurance	\$4,522,947	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$0	
30	Amortization Period (years)	10								
31	FY 2012									
32	NET ERC costs net of insurance	\$5,583,936	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$0	
33	Amortization Period (years)	10								
34	FY 2013									
35	NET ERC costs net of insurance	\$1,368,521	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$0
36	Amortization Period (years)	10								
37	Amortization Expense sub-total	\$1,429,808	\$1,416,140	\$1,372,537	\$1,448,362	\$1,452,942	\$1,356,367	\$1,147,541	\$695,246	\$136,852
38	ENVIRONMENTAL REMEDIATION COSTS									
39	Beginning Balance	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722
40	Environmental Expenditures, net of insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	Ending Balance	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722	\$20,322,722
42	ACCUMULATED ENVIRONMENTAL REMEDIATION									
43	Beginning Balance	\$9,866,925	\$11,296,733	\$12,712,873	\$14,085,410	\$15,533,772	\$16,986,714	\$18,343,081	\$19,490,622	\$20,185,868
44	Amortization Expense (1)	\$1,429,808	\$1,416,140	\$1,372,537	\$1,448,362	\$1,452,942	\$1,356,367	\$1,147,541	\$695,246	\$136,852
45	Ending Balance	\$11,296,733	\$12,712,873	\$14,085,410	\$15,533,772	\$16,986,714	\$18,343,081	\$19,490,622	\$20,185,868	\$20,322,720
46	NET ENVIRONMENTAL REMEDIATION COSTS	\$9,025,989	\$7,609,849	\$6,237,312	\$4,788,949	\$3,336,007	\$1,979,640	\$832,099	\$136,853	\$2

(1) Amortization Expense is shown on a June 30 basis

**National Grid - RI Gas
Environmental Response Cost (ERC) Factor
ERC FY 2013 Detail**

Line No.		Total Costs ending 06/30/2012	FY 2013 Costs Ending 03/31/2013	Total Costs ending 03/31/2013
		(a)	(b)	(c) = (a) + (b)
1	Environmental Expenses			
2	907 & 908 Allens Avenue	\$19,037,470	\$329,478	\$19,366,948
3	307 PCB Reg Pipe Abandon.	\$665,347	\$82,656	\$748,003
4	379 Petroleum Site	\$6,055,714	\$374,298	\$6,430,012
5	700 18 & 21 Holders COR	\$2,776,743	\$0	\$2,776,743
6	161 Canal Street, Westerly	\$29,133	\$0	\$29,133
7	178 Site Inv Connell Hwy Newp	\$44,092	\$0	\$44,092
8	144 Westerly Soil Investigation	\$82,184	\$0	\$82,184
9	171 Contaminated Regulators	\$2,874,921	\$74,526	\$2,949,447
10	781 Mendon Road	\$121,355	\$0	\$121,355
11	782 Tidewater	\$1,200,459	\$67,292	\$1,267,751
12	783 Hamlet	\$111,105	\$0	\$111,105
13	-- Thames & Wellington	\$4,838,697	\$217,992	\$5,056,689
14	-- Misc MGP (NEG)	\$185,971	\$46,001	\$231,971
15	-- Insurance Recovery	\$995,439	\$45,464	\$1,040,903
16	-- East Providence (First Ave) Holder	\$720	\$130,813	\$131,533
17	Sub-Total	\$39,019,349	\$1,368,521	\$40,387,869
18	Insurance Recovery/Settlement			
19	910 Environmental Insurance Settlement		\$0	
20	Net FY2013 Environmental Response Costs		\$1,368,521	

17 Sum [2] : [16]

20 Sum [17] + [19]

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

**Schedule MCS-5S
Pensions and Post Retirement Benefits Factor**

**National Grid - RI Gas
Pension Adjustment Factors
Effective November 1, 2013**

Line No.	<u>Pension Factor</u>	
1	Pension Reconciliation	\$1,860,337
2	Carrying Charges	(\$99,095)
3	Firm Throughput	38,500,653 dth
4	Pension Factor per dth	\$0.0450 per dth
5	Pension Factor per therm	\$0.0045 per therm
	<u>PBOP Factor</u>	
6	PBOP Reconciliation	(\$572,038)
7	Carrying Charges	(\$272,018)
8	Firm Throughput	38,500,653
9	PBOP Factor per dth	(\$0.0210) per dth
10	PBOP Factor per therm	(\$0.0021) per therm
	<u>Pension & PBOP Factor Combined</u>	
11	Pension & PBOP Factor per dth	\$0.0240 per dth
12	Pension & PBOP Factor per therm	\$0.0024 per therm

- 1 WRR-1, Page 1, Line 14
- 2 WRR-1, Page 1, Line 16
- 3,8 Company Forecast
- 4 [5] * 10
- 5 ([1]+ [2])/[3] / 10
- 6 WRR-1, Page 2, Line 14
- 7 WRR-1, Page 2, Line 16
- 9 [10] * 10
- 10 ([6]+ [7])/[8] / 10
- 11 [4] + [9]
- 12 [5] + [10]

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

Schedule MCS-6
On-System Margin Credits Factor

**National Grid - RI Gas
On-System Margin Factor
Effective November 1, 2013**

Line No.

1	Total Dual Fuel margin	\$2,404,728
2	Threshold	\$1,942,667
3	Margin in excess of Threshold	(\$462,061)
4	Firm Throughput	38,500,653 dth
5	On-System Margin Credit per dth	(\$0.0120) per dth
6	On-System Margin Credit per therm	(\$0.0012) per therm

1 Page 2, Col (I), Ln 5

2 Dkt 3943 / 4323

3 Page 2, Col (I), Ln 7

4 Company forecast

5 [6] * 10

6 [3] / [4] / 10

National Grid - RI Gas
On-System Margin Calculation

Line No.	Dual-fuel (Firm and Non-firm)												Non-firm		TOTAL
	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Total Jul 12-Jan 13	Feb-13	Mar-13	Total Feb 13-Mar 13	July 12-Mar 13	(l)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)		(l)		
1	276,605	265,465	250,030	258,541	338,313	395,766	355,450	2,140,171	182,952	199,559	382,511				
2	\$485,456	\$440,083	\$464,927	\$490,562	\$756,386	\$959,506	\$869,772	\$4,466,693	\$512,053	\$479,130	\$991,183				
3	\$354,373	\$345,103	\$336,943	\$364,973	\$590,840	\$751,539	\$670,097	\$3,413,868	\$421,612	\$379,325	\$800,936				
4	\$79,527	\$70,299	\$72,515	\$86,172	\$263,868	\$413,795	\$361,958	\$1,348,135	\$254,624	\$207,318	\$461,942				
5	\$274,847	\$274,804	\$264,427	\$278,801	\$326,973	\$337,744	\$308,138	\$2,065,733	\$166,988	\$172,006	\$338,994				
6								\$1,642,667			\$300,000				
7								\$423,067			\$38,994				
														\$462,061	

- 1 Column (a) to (g): Page 3, Line 1 + Page 4, Line 1. Column (h) to (i): Page 4, Line 1.
- 2 Column (a) to (g): Page 3, Line 2 + Page 4, Line 2. Column (h) to (i): Page 4, Line 2.
- 3 Column (a) to (g): Page 3, Line 3 + Page 4, Line 3. Column (h) to (i): Page 4, Line 3.
- 4 Column (a) to (g): Page 3, Line 4 + Page 4, Line 4. Column (h) to (i): Page 4, Line 4.
- 5 Column (a) to (g): Page 3, Line 5 + Page 4, Line 5. Column (h) to (i): Page 4, Line 5.
- 6 Column (h) July 12- Jan 13, 7-month proration of \$2,816,000 (prior) annual target.
Column (k) July 12- Jan 13, 2-month proration of \$1,800,000 (current) annual target.
Column (l) = Sum Column (h) + Column (k)

**National Grid - RI Gas
Margin Threshold Calculation (Firm)**

Line No.	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Total Jul 12-Jan 13
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 Firm Usage (dth)	96,982	100,838	105,768	90,222	119,191	193,624	220,991	927,617
2 Firm Revenue	\$261,308	\$252,097	\$260,804	\$245,044	\$335,211	\$456,578	\$510,683	\$2,321,725
3 Firm Revenue subject to Margin Sharing	\$195,816	\$188,113	\$193,180	\$189,678	\$263,667	\$340,064	\$376,894	\$1,747,412
4 Firm Gas Costs	\$38,003	\$29,595	\$33,099	\$32,423	\$94,919	\$149,871	\$169,974	\$547,884
5 Firm Margin	\$157,813	\$158,518	\$160,081	\$157,254	\$168,748	\$190,193	\$206,921	\$1,199,529

- 1 Page 8, column (g), total/10
- 2 Page 8, column (q), total
- 3 Page 8, column (r), total
- 4 Page 8, column (t), total
- 5 Page 8, column (u), total

**National Grid - RI Gas
Margin Threshold Calculation (Non-firm)**

Line No.	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total Jul 12-Mar 13
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	179,623	164,627	144,262	168,319	219,121	202,142	134,459	182,952	199,559	1,595,065
2	\$224,148	\$187,986	\$204,122	\$245,519	\$421,176	\$502,928	\$359,089	\$512,053	\$479,130	\$3,136,151
3	\$158,557	\$156,990	\$143,762	\$175,295	\$327,173	\$411,475	\$293,202	\$421,612	\$379,325	\$2,467,392
4	\$41,523	\$40,704	\$39,416	\$53,749	\$168,949	\$263,924	\$191,985	\$254,624	\$207,318	\$1,262,193
5	\$117,034	\$116,286	\$104,346	\$121,546	\$158,224	\$147,551	\$101,218	\$166,988	\$172,006	\$1,205,199

- 1 Page 11, column (f), total/10
- 2 Page 11, column (p), total
- 3 Page 11, column (q), total
- 4 Page 11, column (s), total
- 5 Page 11, column (t), total

National Grid - RI Gas
On-System Margin Details (Firm)

Assigned #	Month Charges Apply To	Banner Bill Date	Sales or Trans	Customer	Usage (therms)	Commodity Rate (per therm)	Commodity Charge	Distribution Rate (per therm)	Distribution Charge	Sales Tax	GEI	Efficiency Surcharge	Other Charges	DAC	Total Revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	
																				(a)
26	Oct-12	Oct-12	Trans	300	47,471	N/A	1,272	\$ 0.0268	\$ 1,272	\$ 191	\$ 1,823	\$ 191	\$ 517	\$ 7,700	\$ 5,157	\$ -	\$ -	\$ -	\$ 5,157	\$ 5,157
26	Nov-12	Nov-12	Trans	300	48,564	N/A	1,302	\$ 0.0268	\$ 1,302	\$ 1	\$ 1,865	\$ 1	\$ 529	\$ 7,593	\$ 5,187	\$ -	\$ -	\$ -	\$ 5,187	\$ 5,187
26	Dec-12	Dec-12	Trans	300	48,764	N/A	1,307	\$ 0.0268	\$ 1,307	\$ 1	\$ 1,873	\$ 1	\$ 556	\$ 7,293	\$ 4,852	\$ -	\$ -	\$ -	\$ 4,852	\$ 4,852
26	Jan-13	Jan-13	Trans	300	48,411	N/A	1,297	\$ 0.0268	\$ 1,297	\$ 92	\$ 1,859	\$ 92	\$ 552	\$ 7,537	\$ 4,843	\$ -	\$ -	\$ -	\$ 4,843	\$ 4,843
27	Jul-12	Jul-12	Trans	300	0	N/A	\$ -	\$ 0.0348	\$ -	\$ 55	\$ 867	\$ 55	\$ -	\$ 28,939	\$ 28,018	\$ -	\$ -	\$ -	\$ 28,018	\$ 28,018
27	Aug-12	Aug-12	Trans	300	0	N/A	\$ -	\$ 0.0348	\$ -	\$ 110	\$ 867	\$ 110	\$ -	\$ 28,885	\$ 28,018	\$ -	\$ -	\$ -	\$ 28,018	\$ 28,018
27	Sep-12	Sep-12	Trans	300	1,499	N/A	\$ 52	\$ 0.0348	\$ 52	\$ 871	\$ 867	\$ 58	\$ 20	\$ 29,019	\$ 28,070	\$ -	\$ -	\$ -	\$ 28,070	\$ 28,070
27	Oct-12	Oct-12	Trans	300	202,463	N/A	\$ 7,045	\$ 0.0348	\$ 7,045	\$ 1	\$ 2,693	\$ 1	\$ 665	\$ 66,967	\$ 35,063	\$ -	\$ -	\$ -	\$ 35,063	\$ 35,063
27	Nov-12	Nov-12	Trans	300	479,524	N/A	\$ 16,687	\$ 0.0348	\$ 16,687	\$ 1	\$ 6,665	\$ 1	\$ 6,665	\$ 66,967	\$ 39,878	\$ -	\$ -	\$ -	\$ 39,878	\$ 39,878
27	Dec-12	Dec-12	Trans	300	542,007	N/A	\$ 18,862	\$ 0.0348	\$ 18,862	\$ 4,550	\$ 7,534	\$ 4,550	\$ 7,534	\$ 68,026	\$ 42,053	\$ -	\$ -	\$ -	\$ 42,053	\$ 42,053
30	Jul-12	Jul-12	Trans	300	429	N/A	\$ 70	\$ 0.1638	\$ 70	\$ 16	\$ 23	\$ 16	\$ 10	\$ 778	\$ 728	\$ -	\$ -	\$ -	\$ 728	\$ 728
30	Aug-12	Aug-12	Trans	300	384	N/A	\$ 63	\$ 0.1638	\$ 63	\$ 15	\$ 23	\$ 15	\$ 9	\$ 768	\$ 720	\$ -	\$ -	\$ -	\$ 720	\$ 720
30	Sep-12	Sep-12	Trans	300	345	N/A	\$ 56	\$ 0.1638	\$ 56	\$ 23	\$ 13	\$ 20	\$ 8	\$ 778	\$ 714	\$ -	\$ -	\$ -	\$ 714	\$ 714
30	Oct-12	Oct-12	Trans	300	481	N/A	\$ 79	\$ 0.1638	\$ 79	\$ 24	\$ 18	\$ 18	\$ 11	\$ 790	\$ 736	\$ -	\$ -	\$ -	\$ 736	\$ 736
30	Nov-12	Nov-12	Trans	300	1,349	N/A	\$ 221	\$ 0.1638	\$ 221	\$ 30	\$ 52	\$ 33	\$ 31	\$ 991	\$ 878	\$ -	\$ -	\$ -	\$ 878	\$ 878
30	Dec-12	Dec-12	Trans	300	8,664	N/A	\$ 1,419	\$ 0.1638	\$ 1,419	\$ 77	\$ 333	\$ 333	\$ 209	\$ 2,579	\$ 1,959	\$ -	\$ -	\$ -	\$ 1,959	\$ 1,959
31	Jan-13	Jan-13	Trans	300	10,178	N/A	\$ 1,667	\$ 0.1638	\$ 1,667	\$ 88	\$ 391	\$ 391	\$ 245	\$ 2,932	\$ 2,207	\$ -	\$ -	\$ -	\$ 2,207	\$ 2,207
31	Feb-13	Feb-13	Trans	300	6,045	N/A	\$ 4,773	\$ 0.1638	\$ 4,773	\$ 219	\$ 232	\$ 232	\$ 138	\$ 3,112	\$ 2,063	\$ -	\$ -	\$ -	\$ 2,063	\$ 2,063
31	Mar-13	Mar-13	Trans	300	935	N/A	\$ 739	\$ 0.1638	\$ 739	\$ 66	\$ 36	\$ 36	\$ 27	\$ 3,220	\$ 2,737	\$ -	\$ -	\$ -	\$ 2,737	\$ 2,737
31	Apr-13	Apr-13	Trans	300	1,680	N/A	\$ 1,327	\$ 0.1638	\$ 1,327	\$ 87	\$ 65	\$ 65	\$ 22	\$ 4,448	\$ 3,220	\$ -	\$ -	\$ -	\$ 3,220	\$ 3,220
31	May-13	May-13	Trans	300	3,271	N/A	\$ 2,583	\$ 0.1638	\$ 2,583	\$ 130	\$ 126	\$ 126	\$ 44	\$ 4,552	\$ 4,048	\$ -	\$ -	\$ -	\$ 4,048	\$ 4,048
31	Jun-13	Jun-13	Trans	300	13,672	N/A	\$ 10,796	\$ 0.1638	\$ 10,796	\$ 412	\$ 525	\$ 525	\$ 182	\$ 13,743	\$ 12,623	\$ -	\$ -	\$ -	\$ 12,623	\$ 12,623
31	Jul-13	Jul-13	Trans	300	20,084	N/A	\$ 13,406	\$ 0.1638	\$ 13,406	\$ 536	\$ 771	\$ 771	\$ 279	\$ 17,866	\$ 16,279	\$ -	\$ -	\$ -	\$ 16,279	\$ 16,279
31	Aug-13	Aug-13	Trans	300	30,984	N/A	\$ 20,682	\$ 0.1638	\$ 20,682	\$ 791	\$ 1,195	\$ 1,195	\$ 607	\$ 26,958	\$ 23,934	\$ -	\$ -	\$ -	\$ 23,934	\$ 23,934
32	Sep-12	Sep-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 89	\$ 38	\$ 38	\$ 1	\$ 1,368	\$ 1,239	\$ -	\$ -	\$ -	\$ 1,239	\$ 1,239
32	Oct-12	Oct-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 89	\$ 38	\$ 38	\$ 1	\$ 1,368	\$ 1,239	\$ -	\$ -	\$ -	\$ 1,239	\$ 1,239
32	Nov-12	Nov-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 89	\$ 38	\$ 38	\$ 1	\$ 1,368	\$ 1,239	\$ -	\$ -	\$ -	\$ 1,239	\$ 1,239
32	Dec-12	Dec-12	Trans	300	2,583	N/A	\$ 423	\$ 0.1638	\$ 423	\$ 36	\$ 99	\$ 99	\$ 59	\$ 2,009	\$ 1,662	\$ -	\$ -	\$ -	\$ 1,662	\$ 1,662
32	Jan-13	Jan-13	Trans	300	14,421	N/A	\$ 3,152	\$ 0.1638	\$ 3,152	\$ 311	\$ 333	\$ 333	\$ 348	\$ 4,753	\$ 3,407	\$ -	\$ -	\$ -	\$ 3,407	\$ 3,407
32	Feb-13	Feb-13	Trans	300	19,242	N/A	\$ 3,152	\$ 0.1638	\$ 3,152	\$ 390	\$ 167	\$ 167	\$ 14	\$ 5,957	\$ 4,196	\$ -	\$ -	\$ -	\$ 4,196	\$ 4,196
32	Mar-13	Mar-13	Trans	300	630	N/A	\$ 497	\$ 0.1638	\$ 497	\$ 55	\$ 55	\$ 24	\$ 14	\$ 1,975	\$ 1,751	\$ -	\$ -	\$ -	\$ 1,751	\$ 1,751
32	Apr-13	Apr-13	Trans	300	497	N/A	\$ 392	\$ 0.1638	\$ 392	\$ 119	\$ 51	\$ 19	\$ 14	\$ 960	\$ 820	\$ -	\$ -	\$ -	\$ 820	\$ 820
32	May-13	May-13	Trans	300	606	N/A	\$ 479	\$ 0.1638	\$ 479	\$ 99	\$ 66	\$ 66	\$ 23	\$ 1,948	\$ 1,624	\$ -	\$ -	\$ -	\$ 1,624	\$ 1,624
32	Jun-13	Jun-13	Trans	300	3,557	N/A	\$ 2,809	\$ 0.1638	\$ 2,809	\$ 583	\$ 547	\$ 547	\$ 81	\$ 5,251	\$ 4,420	\$ -	\$ -	\$ -	\$ 4,420	\$ 4,420
32	Jul-13	Jul-13	Trans	300	11,420	N/A	\$ 8,584	\$ 0.1638	\$ 8,584	\$ 1,871	\$ 375	\$ 375	\$ 439	\$ 13,374	\$ 11,420	\$ -	\$ -	\$ -	\$ 11,420	\$ 11,420
32	Aug-13	Aug-13	Trans	300	17,581	N/A	\$ 11,735	\$ 0.1638	\$ 11,735	\$ 2,880	\$ 613	\$ 613	\$ 524	\$ 18,400	\$ 15,581	\$ -	\$ -	\$ -	\$ 15,581	\$ 15,581
32	Sep-13	Sep-13	Trans	300	22,525	N/A	\$ 15,035	\$ 0.1638	\$ 15,035	\$ 1,525	\$ 275	\$ 275	\$ 379	\$ 19,691	\$ 16,750	\$ -	\$ -	\$ -	\$ 16,750	\$ 16,750
32	Oct-13	Oct-13	Trans	300	98,734	N/A	\$ 3,767	\$ 0.0348	\$ 3,767	\$ 301	\$ 4,156	\$ 4,156	\$ 1,505	\$ 10,030	\$ 8,376	\$ -	\$ -	\$ -	\$ 8,376	\$ 8,376
32	Nov-13	Nov-13	Trans	300	128,931	N/A	\$ 4,487	\$ 0.0348	\$ 4,487	\$ 369	\$ 5,338	\$ 5,338	\$ 1,792	\$ 12,286	\$ 10,467	\$ -	\$ -	\$ -	\$ 10,467	\$ 10,467
32	Dec-13	Dec-13	Trans	300	610	N/A	\$ 482	\$ 0.1638	\$ 482	\$ 41	\$ 23	\$ 23	\$ 449	\$ 1,801	\$ 1,274	\$ -	\$ -	\$ -	\$ 1,274	\$ 1,274
39	Jul-12	Jul-12	Trans	300	159	N/A	\$ 126	\$ 0.7896	\$ 126	\$ 26	\$ 6	\$ 26	\$ 383	\$ 1,263	\$ 844	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896
39	Aug-12	Aug-12	Trans	300	135	N/A	\$ 106	\$ 0.7896	\$ 106	\$ 26	\$ 5	\$ 26	\$ 3	\$ 855	\$ 820	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896
39	Sep-12	Sep-12	Trans	300	598	N/A	\$ 472	\$ 0.7896	\$ 472	\$ 40	\$ 23	\$ 23	\$ 523	\$ 1,862	\$ 1,262	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896
39	Oct-12	Oct-12	Trans	300	2,736	N/A	\$ 2,160	\$ 0.7896	\$ 2,160	\$ 107	\$ 105	\$ 105	\$ 62	\$ 3,576	\$ 3,000	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896	\$ 7,896
39	Nov-12	Nov-12	Trans	300	5,486	N/A	\$ 3,705	\$ 0.6754	\$ 3,705	\$ 171	\$ 211	\$ 211	\$ 132	\$ 5,714	\$ 5,199	\$ 6,753	\$ 6,753	\$ 6,753	\$ 6,753	\$ 6,753
39	Dec-12	Dec-12	Trans	300	12,123	N/A	\$ 8,092	\$ 0.6675	\$ 8,092	\$ 354	\$ 466	\$ 466	\$ 546	\$ 12,331	\$ 10,674	\$ 6,750	\$ 6,750	\$ 6,750	\$ 6,750	\$ 6,750
39	Jan-13	Jan-13	Trans	300	42,948	N/A	\$ 1,957	\$ 0.0268	\$ 1,957	\$ 304	\$ 1,649	\$ 1,649	\$ 1	\$ 10,144	\$ 7,721	\$ -	\$ -	\$ -	\$ 7,721	\$ 7,721
39	Feb-13	Feb-13	Trans	300	34,978	N/A	\$ 937	\$ 0.0268	\$ 937	\$ 304	\$ 1,343	\$ 1,343	\$ 381	\$ 10,519	\$ 7,508	\$ -	\$ -	\$ -	\$ 7,508	\$ 7,508
39	Mar-13	Mar-13	Trans	300	37,005	N/A	\$ 992	\$ 0.0268	\$ 992	\$ 290	\$ 1,421	\$ 1,421	\$ 403	\$ 10,477	\$ 7,562	\$ -	\$ -	\$ -	\$ 7,562	\$ 7,562
39	Apr-13	Apr-13	Trans	300	47,200	N/A	\$ 1,265	\$ 0.0268	\$ 1,265	\$ 314	\$ 1,812	\$ 1,812	\$ 514	\$ 10,477	\$ 7,835	\$ -	\$ -	\$ -	\$ 7,835	\$ 7,835
39	May-13	May-13	Trans	300	65,155	N/A	\$ 1,746	\$ 0.0268	\$ 1,746	\$ 357	\$ 2,502	\$ 2,502	\$ 710	\$ 11,886	\$ 8,316	\$ -	\$ -	\$ -	\$ 8,316	\$ 8,316
39	Jun-13	Jun-13	Trans	300	92,440	N/A	\$ 2,477	\$ 0.0268	\$ 2,477	\$ 400	\$ 3,550	\$ 3,550	\$ 1,054	\$ 13,328	\$ 10,674	\$ -	\$ -	\$ -	\$ 10,674	\$ 10,674
39	Jul-13	Jul-13	Trans	300	97,931	N/A	\$ 2,625	\$ 0.0268	\$ 2,625	\$ 413	\$ 3,761	\$ 3,761	\$ 1,116	\$ 15,376	\$ 12,321	\$ -	\$ -	\$ -	\$ 12,321	\$ 12,321
40	Aug-12	Aug-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 20	\$ 20	\$ 20	\$ 1	\$ 675	\$ 654	\$ -	\$ -	\$ -	\$ 654	\$ 654
40	Sep-12	Sep-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 20	\$ 20	\$ 20	\$ 1	\$ 675	\$ 654	\$ -	\$ -	\$ -	\$ 654	\$ 654
40	Oct-12	Oct-12	Trans	300	0	N/A	\$ -	\$ 0.1638	\$ -	\$ 20</										

