

August 1, 2012

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: 2012 Distribution Adjustment Charge ("DAC")  
Docket No. \_\_\_\_\_**

Dear Ms. Massaro:

In accordance with the provisions of the Distribution Adjustment Clause Tariff, RIPUC NG No. 101, Section 3, Schedule A, enclosed please find ten (10) copies of National Grid's<sup>1</sup> annual DAC filing. The DAC was established in Docket No. 3401 to provide for the recovery and reconciliation of the costs of identifiable special programs. Thus, the DAC is comprised of several factors relative to the specific underlying programs.

This filing consists of the pre-filed testimony of Mariella C. Smith and associated attachments in support of the proposed DAC factors. Unlike prior DAC filings, the 2012 filing includes an Infrastructure, Safety and Reliability ("ISR") reconciliation factor based on the reconciliation of the actual revenue requirement contained in the Company's FY 2012 Gas ISR Reconciliation filing filed today in Docket No. 4219 and ISR collections during the same period. The reconciliation is comprised of two components: a) the difference between the forecasted and actual revenue requirement and; b) the reconciliation of forecasted collections and actual collections. Additionally, the 2012 DAC filing includes Revenue Decoupling Adjustment factor to reconcile actual revenue-per-customer by rate class with the target revenue-per-customer as filed on July 2, 2012 in Docket 4339 under the Revenue Decoupling Mechanism approved by the Commission in Docket No. 4206. Given the implementation of the Revenue Decoupling Mechanism, this year's DAC filing no longer includes a Weather Normalization Adjustment factor.

As the underlying data for certain components of the DAC become available only after August 1, as in the past the Company will supplement this filing on or before September 1, 2012. That supplemental filing will provide proposed DAC rates for effect November 1, 2012, which incorporate factors for all updated DAC components, and will include a bill-impact analysis.

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

Luly E. Massaro, Commission Clerk  
2012 DAC Filing  
August 1, 2012  
Page 2 of 2

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,

A handwritten signature in blue ink, appearing to read "T. Teehan", with a stylized flourish at the end.

Thomas R. Teehan

Enclosures

cc: Leo Wold, Esq.  
Steve Scialabba  
Bruce Oliver

**THE NARRAGANSETT ELECTRIC COMPANY**  
**d/b/a NATIONAL GRID**  
**R.I.P.U.C. DOCKET NO. \_\_\_\_\_**  
**DISTRIBUTION ADJUSTMENT CHARGE FILING**  
**WITNESS: MARIELLA C. SMITH**  
**AUGUST 1, 2012**

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**DIRECT TESTIMONY**

**OF**

**MARIELLA C. SMITH**

**AUGUST 1, 2012**

**THE NARRAGANSETT ELECTRIC COMPANY**  
**d/b/a NATIONAL GRID**  
**R.I.P.U.C. DOCKET NO. \_\_\_\_\_**  
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**WITNESS: MARIELLA C. SMITH**  
**AUGUST 1, 2012**

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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 Reservoir Woods, 40  
4           Sylvan Road, Waltham, Massachusetts 02451.

6    **Q.     What is your position and responsibilities?**

7    A.     I am a Lead Analyst in the Gas Regulatory & Pricing organization for National  
8           Grid – Gas ("National Grid" or the "Company"). My responsibilities include  
9           overseeing the design, implementation, and administration of rates and tariffs by  
10          National Grid for natural gas service in Rhode Island.

12   **Q.     Have you previously testified before the Rhode Island Public Utilities  
13          Commission (the "Commission")?**

14   A.     No.

16   **Q.     Please provide your educational background.**

17   A.     I received a Bachelor of Arts in Political Science from the University of  
18           California, Los Angeles and a Master of Arts in Law and Diplomacy from the  
19           Fletcher School at Tufts University.

20

21

1   **Q.     Please provide your professional background.**

2   A.     I was first employed by Keyspan Energy in New York from September 2005  
3           through May 2007 as an analyst in the Regulatory Affairs Department. Prior to  
4           re-joining National Grid in 2012, I was an energy consultant with PA Consulting  
5           Group. In that role, I provided strategic advisory services on portfolio  
6           optimization, asset acquisition, development, and disposition activities to large  
7           utilities. I also performed strategic and operational assessments for utilities in the  
8           United States and co-authored market expert reports, white papers and briefings  
9           on a variety of topics related to U.S. energy markets. Most recently, I worked  
10          with National Grid at the executive level to analyze its company costs and internal  
11          allocations. In 2012, I became a Lead Analyst with the Regulatory and Pricing  
12          Group, the position I hold today for National Grid.

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

15          The purpose of this testimony is to describe the changes to and reconciliation of  
16          the various components of the DAC and to propose updated factors to be effective  
17          November 1, 2012. This filing is submitted pursuant to the Company's  
18          Distribution Adjustment Charge Provision ("DAC"), R.I.P.U.C. NG-Gas No. 101,  
19          under Section 3, Schedule A.

1   **Q.     How is your testimony organized?**

2   A.     My testimony is composed of four (4) general sections:

3         I. Introduction;

4         II. DAC Summary;

5         III. DAC Component Details; and

6         IV. DAC 2012 Reconciliation Factor

7

8   **Q.     Are you sponsoring any attachments with your testimony?**

9   A.     Yes. I am sponsoring the following attachments that accompany my testimony:

10        Attachment MCS-1           Summary of DAC Factors

11        Attachment MCS-2           System Pressure Factor

12        Attachment MCS-3           Advanced Gas Technology Program Factor

13        Attachment MCS-4           Environmental Response Cost Factor

14        Attachment MCS-5           Pensions and Post Retirement Benefits Factor

15        Attachment MCS-6           Capital Expenditures Tracker Factor

16        Attachment MCS-7           On-System Margin Credits Factor

17        Attachment MCS-8           Service Quality Factor

18        Attachment MCS-9           Reconciliation Factor

19        Attachment MCS-10          Revenue Decoupling Adjustment Factor

20        Attachment MCS-11          ISR Reconciliation Factor

21

1    **II.    DAC Summary**

2    **Q.    Please provide an overview of the DAC and its components.**

3        The DAC was established in Docket No. 3401 to provide for the recovery and  
4        reconciliation of the costs of identifiable special programs. As described in the  
5        Company's tariff RIPUC NG No. 101 in Section 3, Schedule A, the DAC includes  
6        an annual System Pressure ("SP") factor; an Advanced Gas Technology ("AGT")  
7        factor; a Low Income Assistance Program ("LIAP") factor; an Environmental  
8        Response Cost ("ERC") factor; a Pension Costs and Post-retirement Benefits  
9        Other than Pensions ("PBOP") factor; a Capital Expenditures Tracker ("CXT")  
10       and Accelerated Replacement Program ("ARP") factor; an On-System Margin  
11       Credit ("MC") factor; a Service Quality Performance ("SQP") factor; a Revenue  
12       Decoupling Adjustment ("RDA") factor; Infrastructure, Safety, and Reliability  
13       ("ISR") factors; Reconciliation ("R") factors for the previous year DAC factors  
14       and an Earnings Sharing ("ESM") factor.