National Grid - RI Gas
On-System Margin Details (Firm)

Assigned #	Month Charges Apply To	Banner Bill Date	Sales or Trans	Demand Charge	Customer Charge	Usage (therms)	Commodity Charge	Commodity Rate (per therm)	Distribution Charge	Distribution Rate (per therm)	Sales Tax	GEI	Efficiency Surcharge	Other Charges	DAC	Total Revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
43	Oct-12	Oct-12	Sales	\$ 322	\$ 60	865	\$ 683	\$ 0.7896	\$ 139	\$ 0.1603	\$ 91	\$ 39	\$ 33	\$ 1	\$ 21	\$ 1,388	\$ 1,204	\$ 7,8960	\$ 683	\$ 520
43	Nov-12	Nov-12	Sales	\$ 239	\$ 60	4,850	\$ 3,276	\$ 0.6754	\$ 778	\$ 0.1603	\$ 350	\$ 150	\$ 186	\$ 1	\$ 306	\$ 5,344	\$ 4,352	\$ 6,7538	\$ 3,276	\$ 1,076
43	Dec-12	Dec-12	Sales	\$ 239	\$ 60	631	\$ 421	\$ 0.6675	\$ 108	\$ 0.1603	\$ 64	\$ 27	\$ 24	\$ 1	\$ 41	\$ 979	\$ 821	\$ 6,6750	\$ 421	\$ 400
43	Jan-13	Jan-13	Sales	\$ 239	\$ 60	5,697	\$ 3,803	\$ 0.6675	\$ 913	\$ 0.1603	\$ 406	\$ 174	\$ 236	\$ 1	\$ 374	\$ 6,205	\$ 5,014	\$ 6,6750	\$ 3,803	\$ 1,212
44	Jul-12	Jul-12	Trans	\$ 5,224	\$ 300	31,179	N/A		\$ 836	\$ 0.0268	N/A	\$ 244	\$ 1,197	\$ 1	\$ 340	\$ 8,141	\$ 6,359	\$ -	\$ -	\$ 6,359
44	Aug-12	Aug-12	Trans	\$ 5,224	\$ 300	25,696	N/A		\$ 689	\$ 0.0268	N/A	\$ 231	\$ 987	\$ 1	\$ 280	\$ 7,711	\$ 6,212	\$ -	\$ -	\$ 6,212
44	Sep-12	Sep-12	Trans	\$ 5,224	\$ 300	24,257	N/A		\$ 650	\$ 0.0268	N/A	\$ 228	\$ 931	\$ 103	\$ 264	\$ 7,700	\$ 6,174	\$ -	\$ -	\$ 6,174
44	Oct-12	Oct-12	Trans	\$ 5,224	\$ 300	25,904	N/A		\$ 694	\$ 0.0268	N/A	\$ 232	\$ 995	\$ 1	\$ 282	\$ 7,728	\$ 6,218	\$ -	\$ -	\$ 6,218
44	Nov-12	Nov-12	Trans	\$ 5,224	\$ 300	41,332	N/A		\$ 1,108	\$ 0.0268	N/A	\$ 268	\$ 1,587	\$ 1	\$ 451	\$ 8,938	\$ 6,631	\$ -	\$ -	\$ 6,631
44	Dec-12	Dec-12	Trans	\$ 4,023	\$ 300	59,322	N/A		\$ 1,590	\$ 0.0268	N/A	\$ 274	\$ 2,278	\$ 1	\$ 676	\$ 9,142	\$ 5,913	\$ -	\$ -	\$ 5,913
44	Jan-13	Jan-13	Trans	\$ 4,023	\$ 300	66,355	N/A		\$ 1,778	\$ 0.0268	N/A	\$ 291	\$ 2,548	\$ 1	\$ 756	\$ 9,698	\$ 6,101	\$ -	\$ -	\$ 6,101
46	Jul-12	Jul-12	Trans	\$ 1,057	\$ 120	9,189	N/A		\$ 821	\$ 0.0894	N/A	\$ 4	\$ 353	\$ 1	\$ 166	\$ 2,522	\$ 1,998	\$ -	\$ -	\$ 1,998
46	Aug-12	Aug-12	Trans	\$ 1,057	\$ 120	4,826	N/A		\$ 431	\$ 0.0894	N/A	\$ 3	\$ 185	\$ 1	\$ 87	\$ 1,885	\$ 1,608	\$ -	\$ -	\$ 1,608
46	Sep-12	Sep-12	Trans	\$ 1,057	\$ 120	9,055	N/A		\$ 810	\$ 0.0894	N/A	\$ 4	\$ 348	\$ 1	\$ 164	\$ 2,503	\$ 1,987	\$ -	\$ -	\$ 1,987
46	Oct-12	Oct-12	Trans	\$ 1,057	\$ 120	9,220	N/A		\$ 824	\$ 0.0894	N/A	\$ 4	\$ 354	\$ 1	\$ 167	\$ 2,527	\$ 2,001	\$ -	\$ -	\$ 2,001
46	Nov-12	Nov-12	Trans	\$ 1,057	\$ 120	9,714	N/A		\$ 868	\$ 0.0894	N/A	\$ 4	\$ 373	\$ 1	\$ 176	\$ 2,599	\$ 2,045	\$ -	\$ -	\$ 2,045
46	Dec-12	Dec-12	Trans	\$ 932	\$ 120	13,225	N/A		\$ 1,182	\$ 0.0894	N/A	\$ 5	\$ 508	\$ 1	\$ 259	\$ 3,007	\$ 2,234	\$ -	\$ -	\$ 2,234
46	Jan-13	Jan-13	Trans	\$ 932	\$ 120	17,304	N/A		\$ 1,547	\$ 0.0894	N/A	\$ 6	\$ 664	\$ 38	\$ 339	\$ 3,646	\$ 2,599	\$ -	\$ -	\$ 2,599
47	Jul-12	Jul-12	Sales	\$ 728	\$ 120	3,801	\$ 3,001	\$ 0.7896	\$ 623	\$ 0.1638	\$ 146	\$ 90	\$ 87	\$ 1	\$ 87	\$ 11,941	\$ 9,348	\$ 6,1930	\$ 3,001	\$ 1,471
47	Aug-12	Aug-12	Sales	\$ 728	\$ 120	3,002	\$ 2,370	\$ 0.7896	\$ 492	\$ 0.1638	\$ 120	\$ 115	\$ 73	\$ 68	\$ 68	\$ 10,613	\$ 10,613	\$ 6,1930	\$ 8,661	\$ 1,952
47	Sep-12	Sep-12	Sales	\$ 1,008	\$ 120	3,522	\$ 2,629	\$ 0.7464	\$ 315	\$ 0.0894	\$ 140	\$ 132	\$ 135	\$ 63	\$ 64	\$ 36,412	\$ 32,932	\$ 7,4640	\$ 28,892	\$ 4,040
47	Oct-12	Oct-12	Sales	\$ 1,008	\$ 120	3,805	\$ 2,840	\$ 0.7464	\$ 340	\$ 0.0894	\$ 140	\$ 146	\$ 146	\$ 68	\$ 69	\$ 36,412	\$ 32,932	\$ 7,4640	\$ 25,264	\$ 3,909
47	Nov-12	Nov-12	Sales	\$ 881	\$ 120	4,550	\$ 3,396	\$ 0.7464	\$ 407	\$ 0.0894	\$ 147	\$ 175	\$ 175	\$ 1	\$ 82	\$ 35,688	\$ 32,217	\$ 7,4640	\$ 28,202	\$ 4,015
47	Dec-12	Dec-12	Sales	\$ 581	\$ 120	12,985	\$ 7,556	\$ 0.6193	\$ 1,091	\$ 0.0894	\$ 311	\$ 469	\$ 546	\$ 154	\$ 274	\$ 28,458	\$ 25,580	\$ 7,4640	\$ 21,795	\$ 3,785
47	Jan-13	Jan-13	Sales	\$ 581	\$ 120	13,985	\$ 8,661	\$ 0.6193	\$ 1,250	\$ 0.0894	\$ 354	\$ 546	\$ 546	\$ 154	\$ 274	\$ 28,458	\$ 25,580	\$ 7,4640	\$ 17,505	\$ 3,050
48	Jul-12	Jul-12	Sales	\$ 2,702	\$ 300	38,709	\$ 28,892	\$ 0.7464	\$ 1,037	\$ 0.0268	\$ 1,078	\$ 1,486	\$ 494	\$ 422	\$ 422	\$ 11,941	\$ 10,613	\$ 6,1930	\$ 8,661	\$ 1,952
48	Aug-12	Aug-12	Sales	\$ 2,702	\$ 300	33,848	\$ 25,264	\$ 0.7464	\$ 907	\$ 0.0268	\$ 954	\$ 1,300	\$ 599	\$ 369	\$ 369	\$ 36,412	\$ 32,932	\$ 7,4640	\$ 25,264	\$ 3,909
48	Sep-12	Sep-12	Sales	\$ 2,702	\$ 300	37,784	\$ 28,202	\$ 0.7464	\$ 1,013	\$ 0.0268	\$ 1,054	\$ 1,451	\$ 555	\$ 412	\$ 412	\$ 35,688	\$ 32,217	\$ 7,4640	\$ 28,202	\$ 4,015
48	Oct-12	Oct-12	Sales	\$ 2,702	\$ 300	29,200	\$ 21,795	\$ 0.7464	\$ 783	\$ 0.0268	\$ 836	\$ 1,121	\$ 603	\$ 318	\$ 318	\$ 28,458	\$ 25,580	\$ 7,4640	\$ 21,795	\$ 3,785
48	Nov-12	Nov-12	Sales	\$ 2,122	\$ 300	23,453	\$ 17,305	\$ 0.7464	\$ 629	\$ 0.0268	\$ 672	\$ 901	\$ 1	\$ 256	\$ 256	\$ 22,384	\$ 20,536	\$ 7,4640	\$ 17,505	\$ 3,050
48	Dec-12	Dec-12	Sales	\$ 2,122	\$ 300	51,838	\$ 32,103	\$ 0.6193	\$ 1,389	\$ 0.0268	\$ 1,191	\$ 1,991	\$ 1	\$ 591	\$ 591	\$ 39,687	\$ 35,914	\$ 6,1930	\$ 32,103	\$ 3,811
48	Jan-13	Jan-13	Sales	\$ 2,122	\$ 300	50,038	\$ 30,989	\$ 0.6193	\$ 1,341	\$ 0.0268	\$ 1,153	\$ 1,955	\$ 1,187	\$ 570	\$ 570	\$ 39,687	\$ 34,752	\$ 6,1930	\$ 30,989	\$ 3,811
49	Jul-12	Jul-12	Sales	\$ 68	\$ 60	0	\$ 0	\$ 0.7896	\$ -	\$ 0.1603	\$ 4	\$ 4	\$ -	\$ -	\$ -	\$ 133	\$ 128	\$ 7,8960	\$ 128	\$ 128
49	Aug-12	Aug-12	Sales	\$ 68	\$ 60	0	\$ 0	\$ 0.7896	\$ -	\$ 0.1603	\$ 4	\$ 4	\$ -	\$ -	\$ -	\$ 133	\$ 128	\$ 7,8960	\$ 128	\$ 128
49	Sep-12	Sep-12	Sales	\$ 68	\$ 60	452	\$ 357	\$ 0.7896	\$ 72	\$ 0.1603	\$ 18	\$ 17	\$ 1	\$ 11	\$ 11	\$ 604	\$ 557	\$ 8,960	\$ 357	\$ 200
49	Oct-12	Oct-12	Sales	\$ 101	\$ 60	1,349	\$ 936	\$ 0.6934	\$ 216	\$ 0.1603	\$ 45	\$ 52	\$ 52	\$ 1	\$ 77	\$ 1,487	\$ 1,313	\$ 6,9340	\$ 936	\$ 378
49	Nov-12	Nov-12	Sales	\$ 81	\$ 48	1,478	\$ 987	\$ 0.6675	\$ 237	\$ 0.1603	\$ 47	\$ 57	\$ 57	\$ 1	\$ 97	\$ 1,554	\$ 1,353	\$ 6,6750	\$ 987	\$ 366
49	Dec-12	Dec-12	Sales	\$ 101	\$ 60	2,988	\$ 1,995	\$ 0.6675	\$ 479	\$ 0.1603	\$ 91	\$ 121	\$ 1	\$ 196	\$ 196	\$ 3,044	\$ 2,635	\$ 6,6750	\$ 1,995	\$ 640
52	Aug-12	Aug-12	Trans	\$ 176	\$ 60	2	N/A		\$ 0	\$ 0.1603	\$ 7	\$ 7	\$ 0	\$ 4	\$ 4	\$ 244	\$ 236	\$ -	\$ -	\$ 236
52	Sep-12	Sep-12	Trans	\$ 176	\$ 60	0	N/A		\$ 0	\$ 0.1603	\$ 7	\$ 7	\$ 0	\$ 1	\$ 1	\$ 244	\$ 236	\$ -	\$ -	\$ 236
52	Oct-12	Oct-12	Trans	\$ 176	\$ 60	10	N/A		\$ 2	\$ 0.1603	\$ 7	\$ 7	\$ 0	\$ 4	\$ 4	\$ 250	\$ 238	\$ -	\$ -	\$ 238
52	Nov-12	Nov-12	Trans	\$ 176	\$ 60	64	N/A		\$ 10	\$ 0.1603	\$ 8	\$ 8	\$ 2	\$ 1	\$ 2	\$ 259	\$ 246	\$ -	\$ -	\$ 246
52	Dec-12	Dec-12	Trans	\$ 119	\$ 60	0	N/A		\$ -	\$ 0.1603	\$ 6	\$ 6	\$ -	\$ -	\$ -	\$ 185	\$ 179	\$ -	\$ -	\$ 179
52	Jan-13	Jan-13	Trans	\$ 119	\$ 60	0	N/A		\$ -	\$ 0.1603	\$ 6	\$ 6	\$ -	\$ -	\$ -	\$ 185	\$ 179	\$ -	\$ -	\$ 179
53	Jul-12	Jul-12	Trans	\$ 308	\$ 120	835	N/A		\$ 137	\$ 0.1638	\$ 19	\$ 32	\$ 1	\$ 19	\$ 19	\$ 636	\$ 565	\$ -	\$ -	\$ 565
53	Aug-12	Aug-12	Trans	\$ 308	\$ 120	721	N/A		\$ 118	\$ 0.1638	\$ 18	\$ 28	\$ 1	\$ 16	\$ 16	\$ 610	\$ 546	\$ -	\$ -	\$ 546
53	Sep-12	Sep-12	Trans	\$ 308	\$ 120	809	N/A		\$ 132	\$ 0.1638	\$ 19	\$ 31	\$ 9	\$ 18	\$ 18	\$ 638	\$ 561	\$ -	\$ -	\$ 561
53	Oct-12	Oct-12	Trans	\$ 308	\$ 120	1,013	N/A		\$ 166	\$ 0.1638	\$ 20	\$ 39	\$ 9	\$ 23	\$ 23	\$ 685	\$ 594	\$ -	\$ -	\$ 594
53	Nov-12	Nov-12	Trans	\$ 308	\$ 120	2,036	N/A		\$ 334	\$ 0.1638	\$ 27	\$ 78	\$ 1	\$ 46	\$ 46	\$ 915	\$ 762	\$ -	\$ -	\$ 762
53	Dec-12	Dec-12	Trans	\$ 279	\$ 120	5,489	N/A		\$ 899	\$ 0.1638	\$ 51	\$ 211	\$ 1	\$ 132	\$ 132	\$ 1,298	\$ 1,098	\$ -	\$ -	\$ 1,098
53	Jan-13	Jan-13	Trans	\$ 279	\$ 120	6,289	N/A		\$ 1,030	\$ 0.1638	\$ 56	\$ 242	\$ 1	\$ 152	\$ 152	\$ 1,880	\$ 1,430	\$ -	\$ -	\$ 1,430
56	Jul-12	Jul-12	Sales	\$ 441	\$ 120	0	\$ 0	\$ -	\$ 0	\$ 0.1638	\$ 41	\$ 17	\$ -	\$ 4,047	\$ -	\$ 4,666	\$ 561	\$ -	\$ -	\$ 561
56	Aug-12	Aug-12	Sales	\$ 441	\$ 120	0	\$ 0	\$ -	\$ 0	\$ 0.1638	\$ 41	\$ 17	\$ -	\$ 2,039	\$ -	\$ 2,668	\$ 561	\$ -	\$ -	\$ 561
56	Sep-12	Sep-12	Sales	\$ 441	\$ 120	0	\$ 0	\$ -	\$ 0	\$ 0.1638	\$ 41	\$ 17	\$ -	\$ 2,047	\$ -	\$ 2,668	\$ 561	\$ -	\$ -	\$ 561
56	Oct-12	Oct-12	Sales	\$ 441	\$ 120	422	\$ 333	\$ 0.7896	\$ 69	\$ 0.1638	\$ 71	\$ 31	\$ 16	\$ 34	\$ 34	\$ 1,125	\$ 963	\$ 7,8960	\$ 333	\$ 630
56	Nov-12	Nov-12	Sales	\$ 449	\$ 120	2,756	\$ 2,014	\$ 0.7307	\$ 451	\$ 0.1638	\$ 231	\$ 99	\$ 106	\$ 1	\$ 65	\$ 3,536	\$ 3,034	\$		

**National Grid - RI Gas
On-System Margin Details (Firm)**

Assigned #	Month Charges	Banner Bill Date	Sales or Trans	Demand Charge	Customer Charge	Usage (therms)	Commodity Charge	Commodity Rate	Distribution Charge	Distribution Rate	Sales Tax	GEI	Energy Efficiency Surcharge	Other Charges	DAC	Total Revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	
58	Sep-12	Sep-12	Sales	\$ 527	\$ 120	0	\$ -	\$ -	\$ -	\$ 0.1638	\$ -	\$ 1	\$ -	\$ -	\$ -	\$ 649	\$ 647	\$ -	\$ -	\$ 647	
58	Oct-12	Oct-12	Sales	\$ 527	\$ 120	79	\$ 63	\$ 0.7896	\$ 13	\$ 0.1638	\$ -	\$ 1	\$ 3	\$ -	\$ 2	\$ 730	\$ 723	\$ 7,8960	\$ 63	\$ 660	
58	Nov-12	Nov-12	Sales	\$ 393	\$ 120	2,494	\$ 1,822	\$ 0.7305	\$ 408	\$ 0.1638	\$ -	\$ 4	\$ 96	\$ 1	\$ 58	\$ 2,903	\$ 2,743	\$ 7,3052	\$ 1,822	\$ 922	
58	Dec-12	Dec-12	Sales	\$ 393	\$ 120	3,944	\$ 2,633	\$ 0.6675	\$ 646	\$ 0.1638	\$ -	\$ 6	\$ 151	\$ 1	\$ 95	\$ 4,045	\$ 3,792	\$ 6,6750	\$ 2,633	\$ 1,159	
58	Jan-13	Jan-13	Sales	\$ 393	\$ 120	9,678	\$ 6,460	\$ 0.6675	\$ 1,585	\$ 0.1638	\$ -	\$ 14	\$ 385	\$ 1	\$ 233	\$ 9,192	\$ 8,538	\$ 6,6750	\$ 6,460	\$ 2,098	
60	Jul-12	Jul-12	Trans	\$ 1,751	\$ 300	4,009	N/A	N/A	\$ 107	\$ 0.0268	\$ -	\$ 4	\$ 154	\$ 1	\$ 44	\$ 2,360	\$ 2,158	\$ -	\$ -	\$ 2,158	
60	Aug-12	Aug-12	Trans	\$ 1,751	\$ 300	5,118	N/A	N/A	\$ 137	\$ 0.0268	\$ -	\$ 4	\$ 197	\$ 1	\$ 56	\$ 2,445	\$ 2,188	\$ -	\$ -	\$ 2,188	
60	Sep-12	Sep-12	Trans	\$ 1,751	\$ 120	5,389	N/A	N/A	\$ 482	\$ 0.0894	\$ -	\$ 4	\$ 207	\$ 1	\$ 98	\$ 2,662	\$ 2,353	\$ -	\$ -	\$ 2,353	
60	Oct-12	Oct-12	Trans	\$ 1,751	\$ 120	4,848	N/A	N/A	\$ 433	\$ 0.0894	\$ -	\$ 4	\$ 186	\$ 1	\$ 88	\$ 2,583	\$ 2,304	\$ -	\$ -	\$ 2,304	
60	Nov-12	Nov-12	Trans	\$ 1,751	\$ 120	5,929	N/A	N/A	\$ 530	\$ 0.0894	\$ -	\$ 4	\$ 228	\$ 1	\$ 107	\$ 2,741	\$ 2,401	\$ -	\$ -	\$ 2,401	
60	Dec-12	Dec-12	Trans	\$ 552	\$ 120	6,501	N/A	N/A	\$ 581	\$ 0.0894	\$ -	\$ 3	\$ 250	\$ 1	\$ 127	\$ 1,634	\$ 1,253	\$ -	\$ -	\$ 1,253	
60	Jan-13	Jan-13	Trans	\$ 552	\$ 120	5,911	N/A	N/A	\$ 528	\$ 0.0894	\$ -	\$ 2	\$ 227	\$ 1	\$ 116	\$ 1,547	\$ 1,201	\$ -	\$ -	\$ 1,201	
62	Jul-12	Jul-12	Trans	\$ 576	\$ 120	0	N/A	N/A	\$ -	\$ 0.1638	\$ -	\$ 22	\$ -	\$ -	\$ -	\$ 718	\$ 696	\$ -	\$ -	\$ 696	
62	Aug-12	Aug-12	Trans	\$ 576	\$ 120	0	N/A	N/A	\$ -	\$ 0.1638	\$ -	\$ 22	\$ -	\$ -	\$ -	\$ 718	\$ 696	\$ -	\$ -	\$ 696	
62	Sep-12	Sep-12	Trans	\$ 576	\$ 120	0	N/A	N/A	\$ -	\$ 0.1638	\$ -	\$ 22	\$ -	\$ -	\$ -	\$ 718	\$ 696	\$ -	\$ -	\$ 696	
62	Oct-12	Oct-12	Trans	\$ 576	\$ 120	1,010	N/A	N/A	\$ 166	\$ 0.1638	\$ -	\$ 29	\$ 39	\$ 1	\$ 23	\$ 952	\$ 861	\$ -	\$ -	\$ 861	
62	Nov-12	Nov-12	Trans	\$ 485	\$ 120	5,627	N/A	N/A	\$ 922	\$ 0.1638	\$ -	\$ 58	\$ 216	\$ 1	\$ 134	\$ 1,935	\$ 1,526	\$ -	\$ -	\$ 1,526	
62	Dec-12	Dec-12	Trans	\$ 404	\$ 100	9,874	N/A	N/A	\$ 1,617	\$ 0.1638	\$ -	\$ 85	\$ 379	\$ 1	\$ 238	\$ 2,823	\$ 2,121	\$ -	\$ -	\$ 2,121	
62	Jan-13	Jan-13	Trans	\$ 485	\$ 120	12,254	N/A	N/A	\$ 2,007	\$ 0.1638	\$ -	\$ 105	\$ 497	\$ 1	\$ 295	\$ 3,510	\$ 2,612	\$ -	\$ -	\$ 2,612	
																\$ 2,321,725	\$ 1,747,412		\$ 547,884	\$ 1,199,529	

National Grid - RI Gas
On-System Margin Details (Non-Firm)

Assigned #	Month Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GFT	Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
3	Jul-12	Jul-12	Trans	\$ 485	0	N/A	N/A	\$ -	0.0616	\$ -	1	\$ -			\$ 487	\$ 485	\$ 3,507	\$ -	\$ 485	
5	Jul-12	Jul-12	Trans	\$ 485	88,900	N/A	N/A	\$ 5,476	0.0616	\$ -	290	\$ 3,414			\$ 9,666	\$ 5,961	\$ 3,507	\$ -	\$ 5,961	
6	Jul-12	Jul-12	Trans	\$ 485	11,173	N/A	N/A	\$ 688	0.0616	\$ -	290	\$ 3,414			\$ 9,666	\$ 1,173	\$ 3,507	\$ -	\$ 1,173	
8	Jul-12	Jul-12	Trans	\$ 275	806,715	N/A	N/A	\$ 49,694	0.0616	\$ 186	2,517	\$ 30,978			\$ 83,905	\$ 50,409	\$ 3,507	\$ -	\$ 50,409	
11	Jul-12	Jul-12	Trans	\$ 275	233,080	N/A	N/A	\$ 1,422	0.0616	\$ -	19	\$ 886			\$ 2,850	\$ 1,697	\$ 3,507	\$ -	\$ 1,697	
14	Jul-12	Jul-12	Sales	\$ 625	0	N/A	N/A	\$ 3,108	0.0616	\$ -	183	\$ 1,993			\$ 6,090	\$ 625	\$ 3,507	\$ -	\$ 625	
15	Jul-12	Jul-12	Trans	\$ 715	51,910	N/A	N/A	\$ 6,752	0.0616	\$ -	183	\$ 1,993			\$ 10,852	\$ 7,407	\$ 3,507	\$ -	\$ 7,407	
16	Jul-12	Jul-12	Trans	\$ 485	88,141	N/A	N/A	\$ 1,400	0.0616	\$ -	873	\$ 3,385			\$ 2,759	\$ 1,885	\$ 3,507	\$ -	\$ 1,885	
17	Jul-12	Jul-12	Trans	\$ 485	22,735	N/A	N/A	\$ 6,688	0.0616	\$ -	5	\$ 948			\$ 11,574	\$ 7,403	\$ 3,507	\$ -	\$ 7,403	
19	Jul-12	Jul-12	Trans	\$ 715	108,577	N/A	N/A	\$ 1,521	0.0616	\$ -	22	\$ -			\$ 3,190	\$ 2,236	\$ 3,507	\$ -	\$ 2,236	
20	Jul-12	Jul-12	Trans	\$ 715	24,696	N/A	N/A	\$ -	0.0616	\$ -	109	\$ 1,166			\$ 3,611	\$ 715	\$ 3,507	\$ -	\$ 715	
24	Jul-12	Jul-12	Trans	\$ 485	30,367	N/A	N/A	\$ 1,871	0.0616	\$ -	109	\$ 1,166			\$ 3,611	\$ 2,356	\$ 3,507	\$ -	\$ 2,356	
25	Jul-12	Jul-12	Trans	\$ 625	73,184	N/A	N/A	\$ 4,508	0.0616	\$ -	611	\$ 1,630			\$ 35,615	\$ 30,804	\$ 3,507	\$ 25,671	\$ 3,240	
28	Jul-12	Jul-12	Sales	\$ 625	42,458	N/A	N/A	\$ 2,615	0.0616	\$ 29	13	\$ -			\$ 20,376	\$ 18,133	\$ 3,507	\$ 14,893	\$ 3,240	
33	Jul-12	Jul-12	Sales	\$ 405	0	N/A	N/A	\$ -	0.0616	\$ -	13	\$ -			\$ 448	\$ 405	\$ 3,507	\$ -	\$ 405	
36	Jul-12	Jul-12	Trans	\$ 715	75,580	N/A	N/A	\$ 4,656	0.0616	\$ -	256	\$ 2,902			\$ 8,530	\$ 5,371	\$ 3,507	\$ -	\$ 5,371	
38	Jul-12	Jul-12	Trans	\$ 715	11,137	N/A	N/A	\$ 1,063	0.0616	\$ -	71	\$ 528			\$ 2,367	\$ 1,768	\$ 3,507	\$ -	\$ 1,768	
45	Jul-12	Jul-12	Sales	\$ 405	0	N/A	N/A	\$ 376	0.1372	\$ 104	45	\$ 105			\$ 1,590	\$ 1,336	\$ 3,507	\$ 960	\$ 376	
55	Aug-12	Aug-12	Sales	\$ 405	0	N/A	N/A	\$ -	0.0616	\$ -	3	\$ 428			\$ 406	\$ 405	\$ 3,507	\$ -	\$ 405	
54	Jul-12	Jul-12	Sales	\$ 405	11,137	N/A	N/A	\$ 686	0.0616	\$ -	3	\$ 428			\$ 1,832	\$ 1,401	\$ 3,507	\$ -	\$ 1,401	
67	Jul-12	Jul-12	Trans	\$ 715	234,715	N/A	N/A	\$ 14,458	0.0616	\$ -	287	\$ 3,380			\$ 15,174	\$ 15,173	\$ 3,507	\$ -	\$ 15,173	
3	Aug-12	Aug-12	Trans	\$ 485	88,030	N/A	N/A	\$ 5,423	0.0616	\$ -	1	\$ -			\$ 9,576	\$ 5,908	\$ 3,504	\$ -	\$ 5,908	
5	Aug-12	Aug-12	Trans	\$ 485	12,055	N/A	N/A	\$ 743	0.0616	\$ -	1	\$ 463			\$ 1,691	\$ 1,228	\$ 3,504	\$ -	\$ 1,228	
6	Aug-12	Aug-12	Trans	\$ 715	836,886	N/A	N/A	\$ 51,552	0.0616	\$ 128	2,610	\$ 32,136			\$ 87,142	\$ 52,267	\$ 3,504	\$ -	\$ 52,267	
8	Aug-12	Aug-12	Trans	\$ 275	23,642	N/A	N/A	\$ 1,456	0.0616	\$ 191	82	\$ 908			\$ 2,935	\$ 1,731	\$ 3,454	\$ -	\$ 1,731	
11	Aug-12	Aug-12	Trans	\$ (9,534)	0	N/A	N/A	\$ -	0.0616	\$ -	82	\$ 908			\$ (9,534)	\$ (9,534)	\$ 3,256	\$ -	\$ -	(9,534) adj to Jan-Jun-12
11	Jan-12	Jul-12	Trans	\$ 275	0	N/A	N/A	\$ 20	0.0616	\$ 20	9	\$ -			\$ 304	\$ 275	\$ 6,738	\$ -	\$ -	275 adj to Feb-12
11	Feb-12	Jul-12	Trans	\$ 275	0	N/A	N/A	\$ 20	0.0616	\$ 20	9	\$ -			\$ 304	\$ 275	\$ 5,169	\$ -	\$ -	275 adj to Feb-12
11	Mar-12	Jul-12	Trans	\$ 275	0	N/A	N/A	\$ 20	0.0616	\$ 20	9	\$ -			\$ 304	\$ 275	\$ 3,690	\$ -	\$ -	275 adj to Mar-12
11	Apr-12	Jul-12	Trans	\$ 275	30,886	N/A	N/A	\$ 1,903	0.0616	\$ 245	104	\$ 1,186			\$ 3,711	\$ 2,178	\$ 2,859	\$ -	\$ -	2,178 adj for Apr-12
11	May-12	Jul-12	Trans	\$ 275	29,701	N/A	N/A	\$ 1,809	0.0616	\$ 234	100	\$ 1,141			\$ 3,581	\$ 2,105	\$ 2,495	\$ -	\$ -	2,105 adj for May-12
11	Jun-12	Jul-12	Trans	\$ 275	25,797	N/A	N/A	\$ 1,389	0.0616	\$ 206	88	\$ 991			\$ 3,130	\$ 1,864	\$ 3,266	\$ -	\$ -	1,864 adj for Jun-12
14	Aug-12	Aug-12	Sales	\$ 625	0	N/A	N/A	\$ -	0.0616	\$ -	19	\$ -			\$ 654	\$ 625	\$ 3,454	\$ -	\$ 625	
14	Jun-12	Aug-12	Sales	\$ 715	50,864	N/A	N/A	\$ 3,133	0.0616	\$ 1	179	\$ 1,953			\$ (32,630)	\$ -	\$ 3,266	\$ -	\$ -	adj to Feb-Jun-12
15	Aug-12	Aug-12	Trans	\$ 715	91,605	N/A	N/A	\$ 7,017	0.0766	\$ -	1	\$ 582			\$ 5,982	\$ 3,848	\$ 3,454	\$ -	\$ 3,848	
16	Aug-12	Aug-12	Trans	\$ 485	34,569	N/A	N/A	\$ 2,129	0.0616	\$ -	166	\$ 3,518			\$ 11,415	\$ 7,732	\$ 3,454	\$ -	\$ 7,732	
17	Aug-12	Aug-12	Trans	\$ 715	86,976	N/A	N/A	\$ 5,358	0.0616	\$ -	1	\$ 582			\$ 3,943	\$ 2,614	\$ 3,454	\$ -	\$ 2,614	
19	Aug-12	Aug-12	Trans	\$ 715	36,194	N/A	N/A	\$ 2,230	0.0616	\$ -	53	\$ 3,340			\$ 9,466	\$ 6,073	\$ 3,454	\$ -	\$ 6,073	
20	Aug-12	Aug-12	Trans	\$ 715	0	N/A	N/A	\$ -	0.0616	\$ -	7	\$ 1,390			\$ 4,342	\$ 2,945	\$ 3,454	\$ -	\$ 2,945	
24	Aug-12	Aug-12	Trans	\$ 485	30,731	N/A	N/A	\$ 1,893	0.0616	\$ -	22	\$ -			\$ 945	\$ 715	\$ 3,454	\$ -	\$ 715	
25	Aug-12	Aug-12	Trans	\$ 625	0	N/A	N/A	\$ -	0.0616	\$ -	23	\$ -			\$ 3,901	\$ 2,378	\$ 3,454	\$ -	\$ 2,378	
28	Aug-12	Aug-12	Sales	\$ 625	54,217	N/A	N/A	\$ 3,340	0.0616	\$ -	110	\$ 1,180			\$ 24,755	\$ 22,672	\$ 3,454	\$ 18,707	\$ 3,965	
29	Aug-12	Aug-12	Sales	\$ 625	63,796	N/A	N/A	\$ 3,930	0.0616	\$ -	897	\$ 2,450			\$ 29,915	\$ 26,567	\$ 3,454	\$ 22,012	\$ 4,555	
33	Aug-12	Aug-12	Sales	\$ 405	0	N/A	N/A	\$ -	0.0616	\$ 29	13	\$ -			\$ 453	\$ 405	\$ 3,454	\$ -	\$ 405	
36	Aug-12	Aug-12	Trans	\$ 715	68,451	N/A	N/A	\$ 4,217	0.0616	\$ -	234	\$ 2,629			\$ 7,795	\$ 4,932	\$ 3,454	\$ -	\$ 4,932	
38	Aug-12	Aug-12	Trans	\$ 715	15,095	N/A	N/A	\$ 1,156	0.0766	\$ -	76	\$ 580			\$ 2,528	\$ 1,871	\$ 3,454	\$ -	\$ 1,871	
45	Apr-12	Aug-12	Sales	\$ 185	0	N/A	N/A	\$ -	0.0616	\$ 13	6	\$ -			\$ 194	\$ 185	\$ 2,859	\$ -	\$ -	185 adj for Apr-12
45	May-12	Aug-12	Sales	\$ 185	0	(12)	N/A	\$ -	0.0616	\$ 12	5	\$ -			\$ 200	\$ 173	\$ 2,495	\$ (12)	\$ -	185 adj for May-12
45	Jun-12	Aug-12	Sales	\$ 185	0	(3)	N/A	\$ -	0.0616	\$ 13	6	\$ -			\$ 201	\$ 186	\$ 3,256	\$ (3)	\$ -	185 adj for Jun-12
45	Aug-12	Aug-12	Sales	\$ 405	0	1	N/A	\$ -	0.0616	\$ 13	6	\$ -			\$ 205	\$ 186	\$ 3,507	\$ 1	\$ -	185 adj for July-12
54	Aug-12	Aug-12	Sales	\$ 405	0	N/A	N/A	\$ -	0.0616	\$ -	3	\$ 582			\$ 406	\$ 405	\$ 3,454	\$ -	\$ 405	
55	Aug-12	Aug-12	Trans	\$ 715	151,150	N/A	N/A	\$ 933	0.0616	\$ -	24	\$ -			\$ 2,257	\$ 1,648	\$ 3,454	\$ -	\$ 1,648	
67	Aug-12	Aug-12	Trans	\$ 485	138,009	N/A	N/A	\$ 8,301	0.0616	\$ -	12	\$ 487			\$ 9,229	\$ 9,216	\$ 3,454	\$ -	\$ 9,216	
3	Sep-12	Sep-12	Trans	\$ 485	80,208	N/A	N/A	\$ 4,941	0.0616	\$ -	263	\$ 3,080			\$ 8,770	\$ 5,426	\$ 3,212	\$ -	\$ 5,426	
5	Sep-12	Sep-12	Trans	\$ 485	21,044	N/A	N/A	\$ 1,296	0.0616	\$ -	808	\$ 3,080			\$ 2,590	\$ 1,781	\$ 3,212	\$ -	\$ 1,781	
6	Sep-12	Sep-12	Trans	\$ 715	708,024	N/A	N/A	\$ 43,614	0.0616	\$ 199	2,212	\$ 27,188			\$ 73,795	\$ 44,329	\$ 3,212	\$ -	\$ 44,329	
8	Sep-12	Sep-12	Trans	\$ 275	24,811	N/A	N/A	\$ 1,528	0.0616	\$ -	85	\$ 953			\$ 3,064	\$ 1,803	\$ 3,212	\$ -	\$ 1,803	
11	Sep-12	Sep-12	Sales	\$ 625	895	N/A	N/A	\$ 69	0.0766	\$ -	31	\$ 34			\$ 1,048	\$ 981	\$ 3,212	\$ 288	\$ 694	
14	Sep-12	Sep-12	Trans	\$ 715	71,040	N/A	N/A	\$ 4,376	0.0616	\$ -	242	\$ 2,728			\$ 8,062	\$ 5,091	\$ 3,212	\$ -	\$ 5,091	
15	Sep-12	Sep-12	Trans	\$ 715	113,724	N/A	N/A	\$ 8,711	0.0766	\$ -	812	\$ 4,367			\$ 13,937	\$ 9,426	\$ 3,212	\$ -	\$ 9,426	
16	Sep-12	Sep-12	Trans	\$ 485	21,134	N/A	N/A	\$ 1,302	0.0616	\$ -	144	\$ 81								

National Grid - RI Gas
On-System Margin Details (Non-Firm)

Assigned #	Month Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Commodity	Distribution charge	Distribution rate	Sales tax	GFT	Energy Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
54	Sep-12	Sep-12	Sales	\$ 405	9,026	N/A			\$ 556	\$ 0.0616	\$	\$	\$		\$	\$ 406	\$ 405	\$ 3,2123	\$	\$ 405	
55	Sep-12	Sep-12	Trans	\$ 715	154	N/A			\$ 10	\$ 0.0616	\$	\$ 3	\$ 347		\$	\$ 1,649	\$ 1,271	\$ 3,2123	\$	\$ 1,271	
67	Sep-12	Sep-12	Trans	\$ 485	74,919	N/A			\$ 4,615	\$ 0.0616	\$	\$ 1	\$ 2,877		\$	\$ 487	\$ 485	\$ 3,4810	\$	\$ 485	
3	Oct-12	Oct-12	Trans	\$ 485	13,795	N/A			\$ 850	\$ 0.0616	\$	\$ 247	\$ 830		\$	\$ 825	\$ 5,100	\$ 3,4810	\$	\$ 5,100	
5	Oct-12	Oct-12	Trans	\$ 485	707,395	N/A			\$ 49,119	\$ 0.0616	\$	\$ 2,488	\$ 30,620		\$	\$ 1,865	\$ 1,335	\$ 3,4810	\$	\$ 1,335	
8	Oct-12	Oct-12	Trans	\$ 715	28,430	N/A			\$ 1,753	\$ 0.0616	\$ 225	\$ 97	\$ 1,092		\$	\$ 3,443	\$ 49,834	\$ 3,4810	\$	\$ 49,834	
11	Oct-12	Oct-12	Sales	\$ 625	50,534	\$ 0.3481			\$ 3,822	\$ 0.0766	\$	\$ 743	\$ 1,941		\$	\$ 24,781	\$ 22,095	\$ 3,4810	\$ 17,598	\$ 4,497	
14	Oct-12	Oct-12	Sales	\$ 715	93,438	N/A			\$ 5,756	\$ 0.0616	\$	\$ 311	\$ 8,042		\$	\$ 24,801	\$ 16,758	\$ 3,4810	\$	\$ 16,758	
15	Oct-12	Oct-12	Trans	\$ 715	209,435	N/A			\$ 16,043	\$ 0.0766	\$	\$ 2,005	\$ 3,588		\$	\$ 3,901	\$ 2,589	\$ 3,4810	\$	\$ 2,589	
17	Oct-12	Oct-12	Trans	\$ 485	34,154	N/A			\$ 2,104	\$ 0.0616	\$	\$ 1,312	\$ 8,042		\$	\$ 5,938	\$ 3,932	\$ 3,4810	\$	\$ 3,932	
19	Oct-12	Oct-12	Trans	\$ 715	52,225	N/A			\$ 3,217	\$ 0.0616	\$	\$ 9	\$ 1,880		\$	\$ 5,622	\$ 3,732	\$ 3,4810	\$	\$ 3,732	
20	Oct-12	Oct-12	Trans	\$ 715	48,970	N/A			\$ 3,017	\$ 0.0616	\$	\$ 9	\$ 1,880		\$	\$ 5,622	\$ 3,732	\$ 3,4810	\$	\$ 3,732	
24	Oct-12	Oct-12	Trans	\$ 485	0	N/A			\$ 2,884	\$ 0.0616	\$	\$ 22	\$		\$	\$ 738	\$ 715	\$ 3,4810	\$	\$ 715	
25	Oct-12	Oct-12	Trans	\$ 485	46,812	N/A			\$ 2,884	\$ 0.0616	\$	\$ 160	\$ 1,798		\$	\$ 5,327	\$ 3,369	\$ 3,4810	\$	\$ 3,369	
28	Oct-12	Oct-12	Sales	\$ 625	64,180	\$ 0.3481			\$ 3,953	\$ 0.0616	\$	\$ 499	\$ 2,465		\$	\$ 29,385	\$ 26,919	\$ 3,4810	\$ 22,341	\$ 4,578	
29	Oct-12	Oct-12	Sales	\$ 625	34,615	\$ 0.3481			\$ 2,132	\$ 0.0616	\$ 29	\$	\$ 1,329		\$	\$ 16,656	\$ 14,807	\$ 3,4810	\$ 12,049	\$ 2,757	
33	Oct-12	Oct-12	Sales	\$ 405	0	\$			\$	\$	\$	\$	\$		\$	\$ 448	\$ 405	\$ 3,4810	\$	\$ 405	
36	Oct-12	Oct-12	Trans	\$ 715	59,158	N/A			\$ 3,644	\$ 0.0616	\$	\$ 205	\$ 2,272		\$	\$ 6,837	\$ 4,359	\$ 3,4810	\$	\$ 4,359	
38	Oct-12	Oct-12	Trans	\$ 715	57,304	N/A			\$ 4,389	\$ 0.0766	\$	\$ 226	\$ 2,200		\$	\$ 5,104	\$ 5,104	\$ 3,4810	\$	\$ 5,104	
45	Oct-12	Oct-12	Sales	\$ 185	5,059	\$ 1.761			\$ 694	\$ 0.1372	\$ 205	\$ 88	\$ 194		\$	\$ 3,127	\$ 2,640	\$ 3,4810	\$ 1,761	\$ 879	
54	Oct-12	Oct-12	Sales	\$ 405	0	\$			\$	\$	\$	\$	\$		\$	\$ 406	\$ 405	\$ 3,4810	\$	\$ 405	
55	Oct-12	Oct-12	Trans	\$ 715	12,730	N/A			\$ 784	\$ 0.0616	\$	\$ 3	\$ 489		\$	\$ 1,992	\$ 1,499	\$ 3,4810	\$	\$ 1,499	
67	Oct-12	Oct-12	Trans	\$ 485	44,427	N/A			\$	\$	\$	\$	\$		\$	\$ 716	\$ 715	\$ 3,4810	\$	\$ 715	
3	Nov-12	Nov-12	Trans	\$ 485	69,316	N/A			\$ 3,403	\$ 0.0766	\$	\$ 9	\$ 1,706		\$	\$ 5,604	\$ 3,888	\$ 4,2811	\$	\$ 3,888	
5	Nov-12	Nov-12	Trans	\$ 485	24,796	N/A			\$ 4,270	\$ 0.0616	\$	\$ 229	\$ 2,662		\$	\$ 7,647	\$ 4,755	\$ 4,2811	\$	\$ 4,755	
6	Nov-12	Nov-12	Trans	\$ 485	853,283	N/A			\$ 1,527	\$ 0.0616	\$	\$ 952	\$		\$	\$ 2,965	\$ 2,012	\$ 4,2811	\$	\$ 2,012	
8	Nov-12	Nov-12	Trans	\$ 715	853,283	N/A			\$ 52,562	\$ 0.0616	\$	\$ 2,661	\$ 32,766		\$	\$ 88,705	\$ 53,277	\$ 4,2811	\$	\$ 53,277	
11	Nov-12	Nov-12	Trans	\$ 275	0	N/A			\$	\$	\$ 20	\$ 9	\$		\$	\$ 304	\$ 275	\$ 4,2811	\$	\$ 275	
14	Nov-12	Nov-12	Sales	\$ 625	304,286	\$ 0.4281			\$ 23,398	\$ 0.0766	\$	\$ 5,131	\$ 11,685		\$	\$ 171,017	\$ 154,201	\$ 4,2811	\$ 130,268	\$ 33,933	
15	Nov-12	Nov-12	Trans	\$ 715	152,920	N/A			\$ 9,420	\$ 0.0616	\$	\$ 495	\$ 5,872		\$	\$ 16,503	\$ 10,135	\$ 4,2811	\$	\$ 10,135	
16	Nov-12	Nov-12	Trans	\$ 715	357,078	N/A			\$ 27,352	\$ 0.0766	\$	\$	\$ 13,712		\$	\$ 41,780	\$ 28,067	\$ 4,2811	\$	\$ 28,067	
17	Nov-12	Nov-12	Trans	\$ 485	18,435	N/A			\$ 1,136	\$ 0.0616	\$	\$	\$ 708		\$	\$ 2,329	\$ 1,621	\$ 4,2811	\$	\$ 1,621	
19	Nov-12	Nov-12	Trans	\$ 715	44,193	N/A			\$ 2,222	\$ 0.0616	\$	\$ 11	\$ 2,497		\$	\$ 5,135	\$ 3,437	\$ 4,2811	\$	\$ 3,437	
20	Nov-12	Nov-12	Trans	\$ 715	65,032	N/A			\$ 4,006	\$ 0.0616	\$	\$	\$		\$	\$ 7,230	\$ 4,721	\$ 4,2811	\$	\$ 4,721	
24	Nov-12	Nov-12	Trans	\$ 715	0	N/A			\$	\$	\$	\$ 22	\$		\$	\$ 738	\$ 715	\$ 4,2811	\$	\$ 715	
25	Nov-12	Nov-12	Trans	\$ 485	57,852	N/A			\$ 3,564	\$ 0.0616	\$	\$ 194	\$ 2,222		\$	\$ 6,465	\$ 4,049	\$ 4,2811	\$	\$ 4,049	
28	Nov-12	Nov-12	Sales	\$ 625	68,333	\$ 0.4281			\$ 4,211	\$ 0.0616	\$	\$	\$		\$	\$ 36,724	\$ 34,098	\$ 4,2811	\$ 29,263	\$ 4,836	
29	Nov-12	Nov-12	Sales	\$ 625	15,871	\$ 0.4281			\$ 978	\$ 0.0616	\$ 316	\$ 279	\$ 609		\$	\$ 9,286	\$ 6,795	\$ 4,2811	\$ 5,822	\$ 1,603	
33	Nov-12	Nov-12	Sales	\$ 405	6,031	\$ 2.582			\$ 1,160	\$ 0.1923	\$	\$ 135	\$ 232		\$	\$ 4,830	\$ 4,146	\$ 4,2811	\$ 2,582	\$ 1,565	
36	Nov-12	Nov-12	Sales	\$ 715	98,594	N/A			\$ 6,073	\$ 0.0616	\$	\$ 327	\$ 3,786		\$	\$ 10,902	\$ 6,788	\$ 4,2811	\$	\$ 6,788	
45	Nov-12	Nov-12	Sales	\$ 43	99	\$ 42			\$ 14	\$ 0.1372	\$ 7	\$ 3	\$ 4		\$	\$ 114	\$ 99	\$ 4,2811	\$ 42	\$ 57	
54	Nov-12	Nov-12	Sales	\$ 405	0	\$			\$	\$	\$	\$	\$		\$	\$ 406	\$ 405	\$ 4,2811	\$	\$ 405	
55	Nov-12	Nov-12	Trans	\$ 715	10,422	N/A			\$ 642	\$ 0.0616	\$	\$ 1	\$ 400		\$	\$ 1,761	\$ 1,357	\$ 4,2811	\$	\$ 1,357	
67	Nov-12	Nov-12	Trans	\$ 715	227	N/A			\$ 14	\$ 0.0616	\$	\$	\$		\$	\$ 730	\$ 729	\$ 4,2811	\$	\$ 729	
5	Dec-12	Dec-12	Trans	\$ 485	34,470	N/A			\$ 2,123	\$ 0.0616	\$	\$ 122	\$ 1,324		\$	\$ 4,054	\$ 2,608	\$ 6,2621	\$	\$ 2,608	
6	Dec-12	Dec-12	Trans	\$ 485	17,466	N/A			\$ 1,076	\$ 0.0616	\$	\$	\$ 671		\$	\$ 2,232	\$ 1,561	\$ 6,2621	\$	\$ 1,561	
8	Dec-12	Dec-12	Trans	\$ 715	752,920	N/A			\$ 46,380	\$ 0.0616	\$	\$ 2,351	\$ 28,912		\$	\$ 78,491	\$ 47,095	\$ 6,2621	\$	\$ 47,095	
11	Dec-12	Dec-12	Trans	\$ 275	0	N/A			\$	\$	\$ 20	\$ 9	\$		\$	\$ 331	\$ 275	\$ 6,2621	\$	\$ 275	
14	Dec-12	Dec-12	Sales	\$ 625	319,842	\$ 0.6262			\$ 24,500	\$ 0.0766	\$	\$ 7,351	\$ 12,282		\$	\$ 245,047	\$ 225,413	\$ 6,2621	\$ 200,288	\$ 25,125	
15	Dec-12	Dec-12	Trans	\$ 715	164,173	N/A			\$ 10,113	\$ 0.0616	\$	\$ 530	\$ 6,304		\$	\$ 47,619	\$ 10,828	\$ 6,2621	\$ 4,240	\$ 10,828	
16	Dec-12	Dec-12	Trans	\$ 715	378,613	\$ 4.240			\$ 29,002	\$ 0.0766	\$	\$	\$ 14,539		\$	\$ 33,957	\$ 33,957	\$ 6,2621	\$	\$ 6,683	
17	Dec-12	Dec-12	Trans	\$ 485	24,281	N/A			\$ 1,496	\$ 0.0616	\$	\$	\$ 932		\$	\$ 2,914	\$ 1,981	\$ 6,2621	\$	\$ 1,981	
19	Dec-12	Dec-12	Trans	\$ 715	22,322	N/A			\$ 1,375	\$ 0.0616	\$	\$	\$ 857		\$	\$ 2,974	\$ 2,090	\$ 6,2621	\$	\$ 2,090	
20	Dec-12	Dec-12	Trans	\$ 715	65,711	N/A			\$ 4,048	\$ 0.0616	\$	\$	\$		\$	\$ 7,298	\$ 4,763	\$ 6,2621	\$	\$ 4,763	
24	Dec-12	Dec-12	Trans	\$ 715	60,117	N/A			\$ 3,703	\$ 0.0616	\$	\$ 22	\$ 2,308		\$	\$ 959	\$ 715	\$ 6,2621	\$	\$ 715	
25	Dec-12	Dec-12	Trans	\$ 485	55,334	\$ 0.6262			\$ 3,409	\$ 0.0616	\$	\$ 201	\$ 2,125		\$	\$ 6,900	\$ 4,188	\$ 6,2621	\$ 34,650	\$ 4,034	
28	Dec-12	Dec-12	Sales	\$ 625	5,959	\$ 3.731			\$ 387	\$ 0.0616	\$	\$ 153	\$ 229		\$	\$ 40,810	\$ 38,684	\$ 6,2621	\$ 3,731	\$ 992	
29	Dec-12	Dec-12	Sales	\$ 405	10,672	\$ 6.683			\$ 2,652	\$ 0.1923	\$ 1,176	\$ 504	\$ 410		\$	\$ 11,230	\$ 9,140	\$ 6,2621	\$ 6,739	\$ 2,457	
33	Dec-12	Dec-12	Sales	\$ 715	2,850	\$ 6.739			\$	\$	\$	\$	\$		\$	\$ 6,739	\$ 6,739				