15  
16    **Q.    Please provide the proposed DAC rates.**

17    **A.**    The proposed DAC rates have not been finalized as of August 1 as certain  
18        underlying data for the development of a number of components and factors is not  
19        yet available. Based upon the data that is available, the preliminary rates  
20        (including ISR rates that became effective April, 1, 2012) are shown in the table



1 below and a summary of the various DAC factors in this filing are provided in  
2 Attachment MCS-1.

3 **Table 1-1: Preliminary DAC Rates per rate class**

Rate Class	Preliminary DAC w/o ISR (\$/therm) A	ISR Factor effective April 1, 2012 (\$/therm) B	ISR Reconciliation Factor (\$/therm) C	Proposed DAC Rate (\$/therm) D=A+B+C
Res- NH	\$0.0341	\$0.0679	\$0.0048	\$0.1068
Res-H	\$0.0341	\$0.0269	\$0.0017	\$0.0627
Small C&I	\$0.0341	\$0.0247	\$0.0009	\$0.0597
Medium C&I	\$0.0341	\$0.0176	\$0.0005	\$0.0522
Large LL	\$0.0045	\$0.0166	\$0.0006	\$0.0217
Large HL	\$0.0045	\$0.0119	\$0.0008	\$0.0172
XL-LL	\$0.0045	\$0.0071	(\$0.0001)	\$0.0115
XL-HL	\$0.0045	\$0.0047	(\$0.0002)	\$0.0090

4 \*Rates include uncollectible allowance.

5

6 As discussed later in this testimony, the Company will supplement and update  
7 selected information in its September 1, 2012 annual DAC filing as the additional  
8 information becomes available. This supplemental filing will provide proposed  
9 DAC rates incorporating factors for all updated DAC components and include a  
10 bill impact analysis. Consistent with the provisions of the Company's tariff  
11 RIPUC NG 101, Section 3, Schedule A, the updated DAC rates are proposed to  
12 be effective with consumption starting November 1, 2012.

13

14 **III. DAC Component Details**

15 **Q. Please describe the system pressure component.**

1 A. Maintaining proper operating pressure on the Company's distribution system  
2 requires the occasional use of the Company's LNG facilities. The system pressure  
3 component to be reflected in the DAC represents projected LNG costs for the  
4 period November 1, 2012 through October 31, 2013. Specifically, this non-  
5 economic dispatch cost is derived by multiplying the forecasted 2012-2013  
6 LNG supply-related costs (withdrawal commodity, inventory financing, and  
7 supplier demand) and the percentage of local storage used to maintain system  
8 pressure. The current system balancing percentage used is 18.12%. However, it  
9 is currently being reviewed to determine if any changes will be necessary before  
10 the Company's DAC filing on September 1, 2012.

11  
12 **Q. Will the Company provide a System Pressure factor in this filing?**

13 A. No. As noted in Docket No. 4196, the Company and the Division agreed that  
14 because forecasted LNG costs are directly related to gas costs, the Company will  
15 not file preliminary System Pressure data in its August DAC filing, but rather will  
16 file its LNG System Pressure data and factor as part of its updated September 1,  
17 2012 DAC filing coincident with the Company's GCR filing.

18  
19 **Q. Please describe the current AGT program.**

20 A. The existing AGT program was established in Docket No. 2025 to promote  
21 development of energy-efficient natural gas technologies that increase utilization

1 of natural gas during periods of low demand. Increased off-peak usage reduces  
2 the unit cost of gas for all customers by generating distribution revenues to  
3 support fixed costs associated with resources needed during peak periods. The  
4 AGT program provides rebates for technologies such as natural gas powered fleet  
5 vehicles, chilling systems, electrical generators, process heating, desiccant  
6 dehumidifiers, as well as for residential high efficiency space heating equipment.

7

8 **Q. What level of funds is available for new projects in 2012?**

9 A. As shown in Attachment MCS-3 Page 2, at the end of June 2012, the AGT Rebate  
10 account had a balance of \$2,222,825. Consistent with the Commission's Order  
11 No. 18780 in Docket No. 3690, this balance reflects interest accrued during the  
12 year.

13

14 **Q. Is the company proposing any changes to the AGT program?**

15 A. No. Based on the current level of funding and current new project projections, the  
16 Company proposes to continue to collect the \$300,000 embedded in base rates  
17 and the additional \$300,000 of funding currently collected through the DAC.  
18 Therefore, the AGT DAC factor was derived based on the collection of \$300,000  
19 of AGT funds divided by the total forecasted throughput of 35,387,711 dths. This  
20 result was then divided by 10 to derive a \$/therm factor. The AGT DAC factor is  
21 \$0.0008 per therm as shown in Attachment MCS-3 Page 1.

1   **Q.     Please provide an update with respect to current customer interest and**  
2       **potential AGT rebates.**

3   A.     The AGT program continues to generate interest among Rhode Island customers.  
4       While the Company did not issue rebates in the July 2011 – June 2012 period, it  
5       has identified several projects that would utilize nearly \$2.0 million from the  
6       current fund balance. These projects include a large cogeneration system of up to  
7       7.5 MW that would receive an estimated \$1.8 million AGT rebate, smaller  
8       microturbine cogeneration installations, and a major Natural Gas Vehicle  
9       (NGV) project including 40 refuse trucks which is expected to receive a \$176,114  
10      AGT rebate in August 2012, the first NGV project to be funded with AGT funds  
11      since the state-owned fueling station in Cranston. Arguably, it is difficult to  
12      predict the funding commitments in any given year due to varying market  
13      conditions for energy and advanced equipment as well as the inherent lead time  
14      for large projects involving new technologies. However, current market  
15      conditions, such as sustained low gas commodity prices and an increased desire to  
16      reduce emissions are expected to enable a variety of new gas technologies that  
17      would heavily rely on AGT program funding.