National Grid - RI Gas
On-System Margin Details (Non-Firm)

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity change	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GET	Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
24	Jan-13	Jan-13	Trans	\$ 715	0	N/A		\$ -	0.0616	\$ -	\$ 22	\$ -		\$ 121	\$ 858	\$ 715	\$ 7,212	\$ -	\$ 715	
25	Jan-13	Jan-13	Trans	\$ 485	44,779	N/A		\$ 2,758	0.0616	\$ -	\$ 158	\$ 1,854		\$ 94	\$ 5,349	\$ 3,243	\$ 7,212	\$ -	\$ 3,243	
28	Jan-13	Jan-13	Sales	\$ 625	0	-		\$ -	0.0616	\$ -	\$ -			\$ -	\$ 626	\$ 625	\$ 7,212	\$ -	\$ 625	
29	Jan-13	Jan-13	Sales	\$ 625	0	-		\$ -	0.0616	\$ -	\$ 19			\$ -	\$ 645	\$ 625	\$ 7,212	\$ -	\$ 625	
33	Jan-13	Jan-13	Sales	\$ 405	13,048	\$ 2,493	\$ 0.7212	\$ 1,397	0.1923	\$ 1,397	\$ 599	\$ 143		\$ 1	\$ 5,701	\$ 3,562	\$ 7,212	\$ 2,493	\$ 1,070	curtailment of 93592 therms
33	Jan-13	Jan-13	Sales	\$ 405	9,592	\$ 15,646		\$ -	0.0616	\$ -	\$ -			\$ -	\$ 15,646	\$ 15,646	\$ 7,212	\$ -	\$ -	curtailment of 93592 therms
36	Jan-13	Jan-13	Trans	\$ 715	72,345	N/A		\$ 4,456	0.0616	\$ -	\$ 253	\$ 2,995		\$ 1	\$ 8,420	\$ 5,171	\$ 7,212	\$ -	\$ 5,171	
34	Jan-13	Jan-13	Sales	\$ 405	24,837	\$ 3,206		\$ -	0.0616	\$ -	\$ 1	\$ 1,028		\$ 36	\$ 406	\$ 405	\$ 7,212	\$ 3,206	\$ 2,245	curtailment of 7127 therms
55	Jan-13	Jan-13	Trans	\$ 715	0	N/A		\$ -	0.0616	\$ -	\$ 10	\$ -		\$ -	\$ 716	\$ 715	\$ 7,212	\$ -	\$ 715	
67	Jan-13	Jan-13	Trans	\$ 715	13,109	N/A		\$ -	0.0733	\$ -	\$ 62	\$ 547		\$ -	\$ 2,055	\$ 1,446	\$ 7,298	\$ -	\$ 1,446	
5	Feb-13	Feb-13	Trans	\$ 485	625,416	N/A		\$ 45,843	0.0733	\$ 20	\$ 2,247	\$ 26,080		\$ -	\$ 486	\$ 485	\$ 7,298	\$ -	\$ 485	
8	Feb-13	Feb-13	Trans	\$ 715	625,416	N/A		\$ -	0.0733	\$ -	\$ 9	\$ -		\$ -	\$ 74,885	\$ 46,558	\$ 7,298	\$ -	\$ 46,558	
11	Feb-13	Feb-13	Trans	\$ 275	335,469	\$ 244,852	\$ 0.7299	\$ -	0.0733	\$ -	\$ -	\$ -		\$ -	\$ 304	\$ 275	\$ 7,298	\$ -	\$ 275	
14	Feb-13	Feb-13	Sales	\$ 625	183,495	N/A		\$ 30,595	0.0912	\$ 13,989	\$ 8,971	\$ 13,989		\$ 1	\$ 299,033	\$ 276,072	\$ 7,298	\$ 244,852	\$ 31,220	
15	Feb-13	Feb-13	Trans	\$ 715	385,495	N/A		\$ 13,450	0.0733	\$ 7,652	\$ 675	\$ 7,652		\$ 1	\$ 22,492	\$ 14,165	\$ 7,298	\$ -	\$ 14,165	
16	Feb-13	Feb-13	Trans	\$ 715	399,019	N/A		\$ 36,391	0.0912	\$ 16,639	\$ 40	\$ -		\$ 40	\$ 53,785	\$ 37,106	\$ 7,298	\$ -	\$ 37,106	
17	Feb-13	Feb-13	Trans	\$ 485	826	N/A		\$ 61	0.0733	\$ 34	\$ -	\$ -		\$ -	\$ 581	\$ 546	\$ 7,298	\$ -	\$ 546	
19	Feb-13	Feb-13	Trans	\$ 715	69,191	N/A		\$ -	0.0733	\$ -	\$ 23	\$ 2,885		\$ -	\$ 716	\$ 715	\$ 7,298	\$ -	\$ 715	
20	Feb-13	Feb-13	Trans	\$ 715	471	N/A		\$ 6,465	0.0733	\$ -	\$ -	\$ -		\$ -	\$ 8,696	\$ 5,786	\$ 7,298	\$ -	\$ 5,786	
24	Feb-13	Feb-13	Trans	\$ 485	65,194	N/A		\$ -	0.0733	\$ -	\$ 22	\$ -		\$ -	\$ 738	\$ 6,465	\$ 7,298	\$ -	\$ 6,465	curtailment of 471 therms
25	Feb-13	Feb-13	Trans	\$ 625	0	-		\$ -	0.0733	\$ -	\$ 247	\$ 2,719		\$ -	\$ 8,230	\$ 5,264	\$ 7,298	\$ -	\$ 5,264	
28	Feb-13	Feb-13	Sales	\$ 625	0	-		\$ -	0.0733	\$ -	\$ -			\$ -	\$ 626	\$ 625	\$ 7,298	\$ -	\$ 625	
29	Feb-13	Feb-13	Trans	\$ 625	13,388	\$ 9,772	\$ 0.7299	\$ -	0.2206	\$ 988	\$ 19	\$ -		\$ -	\$ 645	\$ 625	\$ 7,298	\$ -	\$ 625	
33	Feb-13	Feb-13	Sales	\$ 405	110,341	N/A		\$ 8,988	0.0733	\$ -	\$ 415	\$ 4,601		\$ -	\$ 15,100	\$ 13,130	\$ 7,298	\$ 9,772	\$ 3,358	
36	Feb-13	Feb-13	Trans	\$ 715	0	-		\$ -	0.0733	\$ -	\$ -			\$ -	\$ 8,803	\$ 8,803	\$ 7,298	\$ -	\$ 8,803	
54	Feb-13	Feb-13	Sales	\$ 405	0	-		\$ -	0.0733	\$ -	\$ 1	\$ -		\$ -	\$ 406	\$ 405	\$ 7,298	\$ -	\$ 405	
55	Feb-13	Feb-13	Trans	\$ 715	13,374	N/A		\$ 980	0.0733	\$ 3	\$ 558			\$ -	\$ 2,257	\$ 1,695	\$ 7,298	\$ -	\$ 1,695	
67	Feb-13	Feb-13	Trans	\$ 715	30,957	N/A		\$ 2,269	0.0733	\$ -	\$ 125	\$ 1,291		\$ -	\$ 732	\$ 732	\$ 7,298	\$ -	\$ 732	
5	Mar-13	Mar-13	Trans	\$ 485	30,957	N/A		\$ -	0.0733	\$ -	\$ -			\$ -	\$ 4,188	\$ 2,754	\$ 5,450	\$ -	\$ 2,754	
6	Mar-13	Mar-13	Trans	\$ 485	649,230	N/A		\$ 47,589	0.0733	\$ 20	\$ 2,331	\$ 27,073		\$ -	\$ 486	\$ 485	\$ 5,450	\$ -	\$ 485	
8	Mar-13	Mar-13	Trans	\$ 275	0	-		\$ -	0.0733	\$ -	\$ 9	\$ -		\$ -	\$ 350	\$ 275	\$ 5,450	\$ -	\$ 275	
11	Mar-13	Mar-13	Sales	\$ 625	377,716	\$ 206,195	\$ 0.5459	\$ -	0.0912	\$ 20	\$ 7,949	\$ 15,751		\$ -	\$ 264,969	\$ 241,268	\$ 5,450	\$ 206,195	\$ 35,073	
14	Mar-13	Mar-13	Trans	\$ 715	207,331	N/A		\$ 15,197	0.0733	\$ -	\$ 760	\$ 8,646		\$ -	\$ 25,318	\$ 15,912	\$ 5,450	\$ -	\$ 15,912	
15	Mar-13	Mar-13	Trans	\$ 715	417,703	N/A		\$ 38,095	0.0912	\$ 17,418	\$ -	\$ -		\$ -	\$ 56,901	\$ 38,810	\$ 5,450	\$ -	\$ 38,810	
16	Mar-13	Mar-13	Trans	\$ 485	17,037	N/A		\$ 1,249	0.0733	\$ -	\$ -	\$ 710		\$ -	\$ 2,445	\$ 1,734	\$ 5,450	\$ -	\$ 1,734	
17	Mar-13	Mar-13	Trans	\$ 715	92,141	N/A		\$ 6,754	0.0733	\$ -	\$ 17	\$ 3,842		\$ -	\$ 1,117	\$ 937	\$ 5,450	\$ -	\$ 937	
20	Mar-13	Mar-13	Trans	\$ 715	0	-		\$ -	0.0733	\$ -	\$ -			\$ -	\$ 11,438	\$ 7,469	\$ 5,450	\$ -	\$ 7,469	
24	Mar-13	Mar-13	Trans	\$ 715	68,534	N/A		\$ 5,024	0.0733	\$ -	\$ 22	\$ -		\$ -	\$ 952	\$ 715	\$ 5,450	\$ -	\$ 715	
25	Mar-13	Mar-13	Trans	\$ 485	993	\$ 542	\$ 0.5459	\$ 73	0.0733	\$ -	\$ 259	\$ 2,838		\$ -	\$ 8,720	\$ 5,509	\$ 5,450	\$ -	\$ 5,509	
28	Mar-13	Mar-13	Sales	\$ 625	0	-		\$ -	0.0733	\$ -	\$ 41	\$ -		\$ -	\$ 1,282	\$ 1,240	\$ 5,450	\$ -	\$ 1,240	
29	Mar-13	Mar-13	Trans	\$ 625	0	-		\$ -	0.0733	\$ -	\$ 19	\$ -		\$ -	\$ 645	\$ 625	\$ 5,450	\$ -	\$ 625	
33	Mar-13	Mar-13	Sales	\$ 405	1,063	\$ 580	\$ 0.5459	\$ 234	0.2206	\$ 91	\$ 39	\$ 44		\$ -	\$ 1,584	\$ 1,220	\$ 5,450	\$ -	\$ 1,220	
36	Mar-13	Mar-13	Trans	\$ 715	126,314	N/A		\$ 9,259	0.0733	\$ -	\$ 471	\$ 5,267		\$ -	\$ 15,713	\$ 9,974	\$ 5,450	\$ -	\$ 9,974	
54	Mar-13	Mar-13	Sales	\$ 405	1	\$ 1	\$ 0.5459	\$ 169	0.0733	\$ -	\$ 2	\$ 96		\$ -	\$ 407	\$ 406	\$ 5,450	\$ -	\$ 405	
55	Mar-13	Mar-13	Trans	\$ 715	2,301	N/A		\$ 91	0.0733	\$ -	\$ -	\$ -		\$ -	\$ 3,963	\$ 884	\$ 5,450	\$ -	\$ 884	
67	Mar-13	Mar-13	Trans	\$ 715	1,236	N/A		\$ -	0.0733	\$ -	\$ -	\$ -		\$ -	\$ 806	\$ 806	\$ 5,450	\$ -	\$ 806	
															\$ 3,136,151	\$ 2,467,392	\$ 1,262,193	\$ 1,205,199		
															\$ 15,950,654					

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

**Schedule MCS-7S
Reconciliation Factors**

**National Grid - RI Gas
Reconciliation Factor effective November 1, 2013**

Section 1: Reconciliation of Prior Year DAC Factors (All Rate Classes)

Line No.	Description	Schedule	Page #	Ending Balance	Period
1	System Pressure	MCS-7	Page 2, line 24	\$843,107	
2	Environmental - DAC	MCS-7	Page 2, line 33	(\$16,759)	
3	On-System Margin Credits	MCS-7	Page 3, line 60	\$19,799	
4	CapEx/ARP	MCS-7	Page 4, line 87+96	\$714,288	
5	Pension	MCS-7	Page 3, line 69	(\$15,797)	Based on Nov 12-Oct 13
6	PBOP	MCS-7	Page 3, line 78	(\$90,640)	
7	Previous Reconciliation Factor	MCS-7	Page 3, line 42	\$31,039	
8	SQP Factor	MCS-7	Page 4, line 105	\$3,047	
9	True-up October 12	MCS-7	Page 9, line 10	\$94,239	Based on Actual Oct 12 vs. Oct 12 Forecast
10	True-up October 11	MCS-7	Page 10, line 10	\$46,754	Based on Actual Oct 11 vs. Oct 11 Forecast
11	AGT Interest on Fund balance	MCS-3	Page 2, line 13	(\$21,597)	Based on Jul 12-Mar 13
12	Sub Total		Sum ([1]:[11])	\$1,607,481	
13	Firm Throughput		Nov 2013 - Oct 2014	38,500,653 dth	
14	Reconciliation Factor		[15] * 10	\$0.0417 per dth	
15	Reconciliation Factor		[12] / [13] / 10	\$0.0041 per therm	

Section 2: Revenue Decoupling Mechanism Reconciliation

Line No.	Description	Schedule	Page #	Ending Balance	Period
16	RDA Reconciliation	MCS-7	Page 6, line 13	\$705,936	Based on Nov 12-Oct 13
17	Sub Total		[16]	\$705,936	
18	Firm Throughput, Residential, Small & Medium C&I		Nov 2013 - Oct 2014	26,725,365 dth	
19	RDA Reconciliation Factor		[20] * 10	\$0.0264 per dth	
20	RDA Reconciliation Factor		[17] / [18] / 10	\$0.0026 per therm	

Section 3: Reconciliation of Prior year DAC Factors (Large & X-Large Only)

Line No.	Description	Schedule	Page #	Ending Balance	Period
21	AGT Factor - Base Rates	MCS-7	Page 5, line 16	(\$2,317)	
22	LIAP Factor - Base Rates	MCS-7	Page 5, line 28	(\$13,787)	Based on ending balance June 30, 2012
23	Environmental - Base Rates	MCS-7	Page 5, line 40	(\$10,115)	
24	Previous Reconciliation Factor	MCS-7	Page 3, line 51	(\$234)	Based on Nov 12-Oct 13
25	Sub Total		Sum ([21]:[24])	(\$26,453)	
26	Firm Throughput, Large and Extra Large C&I		Nov 2012 - Oct 2013	11,775,289 dth	
27	L / XL Reconciliation Factor		[28] * 10	(\$0.0022) per dth	
28	L / XL Reconciliation Factor ¹		[25] / [26] / 10	(\$0.0002) per therm	

¹ This rate will be combined with the Reconciliation factor of \$0.0036 per therm for an overall Large and Extra Large Reconciliation factor of \$0.0034 per therm

**National Grid - RI Gas
Non-Base Rate / Gas Year Reconciling Components**

Line No.	Nov-12 30 Actual	Dec-12 31 Actual	Jan-13 31 Actual	Feb-13 28 Actual	Mar-13 31 Actual	Apr-13 30 Actual	May-13 31 Actual	Jun-13 30 Actual	Jul-13 31 Actual	Aug-13 31 Forecast	Sep-13 30 Forecast	Oct-13 31 Forecast	12 month End
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	Prorated (63%/37%)												
1	\$0.028	\$0.030	\$0.030	\$0.030	\$0.029	\$0.030	\$0.030	\$0.030	\$0.030	\$0.030	\$0.030	\$0.030	\$0.030
2	(\$0.006)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.018)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.019)	(\$0.019)
3	\$0.001	\$0.014	\$0.014	\$0.014	\$0.013	\$0.014	\$0.014	\$0.014	\$0.014	\$0.014	\$0.014	\$0.014	\$0.014
4	(\$0.002)	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006
5	(\$0.022)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.020)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.021)	(\$0.021)
6	\$0.072	\$0.069	\$0.070	\$0.070	\$0.067	\$0.069	\$0.071	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070
7	(\$0.021)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.013)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.014)	(\$0.014)
8	(\$0.057)	(\$0.056)	(\$0.057)	(\$0.057)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
9	\$0.061	\$0.061	\$0.062	\$0.042	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
10	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
11	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
12	(\$0.001)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)	(\$0.004)
13	2,222,680	4,415,901	5,278,973	6,311,705	5,105,636	4,487,733	2,087,298	1,230,842	1,204,176	1,140,732	1,202,406	1,384,542	36,072,621
14	1,441,819	3,097,770	4,052,417	4,692,583	4,030,407	3,138,973	1,608,038	843,253	639,175	636,312	664,373	806,182	25,651,301
15	780,862	1,318,131	1,226,556	1,619,122	1,075,228	1,348,760	479,260	387,588	565,000	504,420	538,032	578,360	10,421,321
16	System Pressure Recon Adjust.												
17	\$0	\$118,113	\$111,692	\$612,188	\$712,141	\$722,208	\$713,431	\$775,064	\$863,153	\$952,102	\$918,873	\$883,727	\$7,382,692
18	\$179,911	\$124,524	\$658,473	\$289,116	\$155,629	\$124,066	\$124,066	\$124,066	\$124,066	\$0	\$0	\$0	\$1,903,915
19	\$61,858	\$131,067	\$189,797	\$146,323	\$146,323	\$133,580	\$63,223	\$36,079	\$36,079	\$34,222	\$36,072	\$41,536	\$1,068,936
20	\$118,053	\$111,570	\$611,804	\$711,507	\$721,447	\$712,694	\$774,274	\$862,311	\$951,139	\$917,880	\$882,801	\$842,191	\$8,217,671
21	\$59,026	\$114,842	\$361,748	\$661,847	\$716,794	\$717,451	\$743,853	\$818,688	\$907,146	\$934,991	\$900,837	\$862,959	\$7,800,181
22	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	\$8,128
23	\$61	\$122	\$384	\$635	\$761	\$737	\$790	\$841	\$963	\$993	\$926	\$916	\$883,107
24	\$118,113	\$111,692	\$612,188	\$712,141	\$722,208	\$713,431	\$775,064	\$863,153	\$952,102	\$918,873	\$883,727	\$843,107	(\$843,107)
25	\$118,113	(\$6,422)	\$500,496	\$99,953	\$10,067	(\$8,777)	\$61,633	\$88,089	\$88,950	(\$33,229)	(\$35,146)	(\$40,020)	\$26,274
26	Environmental Recon. Adjust - DAC												
27	(\$665,607)	(\$651,877)	(\$569,516)	(\$469,773)	(\$349,962)	(\$257,613)	(\$173,233)	(\$133,354)	(\$110,161)	(\$87,416)	(\$65,823)	(\$43,033)	(\$3,577,368)
28	(\$14,406)	(\$83,009)	(\$100,295)	(\$120,204)	(\$92,671)	(\$84,601)	(\$40,042)	(\$23,318)	(\$22,850)	(\$21,674)	(\$22,846)	(\$26,306)	(\$652,222)
29	(\$651,201)	(\$568,868)	(\$469,221)	(\$349,569)	(\$257,291)	(\$173,012)	(\$133,191)	(\$110,036)	(\$87,311)	(\$65,742)	(\$42,977)	(\$16,727)	(\$2,925,146)
30	(\$658,404)	(\$610,373)	(\$519,369)	(\$409,671)	(\$303,626)	(\$215,313)	(\$153,212)	(\$121,695)	(\$98,736)	(\$76,579)	(\$54,400)	(\$29,880)	(\$29,880)
31	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
32	(\$676)	(\$648)	(\$551)	(\$393)	(\$322)	(\$221)	(\$163)	(\$125)	(\$105)	(\$81)	(\$56)	(\$32)	(\$3,374)
33	(\$651,877)	(\$569,516)	(\$469,773)	(\$349,962)	(\$257,613)	(\$173,233)	(\$133,354)	(\$110,161)	(\$87,416)	(\$65,823)	(\$43,033)	(\$16,759)	\$6,505,888
34	\$13,730	\$82,361	\$99,744	\$119,811	\$92,349	\$84,380	\$39,879	\$23,193	\$22,745	\$21,593	\$22,790	\$26,274	\$26,274