18      The Company is committed to the successful implementation of combined heat  
19      and power projects as well as natural gas vehicle adoption, both of which the  
20      AGT program effectively supports. For Natural Gas Vehicles', the Company has  
21      begun marketing efforts through the Ocean State Clean Cities Coalition, a DOE

1 sponsored nonprofit organization charged with the proliferation of alternative fuel  
2 vehicles. Additionally, the Company is working in conjunction with our vendor  
3 partners and NGV fueling station providers like Clean Energy Fuels to find the  
4 most effective ways to leverage AGT funds to encourage the success of NGV  
5 projects in Rhode Island. The AGT program continues to create interest in energy  
6 efficiency, energy planning, and cleaner and more economic energy options and  
7 will remain an important catalyst for economic development and clean energy in  
8 the state, justifying the continuation of the current level of funding.

9  
10

11 **Q. Please describe the Low Income Assistance Programs.**

12 A. The low-income assistance programs included with this DAC component are the  
13 Low Income Heating Energy Assistance Program ("LIHEAP") and the Low  
14 Income Weatherization Program. LIHEAP is a federally-funded, state-  
15 administered program providing funding to assist low income customers in paying  
16 their heating bills. The National Grid program piggybacks on the State program  
17 and provides additional credits on customers' gas bills. The Low Income  
18 Weatherization Program provides supplemental funding to the weatherization  
19 program administered by the Rhode Island Office of Energy Resources. In the  
20 last rate case, Docket No. 3943, funding for LIHEAP and the weatherization  
21 program was included in base rates at an annual level of \$1,585,000 and

1       \$200,000.<sup>1</sup> The Company is not proposing any change to the existing program or  
2       level of funding at this time. Accordingly, the Low Income Assistance Programs  
3       component of the DAC has been set at zero.

4  
5   **Q.     Please explain the purpose of the Environmental Response Cost factor.**

6   A.     The ERC Factor is designed to allow National Grid to recover its reasonable and  
7       prudently incurred costs for evaluation, remediation and clean-up of the sites  
8       associated with the Company's ownership and/or operation of manufactured gas  
9       plants ("MGP"), manufactured gas storage facilities, and MGP-related off-site  
10      waste disposal locations. In addition, the ERC Factor includes recovery of  
11      environmental costs for removing and replacing mercury regulators and  
12      addressing meter disposal issues.

13  
14   **Q.     Please describe the proposed Environmental Response ("ERC") Cost factor.**

15   A.     Consistent with the Company's Tariff, RIPUC NG No. 101, Section 3, Schedule  
16       A, Item 3.4, the ERC factor is a per-therm charge that reflects the 10-year  
17       amortization of environmental response costs. As shown on Attachment MCS-4,  
18       page 1, the proposed ERC factor reflects annual amortization expenses totaling  
19       \$644,393 for the period July 2011 – June 2012. A yearly breakdown of this  
20       amortization expense is provided on Attachment MCS-4, page 2. Environmental

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<sup>1</sup> On July 13, 2011, the Governor signed into law H 6293A which will establish a state fund that will annually provide an additional \$6.5M to \$7.5M for LIHEAP eligible electric and gas customers to be funded by a LIHEAP Enhancement Plan charge rate.

1 project specific expenses for the twelve months ending June 30, 2012, are  
2 provided on Attachment MCS-4, page 3. More in-depth descriptions of the  
3 various environmental projects and the 2012 activities can be found in the annual  
4 environmental report filed with the Commission under separate cover letter dated  
5 August 1, 2012. Netting the annual amortization expenses of \$644,393 against  
6 the \$1,310,000 of ERC funding embedded in base rates leaves a credit of  
7 (\$665,607) to be returned to customers over the November 2012 through October  
8 2013 period. This credit was divided by forecasted throughput of 35,387,711  
9 dths for the 12-months beginning November 1, 2012. This result was then  
10 divided by 10 to derive a \$/therm factor and translates to a (\$0.0019) per therm  
11 ERC DAC factor.

12  
13 **Q. What does the pension costs and post-retirement benefits reconciliation**  
14 **entail?**

15 A. In Docket No. 3943, the Commission approved the Company's proposal to  
16 reconcile its pension and post-retirement benefits other than pensions ("PBOP")  
17 expenses annually through the DAC. In accordance with the Company's Tariff,  
18 RIPUC NG No. 101, Section 3, Schedule A, Item 3.5, the PBOP adjustment  
19 factor is designed to recover or refund the prior year's reconciliation of the  
20 Company's actual Pension and PBOP expenses to the Company's Pension and

1 PBOP expenses that were included in base rates<sup>2</sup>. The adjustment factor is based  
2 on this difference.

3  
4 **Q. Please describe the calculation of the Pensions and PBOP reconciliation**  
5 **factor for this DAC period.**

6 A. A preliminary calculation reconciling the Company's actual Pensions and PBOP  
7 expenses and the expenses included in base rates for the twelve months ending  
8 June 30, 2012 is set forth in Attachment MCS-5, page 2 and 3 which provides the  
9 Company's actual Pensions and PBOP expenses versus the funding amount  
10 embedded in base rates. The preliminary Pensions and PBOP factor is \$0.0056  
11 per therm and was derived by dividing the differential dollar amount by the  
12 forecasted throughput of 35,387,711 dths for the 12-months beginning November  
13 1, 2012. This result was then divided by 10 to derive a \$/therm factor as shown in  
14 Attachment MCS-5 page 1. This calculation will be updated in the Company's  
15 September 1st DAC filing.

16  
17 **Q. Please describe the capital expenditures/Accelerated Replacement Program**  
18 **tracker.**

19 A. In Docket No. 3943, the Commission approved a capital expenditures ("CXT")  
20 mechanism for refunding or collecting from customers the revenue requirement

---

<sup>2</sup> Per Docket No. 3943, the rate allowance for the Pension Costs amounts to \$5,052,002 while the PBOP rate allowance is \$4,567,873.



1 impact associated with variations in capital spending, including the Accelerated  
2 Replacement Program (“ARP”). On May 1, 2009, the Division filed a Motion  
3 (“Motion for Clarification”), supported by the Company, designed to clarify how  
4 the CXT and ARP would be calculated and addressed in future DAC filings.

5 The Motion for Clarification set forth a formula that outlined that the Company’s  
6 actual plant in service for the twelve months ended September 30, 2009 was to be  
7 compared to the Company’s forecasted rate year plant in service of \$314,249,372  
8 and if the actual average balance of net plant in service was less than this  
9 benchmark, an annual adjustment to the Company’s revenue requirement would  
10 be provided to customers through the CXT. The Commission approved this  
11 Motion at its Open Meeting on June 25, 2009 and in a written Order issued July  
12 16, 2009. This Order also provided for an adjustment of the CXT to be reflected  
13 in the 2009 DAC, and for a modified ARP component to be deferred for inclusion  
14 beginning in the 2010 DAC filing.<sup>3</sup>

15

16 **Q. Please describe the calculation of the CXT in the 2009 DAC.**

17 A. The calculation of the CXT for the 2009 DAC included both a one-time refund to  
18 customers for any excess revenues recovered from customers through October 31,  
19 2009, as well as an ongoing credit to customers equal to the revenue requirement,  
20 including pre-tax return, municipal taxes and depreciation on the difference

---

<sup>3</sup> Specifically, because any capital expenditures for the ARP program were included in the initial CXT calculation, the Motion provided that any additional adjustments or reconciliations to the ARP mechanism would be addressed in the 2010 DAC filing for effect November 1, 2010.

1        between the Company's actual average net plant in service for the twelve months  
2        ended September 30, 2009 and the forecasted \$314,249,372 average net plant in  
3        service from the last rate case.

4        As reported in the 2009 DAC, the Company's average net plant in service on  
5        September 30, 2009 was \$305,033,837, which was below the \$314,249,372 target  
6        level. Accordingly, in compliance with the Commission's Order, in the 2009  
7        DAC, the Company provided a one-time CXT adjustment credit of \$2,019,423 to  
8        reflect the difference that had been recovered in rates, as well as an annual  
9        reconciliation adjustment credit of \$2,013,339 to reflect the revenue requirement  
10       impact of this lower investment.

11  
12    **Q.    Did the company include the annual CXT reconciliation adjustment in the**  
13    **2012 DAC?**

14    **A.**    Yes. In order to reflect the appropriate revenue requirement for the actual  
15       investment that was incurred as of September 30, 2009, an adjustment credit of  
16       \$2,013,339 was included through a (\$0.0057) credit per therm by dividing the  
17       credit amount by forecasted throughput of 35,387,711 dths for the 12-months  
18       beginning November 1, 2012. This result was then divided by 10 to derive a  
19       \$/therm factor as reflected in Attachment MCS-6, this credit was then combined  
20       with the ARP component factor to arrive to an overall CXT DAC factor.

21

1    **Q.     Please describe the ARP component.**

2    A.     The ARP was approved in Docket No. 3943 as part of the CXT and is a program  
3           designed to accelerate over a five year period the replacement of bare-steel and  
4           cast-iron mains and high-pressure, bare-steel services located inside the  
5           customers' premises. The ARP provided for an annual review of replacement  
6           projects and provided the Company an incremental rate adjustment mechanism  
7           for ARP investments incurred that are above a threshold level included in base  
8           rates in the last rate case.<sup>4</sup> The type of investment that was designed to be  
9           recovered in the ARP is now being addressed in annual ISR Plans as mentioned  
10          below. Hence, for the 2012 DAC, the ARP component consists of the revenue  
11          requirement associated with ARP investments through March 31, 2011 prior to  
12          the effective date of the ISR program.

13

14   **Q.     Has the Company included a calculation of the ARP component and an**  
15   **overall CXT factor with this filing?**

16   A.     Yes. As shown on Attachment MCS-6, page 3, the cumulative revenue  
17          requirement calculation to be included in the ARP for this year is \$2,199,383.  
18          This figure was divided by the forecasted throughput of 35,387,711 dths for the  
19          12-months beginning November 1, 2012. This result was then divided by 10 to

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<sup>4</sup> Docket No. 3943 established a pre-condition that Company would not be allowed to implement an ARP rate adjustment if it's earnings for the year were at or above its allowed return on equity. (Order # 19563 at 46).

1       derive a \$/therm factor and translates to a \$0.0062 per therm ARP DAC factor.  
2       This factor was then added to the CXT credit of \$2,013,339 or (\$0.0057) per  
3       therm to arrive to an overall CXT factor of \$0.0005 per therm.  
4

5       **Q.     Please explain the company's ISR plan and its impact on the ARP factor.**

6       A.     At its Open Meeting on March 17, 2011, the Commission approved the  
7       Company's proposed FY 2012 Gas ISR Plan, filed in compliance with the  
8       Revenue Decoupling legislation, R.I.G.L § 39-1-27.7.1. Under this ISR Plan,  
9       future non-growth capital investment by the Company is recovered in the DAC on  
10      a forward looking basis, beginning April of each year and reconciled in the  
11      November DAC. As result, the type of investment that was designed to be  
12      recovered in the ARP is now being addressed in annual ISR Plans.  
13

14      **Q.     Please explain the ISR reconciliation included in this filing.**

15      A.     The ISR reconciliation mechanism associated with the ISR factor is designed to  
16      reconcile two components: 1) The approved forecasted cumulative revenue  
17      requirement to the actual billed revenue for the prior fiscal year, in this case the  
18      April 2011 through March 2012 period ("FY 12") and 2) The forecasted  
19      cumulative revenue requirement to the actual revenue requirement for FY 12  
20      associated with Actual FY 2012 capital investment levels. The reconciliation of  
21      the forecasted to actual revenue requirement is presented in the Testimony of

**THE NARRAGANSETT ELECTRIC COMPANY**  
**d/b/a NATIONAL GRID**  
**R.I.P.U.C. DOCKET NO. \_\_\_\_\_**  
**GAS REVENUE DECOUPLING MECHANISM**  
**DISTRIBUTION ADJUSTMENT CHARGE FILING**  
**WITNESS: MARIELLA C. SMITH**  
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Company Witness William R. Richer under Docket No. 4219 filed on August 1, 2012. The difference between the actual revenue requirement of \$2,012,983 and the forecasted revenue requirement of \$1,817,790 is an under collection of \$195,193. As shown in Attachment MCS-11 Page 2, the reconciliation of the approved forecasted revenue requirement to the actual billed revenue shows an additional under collection of \$197,835. The ISR reconciliation represents the sum of the two components described above totaling a \$393,028 under collection for FY 12. To derive the ISR reconciliation factor per rate class the actual cumulative revenue requirement for the April 2011 – March 2012 period (“FY 12”) was allocated to rate classes based on the rate base allocation in the Company’s most recent approved gas distribution rate proceeding, Docket No. 3943, and the total under collections per rate class were divided by the forecasted throughput for each class. Table 3-1 below and Attachment MCS-11 show the ISR reconciliation factors per rate class.

**Table 3-1: ISR Reconciliation Factors per rate class**

<b>Rate Class</b>	<b>ISR Reconciliation Factor (\$/therm)</b>
Res- NH	\$0.0047
Res-H	\$0.0017
Small C & I	\$0.0009
Medium C & I	\$0.0005
Large LL	\$0.0006
Large HL	\$0.0008
XL-LL	(\$0.0001)
XL-HL	(\$0.0002)

\*Note: ISR reconciliation factors do not include uncollectibles.