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	12 month End
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
35 Reconciliation Factor (Applicable to all) - DAC													
36 Recon Factor Acct Beg. Balance	\$500,030	\$498,810	\$438,142	\$364,666	\$276,401	\$208,374	\$146,219	\$116,855	\$99,784	\$83,044	\$67,154	\$50,380	
37 Actual Recon Revenue	\$1,733	\$61,165	\$73,902	\$88,572	\$68,284	\$62,337	\$29,504	\$17,182	\$16,837	\$15,970	\$16,834	\$16,834	\$ 471,704
38 Ending Recon Balance	\$498,297	\$437,645	\$364,240	\$276,094	\$208,117	\$146,037	\$116,715	\$99,673	\$82,947	\$67,070	\$50,320	\$30,996	
39 Average Monthly Balance	\$499,164	\$468,227	\$401,191	\$320,380	\$242,259	\$177,206	\$131,467	\$108,264	\$91,366	\$75,059	\$58,737	\$40,688	
40 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
41 Interest Applied	\$513	\$497	\$426	\$307	\$257	\$182	\$140	\$111	\$97	\$80	\$60	\$43	\$2,713
42 Reconciliation End Balance	\$498,810	\$438,142	\$364,666	\$276,401	\$208,374	\$146,219	\$116,855	\$99,784	\$83,044	\$67,154	\$50,380	\$31,035	
43 Under/(over) Recovery	\$1,220	\$60,668	\$73,476	\$88,265	\$68,027	\$62,155	\$29,364	\$17,071	\$16,740	\$15,890	\$16,774	\$19,341	
44 Reconciliation Factor (L & XL) - DAC													
45 Recon Factor Acct Beg. Balance	\$55,173	\$56,963	\$49,194	\$41,883	\$32,181	\$26,049	\$18,041	\$15,155	\$12,850	\$9,476	\$6,458	\$3,235	\$326,656
46 Actual Recon Revenue (L & XL)	(\$1,732)	\$7,825	\$7,359	\$9,738	\$6,163	\$8,030	\$2,904	\$2,319	\$3,386	\$3,027	\$3,228	\$3,470	\$ 55,717
47 Ending Recon Balance	\$56,905	\$49,138	\$41,835	\$32,145	\$26,018	\$18,019	\$15,137	\$12,836	\$9,464	\$6,449	\$3,230	(\$235)	\$270,939
48 Average Monthly Balance	\$56,039	\$53,050	\$45,514	\$37,014	\$29,099	\$22,034	\$16,589	\$13,995	\$11,157	\$7,963	\$4,844	\$1,500	
49 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
50 Interest Applied	\$58	\$56	\$48	\$35	\$31	\$23	\$18	\$14	\$12	\$8	\$5	\$2	\$310
51 Reconciliation End Balance	\$56,963	\$49,194	\$41,883	\$32,181	\$26,049	\$18,041	\$15,155	\$12,850	\$9,476	\$6,458	\$3,235	(\$234)	
52 Under/(over) Recovery	(\$1,790)	\$7,769	\$7,311	\$9,703	\$6,132	\$8,007	\$2,886	\$2,305	\$3,374	\$3,019	\$3,223	\$3,468	
53 On-system Credits Recon. Adjust. - DAC													
54 On-system Credit Acct Beg. Balance	(\$730,576)	(\$682,612)	(\$591,541)	(\$481,258)	(\$348,798)	(\$246,687)	(\$153,387)	(\$109,270)	(\$83,596)	(\$58,416)	(\$34,510)	(\$9,281)	(\$3,529,931)
55 Actual On-system Revenue	(\$48,690)	(\$91,747)	(\$110,852)	(\$132,858)	(\$102,426)	(\$93,506)	(\$44,256)	(\$25,773)	(\$25,256)	(\$23,955)	(\$23,251)	(\$29,075)	\$ (753,645)
56 Ending On-system Balance	(\$681,886)	(\$590,865)	(\$480,689)	(\$348,400)	(\$246,372)	(\$153,181)	(\$109,131)	(\$83,497)	(\$58,340)	(\$34,461)	(\$9,259)	\$19,794	(\$2,776,286)
57 Average Monthly Balance	(\$706,231)	(\$636,738)	(\$536,115)	(\$414,829)	(\$297,585)	(\$199,934)	(\$131,259)	(\$96,384)	(\$70,968)	(\$46,438)	(\$21,884)	\$3,256	
58 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
59 Interest Applied	(\$726)	(\$676)	(\$569)	(\$398)	(\$316)	(\$205)	(\$139)	(\$99)	(\$75)	(\$49)	(\$22)	\$6	(\$3,270)
60 On-system Credit End Balance	(\$682,612)	(\$591,541)	(\$481,258)	(\$348,798)	(\$246,687)	(\$153,387)	(\$109,270)	(\$83,596)	(\$58,416)	(\$34,510)	(\$9,281)	(\$19,799)	
61 Under/(over) Recovery	\$47,964	\$91,071	\$110,283	\$132,460	\$102,110	\$93,301	\$44,117	\$25,674	\$25,181	\$23,906	\$25,229	\$29,081	
62 Pension Adjustment													
63 Pen Acct Beg. Balance	\$2,481,524	\$2,325,002	\$2,021,486	\$1,653,927	\$1,212,441	\$872,126	\$561,175	\$414,172	\$328,643	\$244,761	\$165,128	\$81,086	\$12,361,472
64 Actual Pension Revenue	\$158,990	\$305,822	\$369,509	\$442,859	\$341,421	\$311,687	\$147,521	\$85,910	\$84,186	\$79,851	\$84,168	\$96,918	\$ 2,508,842
65 Ending Pension Balance	\$2,322,534	\$2,019,180	\$1,651,977	\$1,211,068	\$871,020	\$560,439	\$413,654	\$328,262	\$244,457	\$164,910	\$80,960	(\$15,832)	\$9,852,630
66 Average Monthly Balance	\$2,402,029	\$2,172,091	\$1,836,731	\$1,432,497	\$1,041,731	\$716,283	\$487,415	\$371,217	\$286,550	\$204,836	\$123,044	\$32,627	
67 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
68 Interest Applied	\$2,468	\$2,306	\$1,950	\$1,374	\$1,106	\$736	\$517	\$381	\$304	\$217	\$126	\$35	\$11,521
69 Pension Adjustment End Balance	\$2,325,002	\$2,021,486	\$1,653,927	\$1,212,441	\$872,126	\$561,175	\$414,172	\$328,643	\$244,761	\$165,128	\$81,086	(\$15,797)	
70 Under/(over) Recovery	(\$156,522)	(\$303,516)	(\$367,559)	(\$441,485)	(\$340,315)	(\$310,951)	(\$147,004)	(\$85,529)	(\$83,882)	(\$79,634)	(\$84,042)	(\$96,883)	
71 PBOP Adjustment													
72 PBOP Acct Beg. Balance	(\$510,699)	(\$557,731)	(\$497,125)	(\$423,712)	(\$335,504)	(\$267,540)	(\$205,445)	(\$176,144)	(\$159,134)	(\$142,457)	(\$126,630)	(\$109,917)	(\$3,512,037)
73 Actual PBOP Revenue	\$46,483	(\$61,165)	(\$73,902)	(\$88,572)	(\$68,284)	(\$62,337)	(\$29,504)	(\$17,182)	(\$16,837)	(\$15,970)	(\$16,834)	(\$16,834)	\$ (423,488)
74 Ending PBOP Balance	(\$557,182)	(\$496,566)	(\$423,223)	(\$335,140)	(\$267,220)	(\$205,203)	(\$175,941)	(\$158,962)	(\$142,297)	(\$126,487)	(\$109,796)	(\$90,533)	(\$3,088,549)
75 Average Monthly Balance	(\$553,941)	(\$527,148)	(\$460,174)	(\$379,426)	(\$301,362)	(\$236,371)	(\$190,693)	(\$167,553)	(\$150,715)	(\$134,472)	(\$118,213)	(\$100,225)	
76 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
77 Interest Applied	(\$549)	(\$560)	(\$489)	(\$364)	(\$320)	(\$243)	(\$202)	(\$172)	(\$160)	(\$143)	(\$121)	(\$106)	(\$3,429)
78 PBOP Adjustment End Balance	(\$557,731)	(\$497,125)	(\$423,712)	(\$335,504)	(\$267,540)	(\$205,445)	(\$176,144)	(\$159,134)	(\$142,457)	(\$126,630)	(\$109,917)	(\$90,640)	
79 Under/(over) Recovery	(\$47,032)	\$60,605	\$73,413	\$88,208	\$67,964	\$62,094	\$29,302	\$17,010	\$16,677	\$15,827	\$16,713	\$19,278	

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
	30	31	31	28	31	30	31	30	31	31	30	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
Capital Tracker												
80 CXT Acct Beg. Balance												
81 Actual CXT Revenue	(\$952,602)	(\$826,626)	(\$578,344)	(\$277,912)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82 Ending CXT Balance	(\$126,890)	(\$249,027)	(\$300,886)	(\$245,218)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83 Average Monthly Balance	(\$889,157)	(\$702,112)	(\$427,901)	(\$155,303)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
85 Interest Applied	(\$914)	(\$745)	(\$454)	(\$149)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86 Capital Tracker Adjustment End Balance	(\$826,626)	(\$578,344)	(\$277,912)	(\$32,843)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,262)
87 Under/(over) Recovery	\$125,976	\$248,282	\$300,432	\$245,069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$32,843)
88 ARP Tracker												
89 ARP Acct Beg. Balance												
90 Actual ARP Revenue	\$1,741,944	\$1,608,355	\$1,339,046	\$1,013,015	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91 Ending ARP Balance	\$135,309	\$270,872	\$327,279	\$266,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92 Average Monthly Balance	\$1,606,635	\$1,337,483	\$1,011,767	\$746,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
94 Interest Applied	\$1,720	\$1,564	\$1,248	\$844	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 ARP Tracker Adjustment End Balance	\$1,608,355	\$1,339,046	\$1,013,015	\$747,131	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,375
96 Under/(over) Recovery	(\$133,589)	(\$269,308)	(\$326,031)	(\$265,884)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$747,131
97 SQP Tracker												
98 SQP Acct Beg. Balance												
99 Actual SQP Revenue	(\$133,935)	(\$130,739)	(\$113,392)	(\$92,387)	(\$67,157)	(\$47,708)	(\$29,937)	(\$21,534)	(\$16,645)	(\$11,849)	(\$7,296)	(\$2,491)
100 Ending SQP Balance	(\$3,332)	(\$17,476)	(\$21,115)	(\$25,306)	(\$19,510)	(\$17,811)	(\$8,430)	(\$4,909)	(\$4,811)	(\$4,563)	(\$4,810)	(\$5,538)
101 Average Monthly Balance	(\$130,603)	(\$113,263)	(\$92,277)	(\$67,081)	(\$47,647)	(\$29,897)	(\$21,507)	(\$16,625)	(\$11,834)	(\$7,286)	(\$2,486)	\$3,047
102 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
103 Interest Applied	(\$136)	(\$130)	(\$109)	(\$76)	(\$61)	(\$40)	(\$27)	(\$20)	(\$15)	(\$10)	(\$5)	\$0
104 SQP Tracker Adjustment End Balance	(\$130,739)	(\$113,392)	(\$92,387)	(\$67,157)	(\$47,708)	(\$29,937)	(\$21,534)	(\$16,645)	(\$11,849)	(\$7,296)	(\$2,491)	(\$629)
105 Under/(over) Recovery	\$3,196	\$17,346	\$21,006	\$25,230	\$19,449	\$17,771	\$8,403	\$4,889	\$4,796	\$4,553	\$4,805	\$5,538
106 Total Under/(Over) Recoveries												\$1,487,851

Column (a), Line 27 per Docket No. 4339, MCS 4 Ln14
Column (a), Line 36, per Docket No. 4339, MCS 9R Ln 12
Column (a), Line 45, per Docket No. 4339, MCS 9R, Ln 4
Column (a), Line 54, per Docket No. 4339, MCS 7, Ln 3
Column (a), Line 63, per Docket No. 4339, MCS 5, Ln 1
Column (a), Line 72, per Docket No. 4339, MCS 5, Ln 5
Column (a), Line 81, calculated as described in Testimony, page 16 at 14
Column (a), Line 90, calculated as described in Testimony, page 17 at 21
Column (a), Line 99, per Docket No. 4339, MCS 8, Ln 1
Column (f), Line 107 = Sum(Column L, 24+33+42+51+60+69+78+87+96+105)

National Grid - RI Gas
RDA Reconciliation

Line No.	Nov-12 30 Actual (a)	Dec-12 31 Actual (b)	Jan-13 31 Actual (c)	Feb-13 28 Actual (d)	Mar-13 31 Actual (e)	Apr-13 30 Actual (f)	May-13 31 Actual (g)	Jun-13 30 Actual (h)	Jul-13 31 Actual (i)	Aug-13 31 Forecast (j)	Sep-13 30 Forecast (k)	Oct-13 31 Forecast (l)	Total
1	\$0.1548	\$0.4086	\$0.4130	\$0.4140	\$0.3945	\$0.4098	\$0.4170	\$0.4118	\$0.4125	\$0.4130	\$0.4130	\$0.4130	
	RDM Recon Rates \$/decatherm												
	Res-NH, Res-H, Small, Medium												
	Actual Firm Throughput - decatherms												
2	47,689	82,212	103,184	114,165	104,552	88,456	55,392	37,045	29,727	27,280	27,901	28,447	746,051
3	997,548	2,093,510	2,786,107	3,191,972	2,756,808	2,183,017	1,098,773	569,926	410,415	388,331	399,794	515,751	17,391,952
4	106,317	270,534	400,419	483,371	386,145	278,735	128,656	49,170	40,658	47,990	48,259	48,988	2,289,242
5	290,265	651,514	762,706	903,074	782,902	588,764	325,217	187,113	158,376	172,711	188,419	212,996	5,224,056
6	1,441,819	3,097,770	4,052,417	4,692,583	4,030,407	3,138,973	1,608,038	843,253	639,175	636,312	664,373	806,182	25,651,301
7	\$10,783,071	\$10,570,901	\$9,315,691	\$7,651,130	\$5,714,935	\$4,129,994	\$2,847,307	\$2,179,447	\$1,834,250	\$1,572,411	\$1,311,144	\$1,037,964	
8	\$223,134	\$1,265,760	\$1,673,563	\$1,942,600	\$1,590,164	\$1,286,269	\$670,527	\$347,258	\$263,646	\$262,797	\$274,386	\$332,953	
9	\$10,559,937	\$9,305,141	\$7,642,128	\$5,708,529	\$4,124,771	\$2,843,725	\$2,176,780	\$1,832,189	\$1,570,604	\$1,309,614	\$1,036,758	\$705,011	
10	\$10,671,504	\$9,938,021	\$8,478,910	\$6,679,829	\$4,919,853	\$3,486,859	\$2,512,044	\$2,005,818	\$1,702,427	\$1,441,013	\$1,173,951	\$871,487	
11	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
12	\$10,964	\$10,551	\$9,002	\$6,405	\$5,223	\$3,582	\$2,667	\$2,061	\$1,807	\$1,530	\$1,206	\$925	
13	\$10,570,901	\$9,315,691	\$7,651,130	\$5,714,935	\$4,129,994	\$2,847,307	\$2,179,447	\$1,834,250	\$1,572,411	\$1,311,144	\$1,037,964	\$705,936	
14	(\$212,170)	(\$1,255,209)	(\$1,664,562)	(\$1,936,195)	(\$1,584,941)	(\$1,282,687)	(\$667,860)	(\$345,197)	(\$261,839)	(\$261,267)	(\$273,180)	(\$332,028)	
	RDM Revenue per rate class												
15	\$7,380	\$33,592	\$42,613	\$47,261	\$41,250	\$36,247	\$23,098	\$15,255	\$12,262	\$11,267	\$11,523	\$11,749	\$293,497
16	\$154,379	\$855,416	\$1,150,604	\$1,321,389	\$1,087,676	\$894,543	\$458,171	\$234,700	\$169,287	\$160,381	\$165,115	\$213,005	\$6,864,666
17	\$16,453	\$110,541	\$165,365	\$200,102	\$152,350	\$114,218	\$53,648	\$20,248	\$16,771	\$19,820	\$19,931	\$20,232	\$909,680
18	\$44,921	\$266,211	\$314,982	\$373,848	\$308,888	\$241,260	\$135,611	\$77,055	\$65,326	\$71,330	\$77,817	\$87,967	\$2,065,215
19	\$223,134	\$1,265,760	\$1,673,563	\$1,942,600	\$1,590,164	\$1,286,269	\$670,527	\$347,258	\$263,646	\$262,797	\$274,386	\$332,953	\$10,133,058

- 1 RDM rates account for cancel, rebills, promotion adjustments
- 6 Sum (2)-(5)
- 7 (a) Beginning balance, Docket 4323, 2012 DAC + Interest calculated from April - October
- 15 [1] * [2]
- 16 [1] * [3]
- 17 [1] * [4]
- 18 [1] * [5]
- 19 Sum([1]-[18])

National Grid - RI Gas
ISR Reconciliation for FY 12

Line No.	Nov-12 30 Actual	Dec-12 31 Actual	Jan-13 31 Actual	Feb-13 28 Actual	Mar-13 31 Actual	Apr-13 30 Actual	May-13 31 Actual	Jun-13 30 Actual	Jul-13 31 Actual	Aug-13 31 Forecast	Sep-13 30 Forecast	Oct-13 31 Forecast	Total
	Prorated												
1	Res-NH \$0.0176	\$0.0465	\$0.0470	\$0.0471	\$0.0449	\$0.0466	\$0.0474	\$0.0469	\$0.0469	\$0.0470	\$0.0470	\$0.0470	\$0.0470
2	Res-H \$0.0064	\$0.0168	\$0.0170	\$0.0170	\$0.0162	\$0.0169	\$0.0172	\$0.0170	\$0.0170	\$0.0170	\$0.0170	\$0.0170	\$0.0170
3	Small \$0.0034	\$0.0089	\$0.0090	\$0.0090	\$0.0086	\$0.0089	\$0.0091	\$0.0090	\$0.0090	\$0.0090	\$0.0090	\$0.0090	\$0.0090
4	Medium \$0.0019	\$0.0049	\$0.0050	\$0.0050	\$0.0048	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050	\$0.0050
5	Large LL \$0.0022	\$0.0059	\$0.0060	\$0.0060	\$0.0057	\$0.0060	\$0.0061	\$0.0060	\$0.0060	\$0.0060	\$0.0060	\$0.0060	\$0.0060
6	Large HL \$0.0030	\$0.0079	\$0.0080	\$0.0080	\$0.0076	\$0.0079	\$0.0081	\$0.0080	\$0.0080	\$0.0080	\$0.0080	\$0.0080	\$0.0080
7	XL-LL (\$0.0004)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)	(\$0.0010)
7	XL-HL (\$0.0008)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0019)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)
	Actual Firm Throughput - decaethers												
8	Res-NH	47,689	82,212	103,184	114,165	104,552	55,392	37,045	29,727	27,280	27,901	28,447	746,051
9	Res-H	997,548	2,093,510	2,786,107	3,191,972	2,756,808	1,098,773	569,926	410,415	388,331	399,794	515,751	17,391,952
10	Small	106,317	270,534	400,419	483,371	386,145	128,656	49,170	40,658	47,990	48,259	48,988	2,289,242
11	Medium	290,265	651,514	762,706	903,074	782,902	325,217	187,113	158,376	172,711	188,419	212,996	5,224,056
12	Large LL	167,782	446,867	396,052	529,296	399,956	122,209	37,469	25,612	46,769	54,797	98,791	2,695,398
13	Large HL	79,960	115,555	121,058	134,042	113,580	69,178	68,502	71,204	59,555	62,527	58,297	1,066,569
14	XL-LL	95,882	201,014	187,246	316,328	97,718	300,780	(226)	(10,571)	18,206	23,719	50,092	1,215,550
15	XL-HL	437,237	554,696	522,200	639,456	463,974	352,513	281,843	478,755	379,890	396,990	371,180	5,443,804
16	Total	2,222,680	4,415,901	5,278,973	6,311,705	5,105,636	2,087,298	1,230,842	1,204,176	1,140,732	1,202,406	1,384,542	36,072,621
17	ISR Res-NH Act Beg. Balance	\$26,921	\$26,109	\$22,312	\$17,483	\$12,118	\$3,315	\$689	(\$1,047)	(\$2,444)	(\$3,729)	(\$5,045)	(\$5,045)
18	Actual Res-NH Revenue	\$840	\$3,823	\$4,850	\$5,379	\$4,694	\$4,125	\$1,736	\$1,395	\$1,282	\$1,311	\$1,337	\$1,337
19	Ending Res-NH Balance	\$26,081	\$22,286	\$17,462	\$12,104	\$7,424	\$3,310	\$687	(\$2,442)	(\$3,726)	(\$4,385)	(\$5,714)	(\$5,714)
20	Average Monthly Balance	\$26,501	\$24,197	\$19,887	\$14,794	\$9,771	\$2,001	(\$179)	(\$1,744)	(\$3,085)	(\$4,385)	(\$5,714)	(\$5,714)
21	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
22	Interest Applied	\$27	\$26	\$21	\$14	\$10	\$2	\$0	(\$2)	(\$3)	(\$5)	(\$6)	(\$6)
23	ISR Res-NH Recon End Balance	\$26,109	\$22,312	\$17,483	\$12,118	\$7,434	\$3,315	\$689	(\$1,047)	(\$2,444)	(\$3,729)	(\$5,045)	(\$5,045)
24	Under/(over) Recovery	(\$812)	(\$3,797)	(\$4,829)	(\$5,364)	(\$4,684)	(\$4,119)	(\$1,736)	(\$1,397)	(\$1,285)	(\$1,316)	(\$1,343)	(\$1,343)
25	ISR Res-H Act Beg. Balance	\$307,998	\$301,956	\$267,047	\$219,944	\$165,737	\$84,402	\$65,622	\$56,024	\$49,111	\$42,559	\$35,802	\$35,802
26	Actual Res-H Revenue	\$6,355	\$35,211	\$47,362	\$54,392	\$44,771	\$36,821	\$9,661	\$6,968	\$6,602	\$6,797	\$8,768	\$8,768
27	Ending Res-H Balance	\$301,643	\$266,745	\$219,685	\$165,552	\$120,965	\$84,297	\$55,961	\$49,056	\$42,510	\$35,762	\$27,034	\$27,034
28	Average Monthly Balance	\$304,821	\$284,351	\$243,366	\$192,748	\$143,351	\$102,707	\$60,792	\$52,540	\$45,811	\$39,160	\$31,418	\$31,418
29	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
30	Interest Applied	\$313	\$302	\$258	\$185	\$152	\$80	\$62	\$56	\$49	\$40	\$33	\$33
31	ISR Res-H Recon End Balance	\$301,956	\$267,047	\$219,944	\$165,737	\$121,118	\$84,402	\$65,622	\$49,111	\$42,559	\$35,802	\$27,068	\$27,068
32	Under/(over) Recovery	(\$6,042)	(\$34,909)	(\$47,103)	(\$54,207)	(\$44,619)	(\$36,716)	(\$9,599)	(\$6,912)	(\$6,553)	(\$6,756)	(\$8,734)	(\$8,734)
33	ISR Small C&I Act Beg. Balance	\$20,447	\$20,109	\$17,720	\$14,133	\$9,784	\$3,989	\$2,824	\$2,385	\$2,021	\$1,591	\$1,159	\$1,159
34	Actual Small C&I Revenue	\$359	\$3,409	\$4,604	\$4,360	\$3,320	\$2,489	\$442	\$366	\$432	\$434	\$441	\$441
35	Ending Small C&I Balance	\$20,088	\$17,700	\$14,116	\$9,773	\$6,465	\$3,984	\$2,820	\$2,019	\$1,590	\$1,157	\$718	\$718
36	Average Monthly Balance	\$20,267	\$18,905	\$15,918	\$11,953	\$8,125	\$5,229	\$3,405	\$2,202	\$1,806	\$1,374	\$938	\$938
37	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
38	Interest Applied	\$21	\$20	\$17	\$11	\$9	\$4	\$3	\$2	\$2	\$1	\$1	\$1
39	ISR Small C&I Recon End Balance	\$20,109	\$17,720	\$14,133	\$9,784	\$6,473	\$3,989	\$2,824	\$2,021	\$1,591	\$1,159	\$719	\$719
40	Under/(over) Recovery	(\$338)	(\$2,389)	(\$3,587)	(\$4,349)	(\$3,311)	(\$2,484)	(\$439)	(\$363)	(\$430)	(\$433)	(\$440)	(\$440)