1   **Q.     Please explain the crediting of margins from on-system non-firm sales and**  
2       **transportation services.**

3   A.   The crediting of margins from on-system non-firm sales and transportation  
4       services provides an offset to some of the distribution system costs. In Docket  
5       No. 3943, the Commission accepted a stipulated agreement between the Company  
6       and the Division that established a new structure and benchmark level for On-  
7       System margins. Under the agreement, the Company would track the margins,  
8       exclusive of the Rhode Island Gross Earnings Tax (GET), for the sixty-four (64)  
9       Firm and Non-Firm Dual fuel customers at the time of the most recent rate case  
10      filing, as well as any new non-firm customers and non-firm special contracts  
11      (collectively “Dual-Fuel customers”).<sup>5</sup> Beginning in the 2010 DAC, the Company  
12      would then calculate the total Dual-Fuel Customer margins, exclusive of Rhode  
13      Island Gross Earnings Tax, for the twelve month period ending June 30 and if  
14      those margins exceed the \$2,816,000 threshold, then any excess amount of the  
15      On-System Credit would be credited back to customers. If margins were less than  
16      the threshold, the shortage would be surcharged.

17  
18   **Q.     Please provide the details on the On-System Margin Credit factor.**

19   A.   Attachment MCS-7 summarizes the dual fuel customer usage, revenue and  
20       margins, net of GET and Energy Efficiency surcharges, for the period ending June

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<sup>5</sup> See R.I.P.U.C. NG No. 101 Section 3, Schedule A. 3.5.

1        30, 2012. Based on this information, the company collected \$730,576 more than  
2        the \$2,816,000 threshold. This amount will be returned to customers through an  
3        On-System Margin Credit factor of (\$0.0021) per therm derived by dividing the  
4        over collection of \$730,576 by the forecasted throughput of 35,387,711 dths and  
5        dividing this result by 10 to derive a \$/therm factor for the 12-months period  
6        beginning November 1, 2012. Although the Commission approved revisions to  
7        the On-System dual Fuel Tariff provisions, those revisions became effective July  
8        1, 2012, and thus do not impact the calculation of the On-System Margin Credit  
9        factor for the 2012 DAC.

10  
11    **Q.    Please provide a brief description of the Service Quality Program and its**  
12    **current impact on the DAC.**

13    A.    In the Service Quality Plan proceeding, Docket No. 3476, it was agreed that any  
14    penalty amounts resulting from the approved Service Quality Plan would be  
15    passed on to customers in the DAC as part of the Company's annual DAC filing.  
16    The Company's fiscal year 2012 Annual Service Quality Report filed on July 30,  
17    2012, indicates that the Company's performance was within one standard  
18    deviation of the established benchmarks for all categories with the exception of  
19    the "Service Appointments Met" category. In that category, the Company's  
20    actual performance was 96.26 percent, which is below the penalty threshold of  
21    96.99 percent, resulting in a penalty of \$133,935. The penalty amount was

1 divided by the forecasted throughput of 35,387,711 dths to derive the SQP DAC  
2 factor credit. This result was divided by 10 to derive a \$/therm factor for the 12-  
3 months period beginning November 1, 2012. The 2012 SQP DAC factor credit is  
4 (\$0.0004) per therm.

5  
6 **Q. Please explain the Revenue Decoupling Adjustment (RDA) and its impact on**  
7 **the Weather Normalization Adjustment (“WNA”) component.**

8 A. In Docket No. 4206, and in compliance with the Revenue Decoupling statute,  
9 R.I.G.L. § 39-1-27.7.1, on July 26, 2011, the Commission approved a Revenue  
10 Decoupling Mechanism(“RDM”) Plan that provides for an annual reconciliation  
11 of the actual base revenue-per-customer by rate class with the target revenue-per-  
12 customer based on rates approved by the Commission in its last general rate case  
13 for its gas distribution operations, Docket No. 3943. The reconciliation was  
14 performed on a monthly basis and covers FY 2012.<sup>6</sup> Accordingly, as shown on  
15 Attachment MCS-10, the RDA represents an under recovery of \$10,704,374 and a  
16 factor of \$0.0302 per therm<sup>7</sup> derived by dividing the under recovery by the  
17 throughput of 35,387,711 dths and dividing this result by 10 to derive a \$/therm  
18 factor for the 12-months period beginning November 1, 2012. With the RDA, the  
19 WNA component of the DAC is no longer necessary, because the RDA takes into  
20 account the effect of the weather on base rates. Since only the Residential, Small,

---

<sup>6</sup> The Company’s first RDA reconciliation was filed on July 2, 2012, Docket No. 4339.

<sup>7</sup> It is worth noting that since the target revenue used in the RDA includes an uncollectible amount, this factor is not grossed up for uncollectibles in this filing.



1           and Medium Commercial customers are included in the RDM, the RDA will only  
2           be applied to these classes.

3

4   **Q.    Has the company performed an earnings sharing calculation for inclusion in**  
5   **this testimony?**

6           The Company has not yet performed the earnings sharing calculation because the  
7           Company's financial data for the fiscal year ending June 30, 2012 has not yet  
8           been completed. As soon as the data is available, the Company will perform this  
9           calculation and will supplement this filing with testimony supporting the  
10          calculation in the September 1, 2011 annual DAC filing.

11

12   **IV.   DAC Reconciliation**

13   **Q.    Please describe the reconciliation component of the DAC.**

14   A.    The unit DAC rates for the previously described components are established on  
15          the basis of a projected level of consumption. The reconciliation component of  
16          the DAC allows for the reconciliation of the actual costs and revenues with  
17          previous projections. The individual items that are being reconciled fall into one  
18          of two general groupings -- those being reconciled on the basis from July 2011  
19          through the end of June 2012, and those being reconciled on the basis of the gas  
20          year, from November 2011 through the end of October 2012. A summary of the  
21          various items being reconciled is shown on Attachment MCS-9, page 1.

1       The items shown on Attachment MCS-9, page 2 relate to the reconciliation of  
2       AGT, Environmental and LIAP program. For Residential, Small and Medium  
3       Commercial customers, the reconciliation of AGT, LIAP and Environmental  
4       funding to collections is done as part of the RDA reconciliation where actual  
5       revenue is reconciled to targets that include this funding. The collections for the  
6       base rate components for AGT, Environmental and LIAP only need to be  
7       separately reconciled for the Large and Extra-Large rate classes which are  
8       excluded from the Company's RDA. The costs of these programs borne by Large  
9       and Extra-Large classes was calculated based on these customers' share (27  
10      percent) of the total usage projected in the last approved distribution rate  
11      proceeding (Docket No. 3943). This percentage was applied to the total funding  
12      approved for each program.

13      For example, in Docket No. 3943, Low Income Assistance Program (LIAP)  
14      funding of \$1,785,000 was included in base rates. The level of funding from  
15      Large and Extra-Large customers was 27% of \$1,785,000 or \$487,236. The  
16      reconciliation accounts for any differences in collections from these two classes  
17      of customers during the period July 2011 through June 2012 and the \$487,236  
18      embedded in base rates plus interest based on the timing of collections. Similarly,  
19      AGT funds and Environmental (ERC) funds are reconciled using the appropriate  
20      level of funding, 27% of 300,000 or \$81,888 for AGT funding and 27% of  
21      \$1,310,000 or \$357,579 for Environmental and collections during the period July

1           2011 through June 2012 and include interest based on the timing of collections.  
2           The reconciliation of the base rate components for the aforementioned rate classes  
3           resulted in a separate reconciliation DAC factor of \$0.0006 per therm that applies  
4           to Large and Extra-Large customers only. This factor was derived by adding the  
5           ending balances of the base rate components or \$55,173 and dividing that total by  
6           the forecasted throughput of 9,481,555 dths associated with the Large and Extra-  
7           Large customers. This result is then divided by 10 to derive a \$/therm factor for  
8           the 12-months period beginning November 1, 2012.

9

10   **Q.    Please describe the factors reconciled based on the gas year.**

11   A.    As shown on Attachment MCS-9, page 3, the Reconciliation Factor for this year  
12           includes the reconciliation of the revenue targets and actual revenues through  
13           June 2011 and forecasted revenue through October 2012<sup>8</sup>: (1) System Pressure  
14           reconciliation, (2) AGT-DAC of \$300,000, (3) Environmental-DAC  
15           reconciliation, (4) On-System Margin Credits reconciliation, (5) the prior years'  
16           Reconciliation Factor, (6) a CXT reconciliation, (7) an ARP reconciliation, (8) a  
17           Pensions reconciliation, and (9) a PBOP reconciliation. The individual  
18           preliminary reconciliation ending balances for the gas year are shown on  
19           Attachment MCS-9, page 3. The Company will be updating the ending balances  
20           for each of these reconciliation items in its September 1, 2011 DAC filing.

---

<sup>8</sup> The Reconciliation Factor can also include ESM and SQP factors.

1   **Q.     What are the reconciliation factors for the 2012 DAC?**

2   A.     The preliminary reconciliation factor for Residential, Small and Medium  
3           Commercial customers is \$0.0013 per therm and it was derived by adding the  
4           ending balances described above for the factors reconciled for the gas year plus  
5           the differential between the forecasted and actual reconciliation balance used in  
6           the 2011 DAC divided by the total forecasted throughput of 35,387,711 dths for  
7           the 12-months period beginning November 1, 2012. This result was then divided  
8           by 10 to derive a \$/therm factor. The preliminary reconciliation factor for the  
9           Large and Extra Large Commercial customers is \$0.0019 per therm and it was  
10          derived using the same method as the Residential, Small and Medium  
11          Commercial rate classes plus the additional base rate reconciliation factor of  
12          \$0.0006 per therm. Both are set forth in Attachment MCS-9, Page 1.

13  
14   **Q.     Please describe the basis of the forecast utilized in the preliminary DAC.**

15   A.     The preliminary DAC calculations are based on the updated projected throughput  
16          of 35,387,711 dths for the November 1, 2012 to October 31, 2013 period. This  
17          forecast differs from the one used in the current gas distribution rate proceeding,  
18          Docket No. 4323 and will also be used in the Company's GCR filing.

1    **Q.     What are the preliminary DAC rates?**

2    A.     Given the inclusion of the RDA and ISR factors in this proceeding, the Company  
3           developed more than one overall DAC factor.  First, as explained earlier in my  
4           testimony, a DAC factor was developed for the Residential, Small and Medium  
5           Commercial classes to accommodate the inclusion of the RDA factor.  In addition  
6           a separate factor was developed to accommodate the reconciliation of the base  
7           rate related items - AGT, LIAP and Environmental Response costs.  Those factors  
8           were then combined with the ISR reconciliation factors per rate class.  The DAC  
9           rates to be approved in this docket were added to the ISR component factors as  
10          approved in Docket No. 4219 to establish new DAC rates per rate class.  
11          Attachment MCS-1 provides the proposed DAC rates by rate class.

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

14   A.     At the current time, yes.  This testimony will be supplemented on September 1,  
15          2012 with additional data, proposed DAC rates by rate class incorporating factors  
16          for all DAC components, and a customer bill impact analysis which will reflect  
17          changes as a result of the proposed DAC rates.

**National Grid - RI Gas  
Summary of DAC Factors  
Effective November 1, 2012**

DAC factor (not including annual ISR component) November 1, 2012 - October 31, 2013				
Line No.	Description	Reference	Factor	
			Residential/ Small/ Medium C&I	Large/ X-Large
1	System Pressure (SP)	<a href="#">MCS-2</a>	\$0.0000	\$0.0000
2	Advanced Gas Technology Program (AGT)	<a href="#">MCS-3</a>	\$0.0008	\$0.0008
4	Low Income Assistance Program (LIAP)			
5	Environmental Response Cost (ERC)	<a href="#">MCS-4</a>	(\$0.0019)	(\$0.0019)
6	Pension and Post-Retirement Benefits (PBOP)	<a href="#">MCS-5</a>	\$0.0056	\$0.0056
7	Capital Expenditures Tracker (CAPX)	<a href="#">MCS-6</a>	\$0.0005	\$0.0005
8	On-System Margin Credits (MC)	<a href="#">MCS-7</a>	(\$0.0021)	(\$0.0021)
9	Service Quality Performance (SQP)	<a href="#">MCS-8</a>	(\$0.0004)	(\$0.0004)
11	Reconciliation Factor (R)	<a href="#">MCS-9</a>	\$0.0013	\$0.0019
12	Earnings Sharing Mechanism (ESM)		\$0.0000	\$0.0000
13	Subtotal	sum ( [1]:[11] )	\$0.0038	\$0.0044
14	Uncollectible Percentage	Dkt 3943	2.46%	2.46%
15	DAC factors grossed up for uncollectible	[13]/([1]-[14])	0.0039	0.0045 per therm
16	Revenue Decoupling Mechanism (RDM)	<a href="#">MCS-10</a>	\$0.0302	\$0.0000
17	DAC factor	[15]+[16]	\$0.0341	\$0.0045 per therm