National Grid - RI Gas
ISR Reconciliation for FY 12

Line No.	Nov-12 30 Actual (a)	Dec-12 31 Actual (b)	Jan-13 31 Actual (c)	Feb-13 28 Actual (d)	Mar-13 31 Actual (e)	Apr-13 30 Actual (f)	May-13 31 Actual (g)	Jun-13 30 Actual (h)	Jul-13 31 Actual (i)	Aug-13 31 Forecast (j)	Sep-13 30 Forecast (k)	Oct-13 31 Forecast (l)	Total
ISR Reconc Rates \$/decathem													
41	\$27,488	\$26,973	\$23,776	\$19,986	\$15,477	\$11,751	\$8,841	\$7,208	\$6,281	\$5,497	\$4,638	\$3,701	\$3,701
42	\$544	\$3,223	\$3,814	\$4,526	\$3,740	\$2,921	\$1,642	\$933	\$791	\$864	\$942	\$1,065	\$942
43	\$26,945	\$23,749	\$19,962	\$15,460	\$11,737	\$8,830	\$7,199	\$6,274	\$5,490	\$4,633	\$3,696	\$2,636	\$2,636
44	\$27,216	\$25,361	\$21,869	\$17,723	\$13,607	\$10,291	\$8,020	\$6,741	\$5,886	\$5,065	\$4,167	\$3,168	\$3,168
45	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
46	\$28	\$27	\$23	\$17	\$14	\$11	\$9	\$7	\$6	\$5	\$4	\$3	\$3
47	\$26,973	\$23,776	\$19,986	\$15,477	\$11,751	\$8,841	\$7,208	\$6,281	\$5,497	\$4,638	\$3,701	\$2,639	\$2,639
48	(\$516)	(\$3,196)	(\$3,791)	(\$4,509)	(\$3,726)	(\$2,910)	(\$1,633)	(\$926)	(\$785)	(\$858)	(\$938)	(\$1,062)	(\$1,062)
49	\$15,525	\$15,164	\$12,527	\$10,163	\$6,987	\$4,701	\$2,503	\$1,765	\$1,542	\$1,390	\$1,111	\$783	\$783
50	\$377	\$2,652	\$2,376	\$3,183	\$2,293	\$2,202	\$740	\$224	\$154	\$281	\$329	\$593	\$593
51	\$15,149	\$12,512	\$10,151	\$6,979	\$4,695	\$2,499	\$1,763	\$1,541	\$1,389	\$1,110	\$782	\$190	\$190
52	\$15,537	\$13,838	\$11,339	\$8,571	\$5,841	\$3,600	\$2,133	\$1,653	\$1,466	\$1,250	\$947	\$487	\$487
53	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
54	\$16	\$15	\$12	\$8	\$6	\$4	\$2	\$2	\$2	\$1	\$1	\$1	\$1
55	\$15,164	\$12,527	\$10,163	\$6,987	\$4,701	\$2,503	\$1,765	\$1,542	\$1,390	\$1,111	\$783	\$191	\$191
56	(\$361)	(\$2,638)	(\$2,364)	(\$3,175)	(\$2,287)	(\$2,198)	(\$738)	(\$223)	(\$152)	(\$279)	(\$328)	(\$592)	(\$592)
57	\$7,614	\$7,381	\$6,474	\$5,513	\$4,443	\$3,579	\$2,684	\$2,128	\$1,584	\$1,016	\$540	\$41	\$41
58	\$240	\$914	\$968	\$1,075	\$868	\$898	\$558	\$546	\$569	\$476	\$500	\$466	\$466
59	\$7,374	\$6,924	\$5,506	\$4,438	\$3,575	\$2,681	\$2,126	\$1,582	\$1,015	\$540	\$40	(\$426)	(\$426)
60	\$7,494	\$6,924	\$5,990	\$4,976	\$4,009	\$3,130	\$2,405	\$1,855	\$1,299	\$778	\$290	(\$193)	(\$193)
61	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
62	\$8	\$7	\$6	\$5	\$4	\$3	\$3	\$2	\$1	\$1	\$0	\$0	\$0
63	\$7,381	\$6,474	\$5,513	\$4,443	\$3,579	\$2,684	\$2,128	\$1,584	\$1,016	\$540	\$41	(\$426)	(\$426)
64	(\$232)	(\$907)	(\$962)	(\$1,070)	(\$864)	(\$895)	(\$556)	(\$545)	(\$568)	(\$476)	(\$500)	(\$467)	(\$467)
65	(\$1,496)	(\$1,462)	(\$1,265)	(\$1,079)	(\$763)	(\$670)	(\$372)	(\$438)	(\$439)	(\$450)	(\$433)	(\$409)	(\$409)
66	(\$35)	(\$199)	(\$187)	(\$317)	(\$94)	(\$299)	\$66	\$0	\$11	(\$18)	(\$24)	(\$50)	(\$50)
67	(\$1,461)	(\$1,264)	(\$1,078)	(\$762)	(\$670)	(\$372)	(\$438)	(\$438)	(\$450)	(\$432)	(\$409)	(\$359)	(\$359)
68	(\$1,479)	(\$1,363)	(\$1,171)	(\$921)	(\$717)	(\$521)	(\$405)	(\$438)	(\$444)	(\$441)	(\$421)	(\$384)	(\$384)
69	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
70	(\$2)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
71	(\$1,462)	(\$1,265)	(\$1,079)	(\$763)	(\$670)	(\$372)	(\$438)	(\$439)	(\$450)	(\$433)	(\$409)	(\$360)	(\$360)
72	\$34	\$197	\$186	\$316	\$93	\$298	(\$66)	(\$0)	(\$11)	\$18	\$23	\$50	\$50
73	(\$8,579)	(\$8,260)	(\$7,171)	(\$6,134)	(\$4,857)	(\$3,975)	(\$2,858)	(\$2,149)	(\$1,588)	(\$633)	\$127	\$922	\$922
74	(\$328)	(\$1,097)	(\$1,044)	(\$1,282)	(\$887)	(\$712)	(\$712)	(\$562)	(\$957)	(\$760)	(\$794)	(\$742)	(\$742)
75	(\$8,251)	(\$7,163)	(\$6,127)	(\$4,852)	(\$3,971)	(\$2,854)	(\$2,146)	(\$1,586)	(\$631)	\$127	\$921	\$1,664	\$1,664
76	(\$8,415)	(\$7,711)	(\$6,649)	(\$5,493)	(\$4,414)	(\$3,415)	(\$2,502)	(\$1,867)	(\$1,110)	(\$253)	\$524	\$1,293	\$1,293
77	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
78	(\$9)	(\$8)	(\$7)	(\$5)	(\$5)	(\$4)	(\$3)	(\$2)	(\$1)	(\$0)	\$1	\$1	\$1
79	(\$8,260)	(\$7,171)	(\$6,134)	(\$4,857)	(\$3,975)	(\$2,858)	(\$2,149)	(\$1,588)	(\$633)	\$127	\$922	\$1,665	\$1,665
80	\$319	\$1,089	\$1,037	\$1,277	\$882	\$1,118	\$709	\$560	\$956	\$760	\$795	\$744	\$744

Approved Amount to be Recovered
Under/(Over) Recovery \$393,028
\$25,108

¹Refer to Docket 4306 for revised revenue requirement

**National Grid - RI Gas
Non-Base Rate / Gas Year Reconciling Components**

October 31, 2012 Ending Deferred Balances

Line No.	Description	Forecast _t		Actual (b)	Variance (c) = (b) - (a)
		(a)	(b)		
1	System Pressure	\$383,823	\$398,403	\$398,403	\$14,581
2	Environmental - DAC	\$13,409	\$13,541	\$13,541	\$132
3	On-System Margin Credits	(\$104,684)	(\$107,593)	(\$107,593)	(\$2,909)
4	Previous Reconciliation Factor	(\$49,004)	(\$49,929)	(\$49,929)	(\$926)
5	Weather Normalization	(\$513,769)	(\$435,329)	(\$435,329)	\$78,440
6	AGT	\$52,321	\$42,034	\$42,034	(\$10,287)
7	Capital Tracker/ARP	\$90,287	\$90,684	\$90,684	\$397
8	Pension	\$403,689	\$413,078	\$413,078	\$9,389
9	PBOP	\$247,334	\$252,756	\$252,756	\$5,422
10	Total	\$523,406	\$617,645	\$617,645	\$94,239

- (1) Docket 4339, MCS-9R, Pages 2-4 used to establish reconciliation component for 2012-13 DAC factor
- (5) Column (b) includes \$86,507 of prorated credits from October
- (6) Column (b) includes \$11,345 prorated revenue from October

**National Grid - RI Gas
Non-Base Rate / Gas Year Reconciling Components**

October 31, 2011 Ending Deferred Balances

Line No.	Description	Forecast _{t1} (a)	Actual (b)	Variance (c) = (b) - (a)
1	System Pressure	\$69,834	\$92,553	\$22,719
2	Environmental - DAC	\$67,919	\$67,748	(\$171)
3	On-System Margin Credits	\$91,608	\$91,369	(\$239)
4	Previous Reconciliation Factor	\$96,768	\$96,645	(\$123)
5	Weather Normalization	(\$376,482)	(\$375,489)	\$993
6	AGT	(\$45,801)	(\$45,680)	\$121
7	Capital Tracker/ARP	\$297,626	\$296,928	(\$698)
8	Pension	(\$300,917)	(\$300,142)	\$775
9	PBOP	(\$92,946)	(\$92,946)	\$0
10	Total	(\$192,391)	(\$169,014)	\$23,377

(1) Docket 4269, NG-JFN-9R, Pages 2-4 used to establish reconciliation component for 2011-12 DAC factor
Variance of \$23,377 was previously reported as a credit instead of a surcharge (Docket 4339, MCS-9R, page 6),
causing a double effect on the amount, which then totals \$46,754

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

Schedule MCS-8
Revenue Decoupling Adjustment Factor

**National Grid - RI Gas
RDM Factor
Effective November 1, 2013**

Line No.	Description	
1	RDM Reconciliation	\$7,490,077
2	Throughput for Residential/Small/Medium C&I	26,725,365 dth
3	RDM Factor - per dth	\$0.2800 per dth
4	RDM Factor - per therm	\$0.0280 per therm

1 Page 4, Column (j), Line 113
2 Company Forecast
3 [4] * 10
4 [1] / [2] / 10

RDM Reconciliation
April 1, 2012 - January 31, 2013

Total per Rate Class

Line No.	Apr-12 30	May-12 31	Jun-12 30	Jul-12 31	Aug-12 31	Sep-12 30	Oct-12 31	Nov-12 30	Dec-12 31	Jan-13 31	Class
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Residential Non-Heat											
1	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	
2	RPC Factor Acct Beg. Bal.	(\$48,921)	(\$56,303)	(\$41,956)	(\$28,953)	(\$29,459)	(\$12,970)	(\$13,624)	(\$43,590)	(\$172,202)	
3	Actual Number of Customers	25,892	25,815	25,726	25,653	25,636	25,717	25,821	25,881	25,865	
4	Actual Base Revenue	\$500,765	\$439,184	\$396,455	\$371,328	\$360,692	\$376,355	\$443,725	\$378,126	\$658,295	
5	Actual Base Revenue Per Customer	\$19.34	\$17.01	\$15.41	\$14.48	\$14.07	\$14.63	\$17.18	\$22.34	\$25.45	
6	RPC Variance (Benchmark- Actual)	(\$1.89)	(\$0.28)	\$0.56	\$0.51	\$0.64	(\$0.02)	(\$1.16)	(\$4.96)	(\$6.95)	
7	Monthly Variance	(\$48,895)	(\$7,326)	\$14,397	\$13,041	(\$47.5)	(\$640)	(\$29,937)	(\$128,497)	(\$179,654)	
8	Preliminary End Balance	(\$48,895)	(\$56,247)	(\$41,906)	(\$28,916)	(\$12,948)	(\$13,610)	(\$43,560)	(\$172,087)	(\$351,856)	
9	Average Balance	(\$24,448)	(\$52,584)	(\$49,104)	(\$35,436)	(\$29,191)	(\$13,290)	(\$28,592)	(\$107,838)	(\$262,029)	
10	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
11	Interest Applied	(\$25)	(\$56)	(\$50)	(\$38)	(\$22)	(\$14)	(\$29)	(\$114)	(\$278)	
12	Cummulative Under/(Over) Recovery	(\$48,921)	(\$56,303)	(\$41,956)	(\$28,953)	(\$29,459)	(\$13,624)	(\$43,590)	(\$172,202)	(\$352,134)	
13	Monthly Under/(Over) Recovery	(\$48,921)	(\$7,382)	\$14,347	\$13,003	(\$506)	(\$654)	(\$29,966)	(\$128,612)	(\$179,932)	(\$352,134)
Residential Non-Heat Low Income											
14	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	
15	RPC Factor Acct Beg. Bal.	\$0	(\$5,198)	(\$7,590)	(\$8,515)	(\$9,439)	(\$10,890)	(\$13,493)	(\$18,084)	(\$28,277)	
16	Actual Number of Customers	341	340	367	360	404	398	389	383	379	
17	Actual Base Revenue (w/o discount)	\$11,146	\$8,073	\$6,778	\$7,136	\$6,682	\$7,465	\$10,809	\$16,822	\$21,129	
18	Actual Base Revenue Per Customer	\$32.69	\$23.74	\$18.47	\$17.53	\$16.79	\$19.09	\$27.79	\$43.92	\$55.75	
19	RPC Variance (Benchmark- Actual)	(\$15.23)	(\$7.02)	(\$2.50)	(\$3.56)	(\$2.07)	(\$4.48)	(\$11.76)	(\$26.55)	(\$37.24)	
20	Monthly Variance	(\$5,195)	(\$2,385)	(\$917)	(\$1,439)	(\$826)	(\$1,752)	(\$4,575)	(\$10,168)	(\$14,115)	
21	Preliminary End Balance	(\$5,195)	(\$7,583)	(\$8,507)	(\$9,430)	(\$10,879)	(\$13,479)	(\$18,068)	(\$28,252)	(\$42,392)	
22	Average Balance	(\$2,597)	(\$6,390)	(\$8,048)	(\$8,972)	(\$10,159)	(\$12,603)	(\$15,780)	(\$23,168)	(\$35,334)	
23	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
24	Interest Applied	(\$3)	(\$7)	(\$8)	(\$10)	(\$12)	(\$13)	(\$16)	(\$25)	(\$38)	
25	Cummulative Under/(Over) Recovery	(\$5,198)	(\$7,590)	(\$8,515)	(\$9,439)	(\$10,890)	(\$13,493)	(\$18,084)	(\$28,277)	(\$42,429)	
26	Monthly Under/(Over) Recovery	(\$5,198)	(\$2,392)	(\$925)	(\$925)	(\$1,450)	(\$837)	(\$4,591)	(\$10,193)	(\$14,153)	(\$42,429)
Residential Non-Heat (incl Low Income)											
27	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	
28	RPC Factor Acct Beg. Bal.	\$0	(\$54,118)	(\$63,892)	(\$50,471)	(\$38,393)	(\$40,349)	(\$27,116)	(\$61,674)	(\$200,478)	
29	Actual Number of Customers	26,233	26,155	26,093	26,013	25,984	26,108	26,210	26,264	26,244	
30	Actual Base Revenue (w/o discount)	\$511,911	\$447,257	\$403,233	\$377,637	\$368,303	\$367,374	\$454,534	\$594,948	\$679,424	
31	Actual Base Revenue Per Customer	\$19.51	\$17.10	\$15.45	\$14.52	\$14.17	\$14.11	\$17.34	\$22.65	\$25.89	
32	RPC Variance (Benchmark- Actual)	(\$2,06)	(\$0.37)	\$0.52	\$0.47	(\$0.07)	(\$0.09)	(\$1.32)	(\$5.28)	(\$7.38)	
33	Monthly Variance	(\$54,090)	(\$9,712)	\$13,480	\$12,126	(\$1,914)	(\$2,392)	(\$34,512)	(\$138,666)	(\$193,769)	
34	Preliminary End Balance	(\$54,090)	(\$63,830)	(\$50,412)	(\$38,345)	(\$40,307)	(\$27,089)	(\$61,628)	(\$200,339)	(\$394,248)	
35	Average Balance	(\$27,045)	(\$58,974)	(\$57,152)	(\$44,408)	(\$39,350)	(\$32,506)	(\$44,372)	(\$131,006)	(\$297,363)	
36	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
37	Interest Applied	(\$28)	(\$63)	(\$59)	(\$47)	(\$42)	(\$27)	(\$46)	(\$139)	(\$316)	
38	Cummulative Under/(Over) Recovery	(\$54,118)	(\$63,892)	(\$50,471)	(\$38,393)	(\$40,349)	(\$27,116)	(\$61,674)	(\$200,478)	(\$394,563)	
39	Monthly Under/(Over) Recovery	(\$54,118)	(\$9,774)	\$13,421	\$12,079	(\$1,956)	(\$2,419)	(\$34,557)	(\$138,805)	(\$194,085)	(\$394,563)

RDM Reconciliation
April 1, 2012 - January 31, 2013

Line No.	Total per Rate Class											
	Apr-12 30	May-12 31	Jun-12 30	Jul-12 31	Aug-12 31	Sep-12 30	Oct-12 31	Nov-12 30	Dec-12 31	Jan-13 31	Class	

Residential Heating

40	\$52.01	\$31.03	\$25.28	\$20.87	\$19.23	\$20.36	\$21.66	\$34.32	\$51.29	\$62.73	
41	\$0	\$2,126,234	\$2,570,196	\$3,191,710	\$3,446,044	\$3,490,755	\$3,781,866	\$3,994,631	\$5,002,201	\$5,425,168	
42	183,787	183,101	181,796	181,778	180,984	181,762	183,051	184,971	186,672	187,708	
43	\$7,434,044	\$5,239,530	\$3,977,695	\$3,543,225	\$3,439,783	\$3,412,615	\$3,756,742	\$3,344,723	\$9,156,229	\$11,168,148	
44	\$40.45	\$28.62	\$21.88	\$19.49	\$19.01	\$18.78	\$20.52	\$28.89	\$49.05	\$59.48	
45	\$11.56	\$2.41	\$3.40	\$1.38	\$0.23	\$1.58	\$1.14	\$5.42	\$2.24	\$3.25	
46	\$2,125,142	\$441,471	\$618,555	\$250,813	\$41,031	\$287,377	\$208,639	\$1,002,951	\$417,435	\$611,147	
47	\$2,125,142	\$2,567,705	\$3,188,751	\$3,442,522	\$3,487,075	\$3,778,132	\$3,990,505	\$4,997,581	\$5,419,636	\$6,036,314	
48	\$1,062,571	\$2,346,969	\$2,879,474	\$3,317,116	\$3,466,559	\$3,634,443	\$3,886,185	\$4,496,106	\$5,210,918	\$5,730,741	
49	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
50	\$1,092	\$2,492	\$2,958	\$3,522	\$3,680	\$3,734	\$4,126	\$4,619	\$5,532	\$6,084	
51	\$2,126,234	\$2,570,196	\$3,191,710	\$3,446,044	\$3,490,755	\$3,781,866	\$3,994,631	\$5,002,201	\$5,425,168	\$6,042,398	
52	Monthly Under/(Over) Recovery	\$443,963	\$621,513	\$254,334	\$44,711	\$291,111	\$212,765	\$1,007,570	\$422,967	\$617,231	\$6,042,398

Residential Heating - Low Income

53	\$52.01	\$31.03	\$25.28	\$20.87	\$19.23	\$20.36	\$21.66	\$34.32	\$51.29	\$62.73	
54	\$0	\$228,861	\$277,965	\$340,405	\$352,917	\$347,576	\$364,229	\$365,994	\$456,204	\$477,301	
55	19,343	19,029	19,645	19,345	19,946	19,462	19,040	18,970	18,554	18,347	
56	\$777,330	\$541,570	\$434,551	\$391,622	\$389,328	\$379,886	\$411,081	\$561,208	\$930,960	\$1,108,887	
57	\$40.19	\$28.46	\$22.12	\$20.24	\$19.52	\$19.52	\$21.59	\$29.58	\$50.18	\$60.44	
58	\$11.83	\$2.57	\$3.16	\$0.63	(\$0.29)	\$0.84	\$0.07	\$4.73	\$1.11	\$2.29	
59	\$228,744	\$48,835	\$62,123	\$12,143	(\$5,712)	\$16,288	\$1,377	\$89,788	\$20,601	\$42,080	
60	\$228,744	\$277,696	\$340,088	\$352,549	\$347,205	\$363,864	\$365,606	\$455,782	\$476,805	\$519,380	
61	\$114,372	\$253,279	\$309,026	\$346,477	\$350,061	\$355,720	\$364,918	\$410,888	\$466,505	\$498,340	
62	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
63	\$118	\$269	\$317	\$368	\$372	\$365	\$387	\$422	\$495	\$529	
64	\$228,861	\$277,965	\$340,405	\$352,917	\$347,576	\$364,229	\$365,994	\$456,204	\$477,301	\$519,909	
65	Monthly Under/(Over) Recovery	\$49,104	\$62,441	\$12,511	(\$5,340)	\$16,653	\$1,765	\$90,210	\$21,096	\$42,609	\$519,909

Residential Heat (incl Low Income)

66	\$52.01	\$31.03	\$25.28	\$20.87	\$19.23	\$20.36	\$21.66	\$34.32	\$51.29	\$62.73	
67	\$0	\$2,355,095	\$2,848,161	\$3,532,115	\$3,798,961	\$3,838,331	\$4,146,095	\$4,360,624	\$5,458,405	\$5,902,468	
68	203,130	202,130	201,441	201,123	200,930	201,224	202,091	203,941	205,226	206,115	
69	\$8,211,374	\$5,781,100	\$4,412,245	\$3,934,847	\$3,829,110	\$3,792,501	\$4,167,823	\$5,905,931	\$10,087,189	\$12,277,035	
70	\$40.42	\$28.60	\$21.90	\$19.56	\$19.06	\$18.85	\$20.62	\$28.96	\$49.15	\$59.56	
71	\$11.59	\$2.43	\$3.38	\$1.31	\$0.18	\$1.51	\$1.04	\$5.36	\$2.13	\$3.17	
72	\$2,353,886	\$490,306	\$680,678	\$262,956	\$35,319	\$303,664	\$210,016	\$1,092,739	\$438,036	\$653,226	
73	\$2,353,886	\$2,845,401	\$3,528,839	\$3,795,071	\$3,834,279	\$4,141,995	\$4,356,111	\$5,453,364	\$5,896,441	\$6,555,695	
74	\$1,176,943	\$2,600,248	\$3,188,500	\$3,663,593	\$3,816,620	\$3,990,163	\$4,251,103	\$4,906,994	\$5,677,423	\$6,229,081	
75	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
76	\$1,209	\$2,761	\$3,276	\$3,889	\$4,052	\$4,099	\$4,513	\$5,041	\$6,027	\$6,613	
77	\$2,355,095	\$2,848,161	\$3,532,115	\$3,798,961	\$3,838,331	\$4,146,095	\$4,360,624	\$5,458,405	\$5,902,468	\$6,562,308	
78	Monthly Under/(Over) Recovery	\$493,066	\$683,954	\$266,845	\$39,371	\$307,764	\$214,530	\$1,097,780	\$444,063	\$659,839	\$6,562,308

RDM Reconciliation
April 1, 2012 - January 31, 2013

Total per Rate Class

Line No.	Apr-12 30	May-12 31	Jun-12 30	Jul-12 31	Aug-12 31	Sep-12 30	Oct-12 31	Nov-12 30	Dec-12 31	Jan-13 31	Class (k)
Small C&I											
79	\$74.53	\$37.33	\$31.13	\$26.69	\$25.70	\$26.61	\$28.60	\$47.90	\$71.45	\$87.37	
80	\$0	\$320,258	\$291,988	\$357,935	\$391,143	\$412,466	\$449,031	\$505,414	\$699,869	\$743,150	
81	18,621	18,269	18,125	18,032	18,427	18,067	18,172	18,398	18,645	18,747	
82	-	-	-	-	-	-	-	-	-	-	
83	18,621	18,269	18,125	18,032	18,427	18,067	18,172	18,398	18,645	18,747	
84	\$1,067,785	\$710,634	\$498,678	\$448,455	\$452,599	\$444,699	\$463,752	\$687,406	\$1,289,583	\$1,645,546	
85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
86	\$1,067,785	\$710,634	\$498,678	\$448,455	\$452,599	\$444,699	\$463,752	\$687,406	\$1,289,583	\$1,645,546	
87	\$57.34	\$38.90	\$27.51	\$24.87	\$24.56	\$24.61	\$25.52	\$37.36	\$69.17	\$87.78	
88	\$17.19	(\$1.57)	\$3.62	\$1.82	\$1.13	\$2.00	\$3.07	\$10.54	\$2.28	(\$0.41)	
89	\$320,094	(\$28,595)	\$65,614	\$32,810	\$20,897	\$36,123	\$55,877	\$193,836	\$42,516	(\$7,705)	
90	\$320,094	\$291,663	\$357,601	\$390,745	\$412,040	\$448,589	\$504,908	\$699,250	\$742,385	\$735,445	
91	\$160,047	\$305,961	\$324,795	\$374,340	\$401,591	\$430,528	\$476,969	\$602,332	\$721,127	\$739,298	
92	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
93	\$164	\$325	\$334	\$397	\$426	\$442	\$506	\$619	\$766	\$785	
94	\$320,258	\$291,988	\$357,935	\$391,143	\$412,466	\$449,031	\$505,414	\$699,869	\$743,150	\$736,230	
95	\$320,258	(\$28,271)	\$65,947	\$33,207	\$21,324	\$36,565	\$56,383	\$194,455	\$43,281	(\$6,921)	
Medium C&I											
96	\$340.03	\$262.60	\$223.59	\$196.47	\$190.92	\$200.99	\$211.73	\$269.90	\$361.41	\$417.01	
97	\$0	\$118,582	\$235,960	\$367,740	\$314,988	\$234,447	\$259,761	\$225,627	\$47,831	\$440,886	
98	4,501	4,479	4,477	4,470	4,180	4,478	4,559	4,596	4,628	4,681	
99	4	4	4	4	4	4	4	4	3	3	
100	4,497	4,475	4,473	4,466	4,176	4,474	4,555	4,592	4,625	4,678	
101	\$1,413,591	\$1,059,494	\$870,154	\$931,194	\$879,318	\$875,134	\$1,000,400	\$1,018,060	\$1,679,878	\$1,808,135	
102	2,987	1,529	1,485	655	1,217	966	1,588	536	944	2,031	
103	\$1,410,604	\$1,057,965	\$868,669	\$930,539	\$878,101	\$874,168	\$998,812	\$1,017,524	\$1,678,934	\$1,806,104	
104	\$313.68	\$236.42	\$194.20	\$208.36	\$210.27	\$195.39	\$219.28	\$221.59	\$363.01	\$386.08	
105	\$26	\$26	\$29	(\$12)	(\$19)	\$6	(\$8)	\$48	(\$2)	\$31	
106	\$118,521	\$117,191	\$131,469	(\$53,114)	(\$80,833)	\$25,060	(\$34,392)	\$221,859	(\$7,417)	\$144,672	
107	\$118,521	\$235,772	\$367,430	\$314,626	\$234,155	\$259,507	\$225,369	\$447,485	\$440,414	\$585,558	
108	\$59,260	\$177,177	\$301,695	\$341,183	\$274,572	\$246,977	\$342,565	\$336,556	\$444,123	\$513,222	
109	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
110	\$61	\$188	\$310	\$362	\$291	\$254	\$258	\$346	\$471	\$545	
111	\$118,582	\$235,960	\$367,740	\$314,988	\$234,447	\$259,761	\$225,627	\$447,831	\$440,886	\$586,102	
112	\$118,582	\$117,379	\$131,779	(\$52,752)	(\$80,541)	\$25,314	(\$34,134)	\$222,204	(\$6,945)	\$145,217	
113	Ending Balance										\$7,490,077

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

**Schedule MCS-9S
ISR Reconciliation Factors**

National Grid - RI Gas
FY 13 ISR Reconciliation Rates
Effective November 1, 2013

Line No.