DAC factor including annual ISR component						
	ISR Reconciliation w/o uncollectible <sup>1</sup> (therms)	Uncollectible Percentage	ISR Reconciliation* (therms)	ISR Component* <sup>2</sup> (therm)	DAC Component* <sup>3</sup> (therm)	November 1, 2012 DAC Rates* (therm)
Res-NH	\$0.0047	2.46%	\$0.0048	\$0.0679	\$0.0341	\$0.1068
Res-NH-LI	\$0.0047	2.46%	\$0.0048	\$0.0679	\$0.0341	\$0.1068
Res-H	\$0.0017	2.46%	\$0.0017	\$0.0269	\$0.0341	\$0.0627
Res-H-LI	\$0.0017	2.46%	\$0.0017	\$0.0269	\$0.0341	\$0.0627
Small	\$0.0009	2.46%	\$0.0009	\$0.0247	\$0.0341	\$0.0597
Medium	\$0.0005	2.46%	\$0.0005	\$0.0176	\$0.0341	\$0.0522
Large LL	\$0.0006	2.46%	\$0.0006	\$0.0166	\$0.0045	\$0.0217
Large HL	\$0.0008	2.46%	\$0.0008	\$0.0119	\$0.0045	\$0.0172
XL-LL	(\$0.0001)	2.46%	(\$0.0001)	\$0.0071	\$0.0045	\$0.0115
XL-HL	(\$0.0002)	2.46%	(\$0.0002)	\$0.0047	\$0.0045	\$0.0090

**\*Factors Include Uncollectible Allowance**

<sup>1</sup> ISR Reconciliation factor. For further detail refer to: [MCS-11](#)

<sup>2</sup> ISR component as approved in Docket 4219

<sup>3</sup> National Grid proposed DAC factor for November 1, 2012 - October 31, 2013 from above table

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**National Grid - RI Gas  
AGT Factor  
Effective November 1, 2012**

Line No.	Description	Reference	
1	AGT collected through DAC		\$300,000
2	Throughput		35,387,711 dth
3	AGT Factor	$[[1] / [2]] / [10]$	<b>\$0.0008 per therm</b>
4	AGT Factor	$[3] * 10$	\$0.0080 per dth



**National Grid - RI Gas  
AGT Account Activity**

	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31	Apr-12 30	May-12 31	Jun-12 30	Total
<u>Account</u>													
Beginning Balance	<b>\$1,599,537</b>	\$1,643,659	\$1,674,138	\$1,698,610	\$1,722,329	\$1,753,800	\$1,803,164	\$1,871,694	\$1,945,909	\$2,024,644	\$2,100,084	\$2,166,776	
Rebate Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Throughput from Docket 3943	3,976,154	2,429,116	1,657,183	1,228,932	1,116,710	1,251,878	1,432,743	2,498,337	4,210,421	5,395,248	5,640,668	5,228,844	36,066,235
Forecasted Base Rates Revenue Collecti	\$33,074	\$20,205	\$13,785	\$10,222	\$9,289	\$10,413	\$11,918	\$20,781	\$35,022	\$44,878	\$46,919	\$43,494	\$300,000
Forecasted DAC-AGT Revenue Collectio	\$9,327	\$8,513	\$8,956	\$11,682	\$20,397	\$37,064	\$54,663	\$51,538	\$41,605	\$28,444	\$17,509	\$10,301	\$300,000
Total Forecasted Collections	\$42,401	\$28,719	\$22,740	\$21,904	\$29,686	\$47,477	\$66,581	\$72,320	\$76,628	\$73,322	\$64,429	\$53,795	\$600,000
Preliminary Ending Balance	\$1,641,938	\$1,672,378	\$1,696,878	\$1,720,514	\$1,752,015	\$1,801,277	\$1,869,744	\$1,944,014	\$2,022,537	\$2,097,966	\$2,164,512	\$2,220,571	
Month's Average Balance	\$1,620,738	\$1,658,019	\$1,685,508	\$1,709,562	\$1,737,172	\$1,777,538	\$1,836,454	\$1,907,854	\$1,984,223	\$2,061,305	\$2,132,298	\$2,193,674	
Bk America Rate less 200 Basis Points	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	
Interest Applied	\$1,721	\$1,760	\$1,732	\$1,815	\$1,785	\$1,887	\$1,950	\$1,895	\$2,107	\$2,118	\$2,264	\$2,254	\$23,288
Ending Balance	\$1,643,659	\$1,674,138	\$1,698,610	\$1,722,329	\$1,753,800	\$1,803,164	\$1,871,694	\$1,945,909	\$2,024,644	\$2,100,084	\$2,166,776	<b>\$2,222,825</b>	

**National Grid - RI Gas  
Environmental Response Cost (ERC) Factor  
Effective November 1, 2012**

Line No.	Description	Attachment	Page #	Amount
1	Amortization of Pre-FY2003 expenses	MCS-4	2 of 3	\$0
2	Amortization of FY2003 expenses - year 10 of 10	MCS-4	2 of 3	(\$601,270)
3	Amortization of FY2004 expenses - year 9 of 10	MCS-4	2 of 3	(\$47,296)
4	Amortization of FY2005 expenses - year 8 of 10	MCS-4	2 of 3	\$13,671
5	Amortization of FY2006 expenses - year 7 of 10	MCS-4	2 of 3	\$43,602
6	Amortization of FY2007 expenses - year 6 of 10	MCS-4	2 of 3	(\$75,829)
7	Amortization of FY2008 expenses - year 5 of 10	MCS-4	2 of 3	(\$4,575)
8	Amortization of FY2009 expenses - year 4 of 10	MCS-4	2 of 3	\$96,575
9	Amortization of FY2010 expenses - year 3 of 10	MCS-4	2 of 3	\$208,826
10	Amortization of FY2011 expenses - year 2 of 10	MCS-4	2 of 3	\$452,295
11	Amortization of FY2012 expenses - year 1 of 10	MCS-4	2 of 3	\$558,394
12	Subtotal		sum ( [1]:[11] )	\$644,393
13	Base Rate Embedded ERC Funding		Dkt 3401	\$1,310,000
14	Net Requirement		[12] - [13]	(\$665,607)
15	Firm Thru-put			35,387,711 dths
16	Environmental Response Cost Factor per therm		[14] / [15] / [10]	<b>(\$0.0019) per therm</b>
17	Environmental Response Cost Factor per decatherm		[16] *10	(\$0.0190) per dth

National Grid - RI Gas  
Environmental Response Cost (ERC) Factor  
ERC Amortization Schedule