	Revenue Requirement (a)	Rate Class (b)	Rate Base Allocator (%) (c)	Allocation to Rate Class (d)	Actual Revenue (e)	ISR Recon Under/(Over) Recovery (f)	Total Under/(Over) Recovery by Rate Class (g)	Forecasted Throughput (dth) (h)	ISR Factor (dth) (i)	ISR Factor (therm) (j)
1	\$5,085,563									
2		Res-NH	3.73%	\$189,743	\$358,032	(\$6,388)	(\$174,678)	722,127	(\$0.2418)	(\$0.0241)
3		Res-H	61.56%	\$3,130,578	\$3,173,476	\$27,068	(\$15,830)	18,331,149	(\$0.0008)	\$0.0000
4		Small	8.19%	\$416,356	\$377,389	\$719	\$39,686	2,370,683	\$0.0167	\$0.0016
5		Medium	13.58%	\$690,789	\$637,444	\$2,639	\$55,983	5,301,406	\$0.0105	\$0.0010
6		Large LL	6.04%	\$307,015	\$303,171	\$191	\$4,034	2,895,821	\$0.0013	\$0.0001
7		Large HL	2.35%	\$119,731	\$95,135	(\$426)	\$24,170	1,176,561	\$0.0205	\$0.0020
8		XL-LL	0.77%	\$39,104	\$61,771	(\$360)	(\$23,026)	1,605,030	(\$0.0143)	(\$0.0014)
9		XL-HL	3.78%	\$192,247	\$207,340	\$1,665	(\$13,427)	6,097,877	(\$0.0022)	(\$0.0002)
10		Total	100.00%	\$5,085,563	\$5,213,758	\$25,108	(\$103,088)	38,500,653		

(a) Docket 4306, FY 13 Updated ISR Cumulative Revenue Requirement filed Aug 1, 2013

(c) Docket 4323, RI 2012 Rate Case

(d) Col (a), Line 1 X Col (c), Lines 2 through 9 respectively

(e) Page 2, Col (n), Lines 18 through 25

(f) MCS 7 - Page 7,8 Column (l) Lines 23, 31, 39, 47, 55, 63, 71, 79

(g) Column (d) - Column (e) + Column (f)

(h) Per Company Forecast

(i) Column (g) / Column (h)

(j) Column (i) / 10

**National Grid - RI Gas
ISR Reconciliation for Approved Forecasted Revenue Requirement vs. Actual Revenue Collected - FY 2013**

Line No.	ISR Rates \$(dth) (w/o uncollectibles)	Apr-12 (b) actual - 50/50	May-12 (c)	Jun-12 (d)	Jul-12 (e)	Aug-12 (f)	Sep-12 (g)	Oct-12 (h)	Nov-12 (i)	Dec-12 (j)	Jan-13 (k)	Feb-13 (l) actual - 68/32	Mar-13 (m) actual	Total (n)
1	Res-NH \$0.1320	\$0.3970	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.6620	\$0.4502	\$0.0000	\$0.0000
2	Res-H \$0.0670	\$0.1645	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.2620	\$0.1782	\$0.0000	\$0.0000
3	Small \$0.0780	\$0.1595	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.2410	\$0.1639	\$0.0000	\$0.0000
4	Medium \$0.0510	\$0.1115	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1720	\$0.1170	\$0.0000	\$0.0000
5	Large LL \$0.0460	\$0.1040	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1620	\$0.1102	\$0.0000	\$0.0000
6	Large HL \$0.0340	\$0.0750	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.1160	\$0.0789	\$0.0000	\$0.0000
7	XL-LL \$0.0190	\$0.0440	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0690	\$0.0469	\$0.0000	\$0.0000
8	XL-HL \$0.0130	\$0.0295	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0460	\$0.0313	\$0.0000	\$0.0000
RI Firm throughput (dth)														
9	Res-NH	59,988	45,819	35,172	28,724	26,899	26,683	30,937	47,689	82,212	103,184	114,165	104,552	706,023
10	Res-H	1,512,902	923,331	552,816	410,016	381,035	369,327	482,968	997,548	2,093,510	2,786,107	3,191,972	2,756,808	16,458,340
11	Small	190,004	104,113	55,623	47,044	43,411	37,395	47,403	106,317	270,534	400,419	483,371	386,145	2,171,777
12	Medium	468,331	262,106	144,216	174,869	152,213	151,656	200,672	290,265	651,514	762,706	903,074	782,902	4,944,521
13	Large LL	221,628	123,134	59,604	29,556	39,340	42,502	66,184	167,782	446,867	396,052	529,296	399,956	2,521,901
14	Large HL	77,086	64,492	62,286	53,390	47,435	67,858	67,115	79,960	115,555	121,058	134,042	113,580	1,003,857
15	XL-LL	86,165	60,302	20,222	5,670	15,557	13,889	25,817	95,882	201,014	187,246	316,328	97,718	1,125,810
16	XL-HL	422,375	376,980	375,871	380,328	379,943	410,312	363,453	437,237	554,696	522,200	639,456	463,974	5,326,824
17	Total	3,038,478	1,960,277	1,305,809	1,129,595	1,085,833	1,119,620	1,284,548	2,222,680	4,415,901	5,278,973	6,311,705	5,105,636	34,259,053
ISR Actual Revenue														
18	Res-NH	\$23,815	\$30,332	\$23,284	\$19,015	\$17,807	\$17,664	\$20,480	\$31,973	\$53,845	\$68,305	\$51,514	\$0	\$358,032
19	Res-H	\$248,872	\$241,913	\$144,838	\$107,424	\$99,831	\$96,764	\$126,537	\$264,691	\$542,661	\$729,923	\$570,021	\$0	\$3,173,476
20	Small	\$30,306	\$25,091	\$13,405	\$11,338	\$10,462	\$9,012	\$11,424	\$25,949	\$64,505	\$96,496	\$79,402	\$0	\$377,389
21	Medium	\$52,219	\$45,082	\$24,805	\$30,077	\$26,181	\$26,085	\$34,516	\$50,563	\$110,867	\$131,178	\$105,872	\$0	\$637,444
22	Large LL	\$23,049	\$19,948	\$9,656	\$4,788	\$6,373	\$6,885	\$10,722	\$27,528	\$71,621	\$64,157	\$58,444	\$0	\$303,171
23	Large HL	\$5,781	\$7,481	\$7,225	\$6,193	\$5,502	\$7,871	\$7,785	\$9,393	\$13,261	\$14,042	\$10,598	\$0	\$95,135
24	XL-LL	\$3,791	\$4,161	\$1,395	\$391	\$1,073	\$958	\$1,781	\$6,700	\$13,722	\$12,919	\$14,877	\$0	\$61,771
25	XL-HL	\$12,460	\$17,341	\$17,290	\$17,495	\$17,477	\$18,874	\$16,719	\$20,370	\$25,244	\$24,020	\$20,049	\$0	\$207,340
26	Total	\$400,294	\$391,349	\$241,898	\$196,722	\$184,707	\$184,114	\$229,964	\$437,166	\$895,727	\$1,141,040	\$910,776	\$0	\$5,213,758

Col (a), Line 1 through 8, ISR rates per Docket No. 4219

Col (b) Lines 1-8, 50% of FY 12 ISR Factor + 50% of FY 13 ISR Factor

Col (f) Lines 1-8, 68% of FY 13 ISR Factor + 32% of no ISR Factor per Docket 4323 Amended Settlement Agreement

- 17 Sum (9) [16]
- 18 (1) * (9)
- 19 (2) * (10)
- 20 (3) * (11)
- 21 (4) * (12)
- 22 (5) * (13)
- 23 (6) * (14)
- 24 (7) * (15)
- 25 (8) * (16)
- 26 Sum (18) [25]

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4431
DISTRIBUTION ADJUSTMENT CHARGE FILING
SUPPLEMENTAL DIRECT TESTIMONY
MARIELLA C. SMITH**

**Schedule MCS-10S
Bill Impacts**

**Bill Impact Analysis with Various Levels of Consumption
Current DAC vs. Proposed 2013-2014 DAC**

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
1										
2										
3										
4										
5	550	\$829	\$833	(\$5)	-0.6%	\$0.00	(\$5)	\$0.00	\$0.00	\$0.00
6	608	\$899	\$904	(\$5)	-0.6%	\$0.00	(\$5)	\$0.00	\$0.00	\$0.00
7	667	\$971	\$976	(\$6)	-0.6%	\$0.00	(\$6)	\$0.00	\$0.00	\$0.00
8	727	\$1,042	\$1,049	(\$7)	-0.6%	\$0.00	(\$7)	\$0.00	\$0.00	\$0.00
9	788	\$1,112	\$1,119	(\$7)	-0.6%	\$0.00	(\$7)	\$0.00	\$0.00	\$0.00
10	Average Customer	\$1,178	\$1,185	(\$7)	-0.6%	\$0.00	(\$7)	\$0.00	\$0.00	\$0.00
11	904	\$1,243	\$1,251	(\$8)	-0.6%	\$0.00	(\$8)	\$0.00	\$0.00	\$0.00
12	966	\$1,313	\$1,321	(\$9)	-0.6%	\$0.00	(\$9)	\$0.00	\$0.00	\$0.00
13	1,023	\$1,377	\$1,386	(\$9)	-0.7%	\$0.00	(\$9)	\$0.00	\$0.00	\$0.00
14	1,081	\$1,441	\$1,450	(\$10)	-0.7%	\$0.00	(\$10)	\$0.00	\$0.00	\$0.00
15	1,145	\$1,511	\$1,521	(\$10)	-0.7%	\$0.00	(\$10)	\$0.00	\$0.00	\$0.00

Residential Heating Low Income:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
16										
17										
18										
19										
20	550	\$787	\$792	(\$5)	-0.6%	\$0.00	(\$5)	\$0.00	\$0.00	\$0.00
21	608	\$855	\$860	(\$5)	-0.6%	\$0.00	(\$5)	\$0.00	\$0.00	\$0.00
22	667	\$924	\$930	(\$6)	-0.6%	\$0.00	(\$6)	\$0.00	\$0.00	\$0.00
23	727	\$993	\$1,000	(\$6)	-0.6%	\$0.00	(\$6)	\$0.00	\$0.00	\$0.00
24	788	\$1,061	\$1,068	(\$7)	-0.7%	\$0.00	(\$7)	\$0.00	\$0.00	\$0.00
25	Average Customer	\$1,124	\$1,131	(\$7)	-0.7%	\$0.00	(\$7)	\$0.00	\$0.00	\$0.00
26	904	\$1,187	\$1,195	(\$8)	-0.7%	\$0.00	(\$8)	\$0.00	\$0.00	\$0.00
27	966	\$1,255	\$1,263	(\$9)	-0.7%	\$0.00	(\$9)	\$0.00	\$0.00	\$0.00
28	1,023	\$1,316	\$1,325	(\$9)	-0.7%	\$0.00	(\$9)	\$0.00	\$0.00	\$0.00
29	1,081	\$1,379	\$1,388	(\$10)	-0.7%	\$0.00	(\$10)	\$0.00	\$0.00	\$0.00
30	1,145	\$1,447	\$1,457	(\$10)	-0.7%	\$0.00	(\$10)	\$0.00	\$0.00	\$0.00

¹ Includes ISR Reconciliation impact

**Bill Impact Analysis with Various Levels of Consumption
Current DAC vs. Proposed 2013-2014 DAC**

Line
No.

Residential Non-Heating:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
31										
32	140	\$313	\$319	(\$5)	-1.6%	\$0.00		(\$5)	\$0.00	\$0.00
33	155	\$330	\$336	(\$6)	-1.7%	\$0.00		(\$6)	\$0.00	\$0.00
34	171	\$348	\$354	(\$6)	-1.8%	\$0.00		(\$6)	\$0.00	\$0.00
35	184	\$363	\$370	(\$7)	-1.8%	\$0.00		(\$7)	\$0.00	\$0.00
36	198	\$379	\$386	(\$7)	-1.9%	\$0.00		(\$7)	\$0.00	\$0.00
37	214	\$396	\$404	(\$8)	-1.9%	\$0.00		(\$8)	\$0.00	\$0.00
38	228	\$412	\$421	(\$8)	-2.0%	\$0.00		(\$8)	\$0.00	\$0.00
39	244	\$430	\$439	(\$9)	-2.0%	\$0.00		(\$9)	\$0.00	\$0.00
40	258	\$446	\$455	(\$9)	-2.1%	\$0.00		(\$9)	\$0.00	\$0.00
41	275	\$465	\$475	(\$10)	-2.1%	\$0.00		(\$10)	\$0.00	\$0.00
42	288	\$480	\$490	(\$11)	-2.2%	\$0.00		(\$11)	\$0.00	\$0.00
43										
44										
45										

Residential Non-Heating Low Income:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
46										
47	140	\$292	\$297	(\$5)	-1.7%	\$0.00		(\$5)	\$0.00	\$0.00
48	155	\$308	\$313	(\$6)	-1.8%	\$0.00		(\$6)	\$0.00	\$0.00
49	171	\$325	\$331	(\$6)	-1.9%	\$0.00		(\$6)	\$0.00	\$0.00
50	184	\$339	\$346	(\$7)	-2.0%	\$0.00		(\$7)	\$0.00	\$0.00
51	198	\$354	\$362	(\$7)	-2.0%	\$0.00		(\$7)	\$0.00	\$0.00
52	214	\$371	\$379	(\$8)	-2.1%	\$0.00		(\$8)	\$0.00	\$0.00
53	228	\$387	\$395	(\$8)	-2.1%	\$0.00		(\$8)	\$0.00	\$0.00
54	244	\$404	\$413	(\$9)	-2.2%	\$0.00		(\$9)	\$0.00	\$0.00
55	258	\$419	\$429	(\$9)	-2.2%	\$0.00		(\$9)	\$0.00	\$0.00
56	275	\$437	\$448	(\$10)	-2.3%	\$0.00		(\$10)	\$0.00	\$0.00
57	288	\$452	\$462	(\$11)	-2.3%	\$0.00		(\$11)	\$0.00	\$0.00
58										
59										
60										

¹ Includes ISR Reconciliation impact

**Bill Impact Analysis with Various Levels of Consumption
Current DAC vs. Proposed 2013-2014 DAC**

Line
No.

C & I Small:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
61										
62	880	\$1,367	\$1,372	(\$5)	-0.4%	\$0.00		(\$5)	\$0.00	\$0.00
63	973	\$1,470	\$1,476	(\$6)	-0.4%	\$0.00		(\$6)	\$0.00	\$0.00
64	1,067	\$1,574	\$1,580	(\$7)	-0.4%	\$0.00		(\$7)	\$0.00	\$0.00
65	1,162	\$1,676	\$1,683	(\$7)	-0.4%	\$0.00		(\$7)	\$0.00	\$0.00
66	1,258	\$1,774	\$1,782	(\$8)	-0.4%	\$0.00		(\$8)	\$0.00	\$0.00
67	1,352	\$1,868	\$1,877	(\$8)	-0.4%	\$0.00		(\$8)	\$0.00	\$0.00
68	1,446	\$1,964	\$1,973	(\$9)	-0.5%	\$0.00		(\$9)	\$0.00	\$0.00
69	1,542	\$2,061	\$2,070	(\$10)	-0.5%	\$0.00		(\$10)	\$0.00	\$0.00
70	1,635	\$2,155	\$2,165	(\$10)	-0.5%	\$0.00		(\$10)	\$0.00	\$0.00
71	1,730	\$2,250	\$2,260	(\$11)	-0.5%	\$0.00		(\$11)	\$0.00	\$0.00
72	1,825	\$2,345	\$2,356	(\$11)	-0.5%	\$0.00		(\$11)	\$0.00	\$0.00

C & I Medium:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
76										
77	7,941	\$9,049	\$9,101	(\$52)	-0.6%	\$0.00		(\$52)	\$0.00	\$0.00
78	8,796	\$9,933	\$9,990	(\$57)	-0.6%	\$0.00		(\$57)	\$0.00	\$0.00
79	9,650	\$10,816	\$10,879	(\$63)	-0.6%	\$0.00		(\$63)	\$0.00	\$0.00
80	10,505	\$11,700	\$11,768	(\$68)	-0.6%	\$0.00		(\$68)	\$0.00	\$0.00
81	11,361	\$12,585	\$12,659	(\$74)	-0.6%	\$0.00		(\$74)	\$0.00	\$0.00
82	12,217	\$13,470	\$13,549	(\$79)	-0.6%	\$0.00		(\$79)	\$0.00	\$0.00
83	13,073	\$14,355	\$14,440	(\$85)	-0.6%	\$0.00		(\$85)	\$0.00	\$0.00
84	13,928	\$15,238	\$15,329	(\$91)	-0.6%	\$0.00		(\$91)	\$0.00	\$0.00
85	14,782	\$16,122	\$16,218	(\$96)	-0.6%	\$0.00		(\$96)	\$0.00	\$0.00
86	15,637	\$17,005	\$17,107	(\$102)	-0.6%	\$0.00		(\$102)	\$0.00	\$0.00
87	16,492	\$17,889	\$17,997	(\$107)	-0.6%	\$0.00		(\$107)	\$0.00	\$0.00

¹ Includes ISR Reconciliation impact

**Bill Impact Analysis with Various Levels of Consumption
Current DAC vs. Proposed 2013-2014 DAC**

Line
No.

C & I LLF Large:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
91										
92										
93										
94										
95	41,066	\$43,007	\$42,912	\$94	0.2%	\$0.00	\$94	\$0.00	\$0.00	\$0.00
96	45,488	\$47,412	\$47,307	\$105	0.2%	\$0.00	\$105	\$0.00	\$0.00	\$0.00
97	49,910	\$51,817	\$51,702	\$115	0.2%	\$0.00	\$115	\$0.00	\$0.00	\$0.00
98	54,334	\$56,223	\$56,098	\$125	0.2%	\$0.00	\$125	\$0.00	\$0.00	\$0.00
99	58,757	\$60,629	\$60,494	\$135	0.2%	\$0.00	\$135	\$0.00	\$0.00	\$0.00
100	Average Customer	\$65,034	\$64,889	\$145	0.2%	\$0.00	\$145	\$0.00	\$0.00	\$0.00
101	67,600	\$69,438	\$69,282	\$156	0.2%	\$0.00	\$156	\$0.00	\$0.00	\$0.00
102	72,023	\$73,844	\$73,678	\$166	0.2%	\$0.00	\$166	\$0.00	\$0.00	\$0.00
103	76,447	\$78,251	\$78,075	\$176	0.2%	\$0.00	\$176	\$0.00	\$0.00	\$0.00
104	80,870	\$82,657	\$82,471	\$186	0.2%	\$0.00	\$186	\$0.00	\$0.00	\$0.00
105	85,292	\$87,061	\$86,865	\$196	0.2%	\$0.00	\$196	\$0.00	\$0.00	\$0.00

C & I HLF Large:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
106										
107										
108										
109										
110	50,411	\$127,303	\$127,096	\$207	0.2%	\$0.00	\$207	\$0.00	\$0.00	\$0.00
111	55,841	\$140,789	\$140,560	\$229	0.2%	\$0.00	\$229	\$0.00	\$0.00	\$0.00
112	61,273	\$154,280	\$154,029	\$251	0.2%	\$0.00	\$251	\$0.00	\$0.00	\$0.00
113	66,699	\$167,756	\$167,483	\$273	0.2%	\$0.00	\$273	\$0.00	\$0.00	\$0.00
114	72,129	\$181,243	\$180,947	\$296	0.2%	\$0.00	\$296	\$0.00	\$0.00	\$0.00
115	Average Customer	\$194,727	\$194,409	\$318	0.2%	\$0.00	\$318	\$0.00	\$0.00	\$0.00
116	82,989	\$208,215	\$207,875	\$340	0.2%	\$0.00	\$340	\$0.00	\$0.00	\$0.00
117	88,416	\$221,694	\$221,331	\$362	0.2%	\$0.00	\$362	\$0.00	\$0.00	\$0.00
118	93,847	\$235,182	\$234,797	\$385	0.2%	\$0.00	\$385	\$0.00	\$0.00	\$0.00
119	99,275	\$248,663	\$248,256	\$407	0.2%	\$0.00	\$407	\$0.00	\$0.00	\$0.00
120	104,705	\$262,150	\$261,720	\$429	0.2%	\$0.00	\$429	\$0.00	\$0.00	\$0.00

¹ Includes ISR Reconciliation impact

**Bill Impact Analysis with Various Levels of Consumption
Current DAC vs. Proposed 2013-2014 DAC**

Line
No.

C & I LLF Extra-Large:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
121										
122										
123										
124										
125	174,357	\$152,898	\$152,637	\$262	0.2%	\$0.00	\$262	\$0.00	\$0.00	\$0.00
126	193,136	\$168,816	\$168,527	\$290	0.2%	\$0.00	\$290	\$0.00	\$0.00	\$0.00
127	211,912	\$184,732	\$184,414	\$318	0.2%	\$0.00	\$318	\$0.00	\$0.00	\$0.00
128	230,688	\$200,649	\$200,303	\$346	0.2%	\$0.00	\$346	\$0.00	\$0.00	\$0.00
129	249,466	\$216,566	\$216,192	\$374	0.2%	\$0.00	\$374	\$0.00	\$0.00	\$0.00
130	Average Customer	\$232,483	\$232,080	\$402	0.2%	\$0.00	\$402	\$0.00	\$0.00	\$0.00
131	287,018	\$248,398	\$247,968	\$431	0.2%	\$0.00	\$431	\$0.00	\$0.00	\$0.00
132	305,796	\$264,316	\$263,857	\$459	0.2%	\$0.00	\$459	\$0.00	\$0.00	\$0.00
133	324,573	\$280,233	\$279,746	\$487	0.2%	\$0.00	\$487	\$0.00	\$0.00	\$0.00
134	343,350	\$296,149	\$295,634	\$515	0.2%	\$0.00	\$515	\$0.00	\$0.00	\$0.00
135	362,127	\$312,066	\$311,523	\$543	0.2%	\$0.00	\$543	\$0.00	\$0.00	\$0.00

C & I HLF Extra-Large:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:				
						GCR	Base DAC _i	DAC	ISR	EE
136										
137										
138										
139										
140	447,421	\$352,538	\$351,285	\$1,253	0.4%	\$0.00	\$1,253	\$0.00	\$0.00	\$0.00
141	495,605	\$389,954	\$388,566	\$1,388	0.4%	\$0.00	\$1,388	\$0.00	\$0.00	\$0.00
142	543,789	\$427,371	\$425,848	\$1,523	0.4%	\$0.00	\$1,523	\$0.00	\$0.00	\$0.00
143	591,972	\$464,786	\$463,129	\$1,658	0.4%	\$0.00	\$1,658	\$0.00	\$0.00	\$0.00
144	640,155	\$502,202	\$500,409	\$1,792	0.4%	\$0.00	\$1,792	\$0.00	\$0.00	\$0.00
145	Average Customer	\$539,619	\$537,692	\$1,927	0.4%	\$0.00	\$1,927	\$0.00	\$0.00	\$0.00
146	736,523	\$577,035	\$574,973	\$2,062	0.4%	\$0.00	\$2,062	\$0.00	\$0.00	\$0.00
147	784,708	\$614,452	\$612,255	\$2,197	0.4%	\$0.00	\$2,197	\$0.00	\$0.00	\$0.00
148	832,891	\$651,868	\$649,536	\$2,332	0.4%	\$0.00	\$2,332	\$0.00	\$0.00	\$0.00
149	881,074	\$689,284	\$686,817	\$2,467	0.4%	\$0.00	\$2,467	\$0.00	\$0.00	\$0.00
150	929,259	\$726,701	\$724,099	\$2,602	0.4%	\$0.00	\$2,602	\$0.00	\$0.00	\$0.00

¹ Includes ISR Reconciliation impact

**Supplemental Testimony of
William R. Richer**

SUPPLEMENTAL DIRECT TESTIMONY

OF

WILLIAM R. RICHER

TABLE OF CONTENTS

I. Introduction and Qualifications1

II. Revised Pension and PBOP Expense Reconciliation2

III. Updated on Earnings Sharing Mechanism Results2

IV. Conclusion.....3

1 **I. Introduction and Qualifications**

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

3 A. My name is William R. Richer and my business address is 40 Sylvan Road, Waltham,
4 Massachusetts 02451.

5

6 **Q. Have you previously submitted testimony in this docket?**

7 A. Yes. I submitted my direct testimony on August 1, 2013.

8

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

10 A. My testimony updates the following aspects related to the Company's Distribution
11 Adjustment Clause ("DAC"):

12 (1) I provide an update to the Pension and Postretirement Benefits Other Than
13 Pensions ("PBOP") reconciliation submitted in the Company's August 1 filing.

14 (2) I provide an update to the status of the Company's earnings subject to the
15 ESM for the period ending March 31, 2013.

16

17 **Q. Are there any schedules to your supplemental testimony?**

18 A. Yes, I am sponsoring the following schedules, including those schedules previously
19 filed but which the Company is not providing any changes:

20	Schedule WRR-1S	Pension and Postretirement Benefits Other Than
21		Pensions Reconciliation
22		
23	Schedule WRR-2	Actual vs. Forecasted Revenue Requirement Associated

1 with FY 2013 Infrastructure, Safety, and Reliability
2 (“ISR”) Plan
3
4 Schedule WRR-3 Schedule of Refunds Due to Customers as a Result of
5 the Capital Tracker
6
7 Schedule WRR-4 Schedule of Recovery as a Result of the ARP
8

9 **II. Revised Pension and PBOP Expense Reconciliation**

10 **Q. Is the Company revising its Pension and PBOP expense reconciliation in this**
11 **supplemental filing?**

12 A. Yes it is. Consistent with its responses to the Division’s first set of data requests
13 issued to the Company on August 16, 2013, the Company has revised its Pension and
14 PBOP expense reconciliation.
15

16 **Q. Is the Company including its revised reconciliation for the period ending March**
17 **2013 in this supplemental filing?**

18 A. Yes it is. It is included as Schedule WRR-1S. This schedule reflects revisions as a
19 result of and explained in the Company’s responses to Division Data Requests DIV 1-
20 1 and DIV 1-4.
21

22 **III. Update on Earnings Sharing Mechanism Results**

23 **Q. Please provide the status of the Company’s earnings pursuant to the Earnings**
24 **Sharing Mechanism (“ESM”).**

25 A. On June 28, 2013, the Company submitted an earnings report for the 12-months ended

1 September 30, 2012 and stated that due to the recent implementation of its new
2 financial system, financial data for the period through March 31, 2013 was
3 unavailable. The Company committed to supplement this earnings report once the
4 information becomes available. As of the filing of this supplemental testimony, the
5 information is not yet available to provide an updated earnings report in this filing.
6

7 **Q. Does the Company anticipate a significant difference between the earnings it**
8 **reported in its June 28, 2013 earnings report for the 12-month period ending**
9 **September 2012 when it eventually provides its earnings for the 12-month period**
10 **ending March 2013?**

11 A. As indicated in its August 1 filing in this docket, although the Company cannot, with
12 certainty, state what its earnings will be for FY 2013, it is very unlikely that it will
13 have excess earnings that will be subject to sharing with its customers, as the reported
14 return on equity for the 12-month period ending September 2012 is 4.41%.

15
16 **IV. Conclusion**

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

18 A. Yes.

**Schedules of
William R. Richer**

Schedules of William R. Richer

Schedule WRR-1S	Pension and Postretirement Benefits Other Than Pensions Reconciliation
Schedule WRR-2	Actual vs. Forecasted Revenue Requirement Associated with FY 2013 Infrastructure, Safety, and Reliability (“ISR”) Plan
Schedule WRR-3	Schedule of Refunds Due to Customers as a Result of the Capital Tracker
Schedule WRR-4	Schedule of Recovery as a Result of the ARP

Schedule WRR-1S

Pension and Postretirement Benefits Other Than Pensions Reconciliation

**Narragansett Electric - Gas Operations
Pension Costs
9 Months Ended March 31, 2013**

<u>Line No.</u>		<u>July 2012 thru January 2013</u> (a)	<u>February 2013 thru March 2013</u> (b)	<u>Total</u> (c)
1	<u>Rate Allowance:</u>			
2	National Grid - RI Gas Pension Costs Allowance	\$2,786,862	\$783,721	\$3,570,583
3	National Grid - Service Company Allocated Pension Costs Allowance	160,139	496,255	\$656,394
4	Total Pension Costs	<u>\$2,947,001</u>	<u>\$1,279,975</u>	<u>\$4,226,977</u>
5				
6	<u>Expense Reconciliation:</u>			
7	July - October Actual Pension Expense Including Service Company-Allocated Expense			\$2,758,015
8	November - March Estimated Pension Expense Including Service Company-Allocated Expense			<u>3,329,299</u>
9				
10	Total Current Year Pension Expense Including Service Company-Allocated Expense			\$6,087,314
11				
12	Rate Allowance			\$4,226,977
13				
14	Current Year Regulatory Expense Reconciliation			\$1,860,337
15				
16	Funding Carrying Charge			(\$99,095)

Line Notes:

- 2(a) Docket No. 3943, Attachment NG-MDL-3, Page 1 of 2, Line 2, prorated for 7 months
- 2(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, Line 1(e), prorated for 2 months
- 3(a) Docket No. 3943, Attachment NG-MDL-3, Page 1 of 2, Line 3, prorated for 7 months
- 3(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, sum of Lines 2(e) through 5(e), prorated for 2 months
- 4 Line 2 + Line 3
- 7 Pension expense per books
- 8 Page 5 of 6, Line 8(f)
- 10 Line 7 + Line 8
- 12 Line 4
- 14 Line 10 - Line 12
- 16 - Page 3 of 6, line 27(h)

Narragansett Electric - Gas Operations
Post-Retirement Benefits Other Than Pension (PBOP) Costs
9 Months Ended March 31, 2013

Line No.		July 2012 thru <u>January 2013</u> (a)	February 2013 <u>thru March 2013</u> (b)	<u>Total</u> (c)
1	<u>Rate Allowance</u>			
2	National Grid - RI Gas PBOP Costs Allowance	\$2,383,723	\$411,728	\$2,795,450
3	National Grid - Service Company Allocated PBOP Costs Allowance	280,870	308,740	589,610
4	Total PBOP Costs	<u>\$2,664,593</u>	<u>\$720,467</u>	<u>\$3,385,060</u>
5				
6	<u>Expense Reconciliation</u>			
7	July - October Actual PBOP Expense Including Service Company-Allocated Expense			\$1,219,708
8	November - March Estimated PBOP Expense Including Service Company-Allocated Expense			<u>1,593,314</u>
9				
10	Total Current Year PBOP Expense Including Service Company-Allocated Expense			\$2,813,022
11				
12	Rate Allowance			\$3,385,060
13				
14	Current Year Regulatory Expense Reconciliation			(\$572,038)
15				
16	Funding Carrying Charge			(\$272,018)

Line Notes:

- 2(a) Docket No. 3943, Attachment NG-MDL-3, Page 2 of 2, Line 2, prorated for 7 months
- 2(b) Docket No. 4323, Attachment MDL-3-GAS, Page 35 of 65, Line 1(e), prorated for 2 months
- 3(a) Docket No. 3943, Attachment NG-MDL-3, Page 2 of 2, Line 3, prorated for 7 months
- 3(b) Docket No. 4323, Attachment MDL-3-GAS, Page 35 of 65, sum of Lines 2(e) through 5(e), prorated for 2 months
- 4 Line 2 + Line 3
- 7 PBOP expense per books
- 8 Page 6 of 6, Line 8(f)
- 10 Line 7 + Line 8
- 12 Line 4
- 14 Line 10 - Line 12
- 16 - Page 4 of 6, Line 27(h)

**Narragansett Electric - Gas Operations
Pension Funding Carrying Charges
9 Months Ended March 31, 2013**

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Dkt 3943	Dkt 4323	Mar-2012	Jun-2012	Sep-2012	Dec-2012	Mar-2013	
Customer Funding								
1 Base Rate Recovery:								
2 Direct	\$4,777,478	\$4,702,324	\$1,194,369	\$1,194,369	\$1,194,369	\$1,194,369	\$1,181,844	
3 Servco	\$274,525	\$2,977,528	\$68,631	\$68,631	\$68,631	\$68,631	\$519,132	
4								
5 PAM Surcharge Recovery:	\$2,578,314	\$2,481,524	\$644,579	\$644,579	\$644,579	\$628,447	\$620,381	
6 Exclude Carrying Charge Credit			\$0	\$0	\$0	\$0	\$0	
7 Pension Capitalized Amount:								
8 Direct	\$3,799,162	\$4,050,423	\$949,791	\$949,791	\$949,791	\$949,791	\$991,667	
9 Servco	\$565,799	\$728,424	\$141,450	\$141,450	\$141,450	\$141,450	\$168,554	
10 Charged to Affiliates	\$124,287	\$0	\$31,072	\$31,072	\$31,072	\$31,072	\$10,357	
11								
12 Total Customer Funding:			\$3,029,891	\$3,029,891	\$3,029,891	\$3,013,759	\$3,491,935	
13								
14 Company Contributions¹			Jun-2012	Sep-2012	Dec-2012	Mar-2013	Jun-2013	
15 Pension			\$2,608,000	\$2,317,000	\$3,739,000	895,000	2,004,250	
16								
17 Service Company Allocated Costs			\$210,081	\$210,081	\$210,081	\$210,081	\$687,686	
18 Total Contributions			\$2,818,081	\$2,527,081	\$3,949,081	\$1,105,081	\$2,691,936	
19								
20 Under/(Over) Funding			\$211,810	\$502,810	(\$919,190)	\$1,908,679	\$799,999	
21								
22 Cumulative Under/(Over) Funding			\$211,810	\$714,621	(\$204,569)	\$1,704,110	\$2,504,109	
23 Five Quarter Average								\$986,016
24								
25 Base for Carrying Charge (greater of line 22 or zero)								\$986,016
26 Pre-tax WACC								10.05%
27 Carrying Charge								<u>\$99,095</u>

Company Contributions¹-This amount represents dollars funded in the subsequent quarter

Line Notes

- 2(a) Docket No. 3943, Attachment NG-MDL-3, Page 1 of 2, Line 2
- 2(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, Line 1(e)
- 2(c)-2(f) Line 2(a) ÷ 12 x 3
- 2(g) (Line 2(a) ÷ 12 x 1) + (Line 2(b) ÷ 12 x 2)
- 3(a) Docket No. 3943, Attachment NG-MDL-3, Page 1 of 2, Line 3
- 3(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, sum of Lines 2(e) through 5(e)
- 3(c)-3(f) Line 3(a) ÷ 12 x 3
- 3(g) (Line 3(a) ÷ 12 x 1) + (Line 3(b) ÷ 12 x 2)
- 5(a) Docket No. 4339, Attachment MCS-5, Page 2 of 3, Line 11(c)
- 5(b) Docket No. 4339, Attachment MCS-5, Page 2 of 3, Line 11(d)
- 5(c)-5(f) Line 5(a) ÷ 12 x 3
- 5(g) (Line 5(a) ÷ 12 x 1) + (Line 5(b) ÷ 12 x 2)
- 8(a) From Company Books (data for the 12 months ended October 31, 2012)
- 8(b) Page 5 of 6, Line 1(a) - Line 4(a)
- 8(c)-8(f) Line 8(a) ÷ 12 x 3
- 8(g) (Line 8(a) ÷ 12 x 1) + (Line 8(b) ÷ 12 x 2)
- 9(a) From Company Books (data for the 12 months ended October 31, 2012)
- 9(b) Page 5 of 6 (Line 1(b) x Line 2(b) x (1 - Line 3(b))) + (Line 1(d) x Line 2(d) x (1 - Line 3(d)))
- 9(c)-9(f) Line 9(a) ÷ 12 x 3
- 9(g) (Line 9(a) ÷ 12 x 1) + (Line 9(b) ÷ 12 x 2)
- 10(a) From Company Books (data for the 12 months ended October 31, 2012)
- 10(c)-10(f) Line 10(a) ÷ 12 x 3
- 10(g) (Line 10(a) ÷ 12 x 1) + (Line 10(b) ÷ 12 x 2)
- 12 Sum of Line 2 through Line 10
- 15 Per Company Books

Narragansett Electric - Gas Operations
PBOP Funding - Carrying Charges
9 Months Ended March 31, 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Dkt 3943	Dkt 4323	Mar-2012	Jun-2012	Sep-2012	Dec-2012	Mar-2013	
Customer Funding								
1 Base Rate Recovery:								
2 Direct	\$4,086,382	\$2,470,365	\$1,021,596	\$1,021,596	\$1,021,596	\$1,021,596	\$752,259	
3 Servco	\$481,491	\$1,852,439	\$120,373	\$120,373	\$120,373	\$120,373	\$348,864	
4								
5 PAM Surcharge Recovery:	\$1,482,590	(\$510,699)	\$370,648	\$370,648	\$370,648	\$38,433	(\$127,675)	
6 Exclude Carrying Charge Credit			\$0	\$0	\$0	\$0	\$0	
7 OPEB Capitalized Amount:								
8 Direct	\$1,870,668	\$1,752,799	\$467,667	\$467,667	\$467,667	\$467,667	\$448,022	
9 Servco	\$318,075	\$364,708	\$79,519	\$79,519	\$79,519	\$79,519	\$87,291	
10 Charged to Affiliates	\$59,981		\$14,995	\$14,995	\$14,995	\$14,995	\$4,998	
11								
12 Total Customer Funding:			\$2,074,797	\$2,074,797	\$2,074,797	\$1,742,582	\$1,513,760	
13								
14 Company Contributions¹			Jun-2012	Sep-2012	Dec-2012	Mar-2013	Jun-2013	
15 OPEB			\$1,237,145	\$703,705	\$700,980	701,719	621,709	
16								
17 Service Company Allocated Costs			\$199,892	\$199,892	\$199,892	\$199,892	\$436,155	
18			\$1,437,037	\$903,597	\$900,872	\$901,610	\$1,057,864	
19								
20 Under/(Over) Funding			\$637,760	\$1,171,200	\$1,173,925	\$840,971	\$455,896	
21								
22 Cumulative Funding Under/(Over) Funding			\$637,760	\$1,808,960	\$2,982,885	\$3,823,856	\$4,279,752	
23 Four Quarter Average								\$2,706,643
24								
25 Base for Carrying Charge (greater of line 22 or zero)								\$2,706,643
26 Pre-tax WACC								10.05%
27 Carrying Charge								<u>\$272,018</u>

Company Contributions¹-This amount represents dollars funded in the subsequent quarter

Line Notes

- 2(a) Docket No. 3943, Attachment NG-MDL-3, Page 2 of 2, Line 3
- 2(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, Line 1(e)
- 2(c)-2(f) Line 2(a) ÷ 12 x 3
- 2(g) (Line 2(a) ÷ 12 x 1) + (Line 2(b) ÷ 12 x 2)
- 3(a) Docket No. 3943, Attachment NG-MDL-3, Page 2 of 2, Line 4
- 3(b) Docket No. 4323, Attachment MDL-3-GAS, Page 36 of 65, sum of Lines 2(e) through 5(e)
- 3(c)-3(f) Line 3(a) ÷ 12 x 3
- 3(g) (Line 3(a) ÷ 12 x 1) + (Line 3(b) ÷ 12 x 2)
- 5(a) Docket No. 4339, Attachment MCS-5, Page 3 of 3, Line 11(c)
- 5(b) Docket No. 4339, Attachment MCS-5, Page 3 of 3, Line 11(d)
- 5(c)-5(f) Line 5(a) ÷ 12 x 3
- 5(g) (Line 5(a) ÷ 12 x 1) + (Line 5(b) ÷ 12 x 2)
- 8(a) From Company Books (data for the 12 months ended October 31, 2012)
- 8(b) Page 6 of 6, Line 1(a) - Line 4(a)
- 8(c)-8(f) Line 8(a) ÷ 12 x 3
- 8(g) (Line 8(a) ÷ 12 x 1) + (Line 8(b) ÷ 12 x 2)
- 9(a) From Company Books (data for the 12 months ended October 31, 2012)
- 9(b) Page 6 of 6 (Line 1(b) x Line 2(b) x (1 - Line 3(b))) + (Line 1(d) x Line 2(d) x (1 - Line 3(d)))
- 9(c)-9(f) Line 9(a) ÷ 12 x 3
- 9(g) (Line 9(a) ÷ 12 x 1) + (Line 9(b) ÷ 12 x 2)
- 10(a) From Company Books (data for the 12 months ended October 31, 2012)
- 10(c)-10(f) Line 10(a) ÷ 12 x 3
- 10(g) (Line 10(a) ÷ 12 x 1) + (Line 10(b) ÷ 12 x 2)
- 12 Sum of Line 2 through Line 10
- 15 Per Company Books
- 17 Per Company Books
- 18 Sum of Line 15 through Line 17
- 20 Line 12 - Line 18
- 22 Current year Line 20 + prior year Line 22
- 23 Average of Column (c) through Column (g)
- 25 If Line 23 is greater than zero, Line 23 if not, zero
- 26 Docket No. 4323
- 27 Line 25 x Line 26

**Narragansett Electric - Gas Operations
Estimated Pension Expense
Fiscal Year Ended March 31, 2013**

	(a)	(b)	(c)	(d)	(e)	(a)+(b)+(c)+(d)+(e) (f)
	<u>Company Direct</u>	<u>KeySpan Service Company</u>	<u>FAS87 Costs KeySpan Utility Company</u>	<u>National Grid USA Service Company</u>	<u>Other</u>	<u>Total</u>
1 Actuarial Pension Total Cost	\$8,845,650	\$64,694,423	\$4,910,580	\$48,298,473		
2 Percentage Charged to Company- Total	100.00%	2.29%	0.65%	4.99%		
3 O & M Percentage Charged to Company Labor	54.21%	92.12%	100.00%	74.62%		
4 Total Actuarial Company FAS 87 Costs to O&M	\$4,795,227	\$1,364,760	\$31,919	\$1,798,412	\$0	\$7,990,318
5						\$0
6 Total Estimated Pension Expense	\$4,795,227	\$1,364,760	\$31,919	\$1,798,412	\$0	\$7,990,318
7						
8 Pension Expense Pro Rated for 5 Months						\$3,329,299
9						

	(g) FY 2013
Company Direct	
FAS 87 Cost per Hewitt	\$4,780,390
Fair Value Amortization	\$4,065,260
Company Direct Total Pension Cost	\$8,845,650
KeySpan Corporate Services	
FAS 87 Cost per Hewitt	\$64,694,423
Fair Value Amortization	\$0
KeySpan Corporate Services Total Pension Cost	\$64,694,423
Keyspan Utility Company	
FAS 87 Cost per Hewitt	\$4,910,580
Fair Value Amortization	\$0
Keyspan Utility Serv Co. Total Pension Cost	\$4,910,580
National Grid Service Company	
FAS 87 Cost per Hewitt	\$57,636,464
Fair Value Amortization	(\$9,337,991)
National Grid Service Company Total Pension Cost	\$48,298,473

Line Notes

- 1(a) Line 16(g)
- 1(b) Line 23(g)
- 1(c) Line 30(g)
- 1(d) Line 37(g)
- 2 Docket No. 4323, Schedule MDL-3-GAS, Page 36 of 65, Line 21
- 3 Docket No. 4323, Schedule MDL-3-GAS, Page 36 of 65, Line 22
- 4 Line 1 x Line 2 x Line 3
- 6 Line 4
- 8(f) Line 6(f) ÷ 12 x 5
- 14 2013 Actuary Report
- 15 From Company Books
- 16 Line 14 + Line 15
- 21 2013 Actuary Report
- 22 From Company Books
- 23 Line 21 + Line 22
- 28 2013 Actuary Report
- 29 From Company Books
- 30 Line 28 + Line 29
- 35 2013 Actuary Report
- 36 From Company Books
- 37 Line 35 + Line 36

Narragansett Electric - Gas Operations
Estimated Post-Employment Benefits Other than Pensions (PBOP) Expense
Fiscal Year Ended March 31, 2013

	(a)	(b)	(c)	(d)	(e)	(a)+(b)+(c)+(d)+(e) (f)
	FAS106 Costs					
	Company Direct	KeySpan Service Company	KeySpan Utility Company	National Grid USA Service Company	Other	Total
1 Acutarial PBOP Total Cost	\$3,827,908	\$41,478,830	\$3,324,901	\$22,887,264		
2 Percentage Charged to Company- Total	100.00%	2.29%	0.65%	4.99%		
3 O & M Percentage Charged to Company Labor	54.21%	92.12%	100.00%	74.62%		
4 Total Company Rate Year FAS 106 Costs to O&M	\$2,075,109	\$875,016	\$21,612	\$852,216	\$0	\$3,823,953
5						\$0
6 Total Estimated PBOP Expense	\$2,075,109	\$875,016	\$21,612	\$852,216	\$0	\$3,823,953
7						
8 PBOP Expense Pro Rated for 5 Months						\$1,593,314
9						

	(g) FY 2013
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	FY 2013
Company Direct	
FAS 106 Cost per Hewitt	\$2,038,178
Fair Value Amortization	\$1,789,730
Company Direct Total POBP Cost	\$3,827,908

	FY 2013
KeySpan Corporate Services	
FAS 106 Cost per Hewitt	\$41,478,830
Fair Value Amortization	\$0
KeySpan Corporate Services Total POBP Cost	\$41,478,830

	FY 2013
KeySpan Utility Services	
FAS 106 Cost per Hewitt	\$3,324,901
Fair Value Amortization	\$0
KeySpan Utility Services Total POBP Cost	\$3,324,901

	FY 2013
National Grid Service Company	
FAS 106 Cost per Hewitt	\$22,527,885
Fair Value Amortization	\$359,379
National Grid Service Company Total POBP Cost	\$22,887,264

Line Notes

- 1(a) Line 15
- 1(b) Line 22
- 1(c) Line 29
- 1(d) Line 36
- 2 Docket No. 4323, Schedule MDL-3-GAS, Page 35 of 65, Line 22
- 3 Docket No. 4323, Schedule MDL-3-GAS, Page 35 of 65, Line 23
- 4 Line 1 x Line 2 x Line 3
- 6 Line 4
- 8(f) Line 6(f) ÷ 12 x 5
- 15 2013 Actuary Report
- 16 From Company Books
- 17 Line 13 + Line 14
- 20 2013 Actuary Report
- 21 From Company Books
- 22 Line 20 + Line 21
- 27 2013 Actuary Report
- 28 From Company Books
- 29 Line 27 + Line 28
- 34 2013 Actuary Report
- 35 From Company Books
- 36 Line 34 + Line 35

Schedule WRR-2

Actual vs. Forecasted Revenue Requirement Associated with FY 2013 Infrastructure, Safety,
and Reliability (“ISR”) Plan

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Gas ISR Revenue Requirement Reconciliation
Summary

<u>Line No.</u>		<u>As Approved</u> (a)	(b)	<u>Calculated</u> (c)
1	FY2013 Revenue Requirement on Proposed FY2013 Capital Investment	\$2,506,927	*66.7%	\$1,672,120
2	FY2013 Revenue Requirement on FY2013 Actual Incremental Capital Investment			(\$151,130)
3	FY2013 Revenue Requirement on Proposed FY2012 Capital Investment	\$5,025,507	*66.7%	\$3,352,013
4	FY2013 Revenue Requirement on FY 2012 Actual Incremental Capital Investment			\$515,967
5	Less Property Tax Related Settlement Agreement dated 1/30/12	<u>(\$260,000)</u>	*66.7%	<u>(\$173,420)</u>
6	Total Actual FY2013 Revenue Requirement	<u>\$7,272,434</u>		<u>\$5,215,550</u>
7	True Up for Capital Repairs Deduction Rate of FY2012 Revenue Requirement Reconciliation in R.I.P.U.C. Docket No. 4219			(\$51,435)
8	True Up for Capital Repairs Deduction Rate of Proposed FY2013 Revenue Requirement on FY2012 Capital Investment in R.I.P.U.C. Docket No. 4306			(\$78,552)
9	Total Adjusted FY2013 Revenue Requirement			<u>\$5,085,563</u>

Column Notes

- (a) R.I.P.U.C. Docket No. 4306 FY 2013 Proposal, Schedule WRR-1, Page 1 of 5, Column (b)
- (b) Actual Throughput Percentage for Narragansett Gas for ten months April 1, 2012 through January 31, 2013

Line Notes

- 1(c) Line 1(a) multiplied by Line 1(b)
- 2(c) Page 2 of 11, Line 24(a)
- 3(c) Line 3(a) multiplied by Line 3(b)
- 4(c) Page 4 of 11, Line 24(b)
- 5(c) Line 5(a) multiplied by Line 5(b)
- 6(c) Sum of Lines 1(c) through 5(c)
- 7(c) Page 7 of 11, Line 4(c)
- 8(c) Page 7 of 11, Line 8(c)
- 9(c) Sum of Lines 6(c) through 8(c)

Schedule WRR-3

Schedule of Refunds Due to Customers as a Result of the Capital Tracker

Narragansett Electric - Gas Operations
Capital Tracker History

Measurement Period rate year ending September 30, 2009

<u>Refund Period</u>	<u>Annual Revenue Requirement</u>	<u>Passed back in DAC Factor Effective</u>	
(1) November 1, 2008 - October 31, 2009	(\$2,019,423)	November 1, 2009	(a)
(2) November 1, 2009 - October 31, 2010	(\$2,013,339)		
(3) November 1, 2010 - October 31, 2011	(\$2,013,339)	November 1, 2010	
(4) November 1, 2011 - October 31, 2012	(\$2,013,339)	November 1, 2011	
(5) November 1, 2012 - January 31, 2013	(\$2,013,339)	November 1, 2012	(b)

Source: Annual DAC filings.

- (a) To align credit to customers with period over which revenue requirement was calculated, the Company reflected two year's worth of revenue requirement in the November 2009 DAC.
- (b) Filed for an annual revenue requirement refund of \$2,013,339, but investment moved into rate base (and base rates) effective February 1, 2013, so refund should only be for the 3 months that are prior to when base rates went into effect.

**Schedule
WRR-4**

Schedule WRR-4

Schedule of Recovery as a Result of the ARP

Narragansett Electric - Gas Operations
ARP History

	Investment Period (period over which investment was recorded)	Revenue Requirement Period (period over which revenue requirement was applicable)	Amount	Recovered in DAC Factor Effective
(1)	October 1, 2009 - March 31, 2010	April 1, 2010 - March 31, 2011	\$323,386	November 1, 2010
(2)	October 1, 2009 - March 31, 2010 April 1, 2010 - March 31, 2011 (FY 11)	April 1, 2011 - March 31, 2012	\$2,206,391	November 1, 2011
(3)	October 1, 2009 - March 31, 2010 April 1, 2010 - March 31, 2011 (FY 11)	April 1, 2012 - March 31, 2013	\$2,199,383	November 1, 2012
(4)	October 1, 2009 - March 31, 2010 April 1, 2010 - March 31, 2011 (FY 11)	April 1, 2012 - January 31, 2013	\$2,199,383	November 1, 2012 (a)

Source: Annual DAC filings.

- (a) Filed for an annual revenue requirement recovery of \$2,199,383, but investment moved into rate base (and base rates) effective February 1, 2013.