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	
ENVIRONMENTAL AMORTIZATION																							
June 30, 2002																							
NET ERC costs net of insurance	\$12,510,252																						
Amortization Period (years)	10																						
		\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,025	\$1,251,027	\$0											
FY 2003																							
NET ERC costs net of insurance	(\$6,012,673)																						
Amortization Period (years)	10																						
			(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,267)	(\$601,270)		\$0									
FY 2004																							
NET ERC costs net of insurance	(\$472,960)																						
Amortization Period (years)	10																						
				(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	(\$47,296)	\$0								
FY 2005																							
NET ERC costs net of insurance	\$136,707																						
Amortization Period (years)	10																						
					\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,671	\$13,668	\$0							
FY 2006																							
NET ERC costs net of insurance	\$436,020																						
Amortization Period (years)	10																						
						\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$43,602	\$0						
FY 2007																							
NET ERC costs net of insurance	(\$758,291)																						
Amortization Period (years)	10																						
							(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,829)	(\$75,830)	\$0					
FY 2008 & adjustment for FY2007																							
NET ERC costs net of insurance	(\$45,755)																						
Amortization Period (years)	10																						
								(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,575)	(\$4,580)	\$0				
FY 2009																							
NET ERC costs net of insurance	\$965,754																						
Amortization Period (years)	10																						
									\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$96,575	\$0			
FY 2010																							
NET ERC costs net of insurance	\$2,088,264																						
Amortization Period (years)	10																						
										\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$208,826	\$0		
FY 2011																							
NET ERC costs net of insurance	\$4,522,947																						
Amortization Period (years)	10																						
											\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$0		
FY 2012																							
NET ERC costs net of insurance	\$5,583,936																						
Amortization Period (years)	10																						
												\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$0	
Amortization Expense sub-total		\$0	\$1,251,025	\$649,758	\$602,462	\$616,133	\$659,735	\$583,906	\$579,331	\$675,906	\$884,732	\$1,337,029	\$644,393	\$1,245,663	\$1,292,956	\$1,279,288	\$1,235,685	\$1,311,510	\$1,316,090	\$1,219,515	\$1,010,689	\$558,394	\$0
ENVIRONMENTAL REMEDIATION COSTS																							
Beginning Balance	\$12,510,252	\$12,510,252	\$6,497,579	\$6,024,619	\$6,161,326	\$6,597,346	\$5,839,055	\$5,793,300	\$6,759,054	\$8,847,318	\$13,370,265	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	
Environmental Expenditures, net of Insurance		(\$6,012,673)	(\$472,960)	\$136,707	\$436,020	(\$758,291)	(\$45,755)	\$965,754	\$2,088,264	\$4,522,947	\$5,583,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Ending Balance	\$12,510,252	\$6,497,579	\$6,024,619	\$6,161,326	\$6,597,346	\$5,839,055	\$5,793,300	\$6,759,054	\$8,847,318	\$13,370,265	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	\$18,954,201	
ACCUMULATED ENVIRONMENTAL REMEDIATION																							
Beginning Balance	\$0	\$0	\$1,251,025	\$1,900,783	\$2,503,245	\$3,119,378	\$3,779,113	\$4,363,019	\$4,942,350	\$5,618,256	\$6,502,988	\$7,840,017	\$8,484,410	\$9,730,073	\$11,023,029	\$12,302,317	\$13,538,002	\$14,849,512	\$16,165,602	\$17,385,117	\$18,395,806	\$18,954,200	
Amortization Expense (1)	\$0	\$1,251,025	\$649,758	\$602,462	\$616,133	\$659,735	\$583,906	\$579,331	\$675,906	\$884,732	\$1,337,029	\$644,393	\$1,245,663	\$1,292,956	\$1,279,288	\$1,235,685	\$1,311,510	\$1,316,090	\$1,219,515	\$1,010,689	\$558,394	\$0	
Ending Balance	\$0	\$1,251,025	\$1,900,783	\$2,503,245	\$3,119,378	\$3,779,113	\$4,363,019	\$4,942,350	\$5,618,256	\$6,502,988	\$7,840,017	\$8,484,410	\$9,730,073	\$11,023,029	\$12,302,317	\$13,538,002	\$14,849,512	\$16,165,602	\$17,385,117	\$18,395,806	\$18,954,200	\$18,954,200	
NET ENVIRONMENTAL REMEDIATION COSTS	\$12,510,252	\$5,246,554	\$4,123,836	\$3,658,081	\$3,477,968	\$2,059,942	\$1,430,281	\$1,816,704	\$3,229,062	\$6,867,277	\$11,114,184	\$10,469,791	\$9,224,128	\$7,931,172	\$6,651,884	\$5,416,199	\$4,104,689	\$2,788,599	\$1,569,084	\$558,395	\$1	\$1	

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

**National Grid - RI Gas  
Environmental Response Cost (ERC) Factor  
ERC FY 2012 Detail**

		<b>Bal @ 06/30/2011</b>	<b>FY2012 Activity</b>	<b>Bal @ 06/30/2012</b>
I. Environmental Expenses				
907 & 908	Allens Avenue	\$18,933,196	\$104,274	\$19,037,470
306	Insur Pol, no Pollution Excl			
307	PCB Reg Pipe Abandon.	\$543,290	\$122,057	\$665,347
309	Manchester Street			
317	Plympton			
379	Petroleum Site	\$1,729,897	\$4,325,817	\$6,055,714
700	18 & 21 Holders COR	\$2,776,743	\$0	\$2,776,743
161	Canal Street, Westerly	\$29,133	\$0	\$29,133
963	Narr. Electric, South St.			
170	IAG Insurance Investment			
170	General Enviro Issues			
178	Site Inv Connell Hwy Newp	\$44,092	\$0	\$44,092
144	Westerly Soil Investigation	\$82,184	\$0	\$82,184
171	Contaminated Regulators	\$2,819,684	\$55,237	\$2,874,921
781	Mendon Road	\$121,355	\$0	\$121,355
782	Tidewater	\$1,129,858	\$70,601	\$1,200,459
783	Hamlet	\$107,576	\$3,529	\$111,105
784	Environmental Study			
785	Gooding Ave			
786	Plympton			
787	Site Inv 19 Brown St, Warren RI			
--	Thames & Wellington	\$4,383,117	\$455,580	\$4,838,697
--	Misc MGP (NEG)	\$132,783	\$53,188	\$185,971
--	Insurance Recovery	\$602,506	\$392,933	\$995,439
--	East Providence (First Ave) Holder	\$0	\$720	\$720
	Sub-Total	\$33,435,413	\$5,583,936	\$39,019,349

II. Insurance Recovery/Settlement		
910	Environ Insur Settlement	\$0

III. Net FY2011 Environmental Response Costs	<b>\$5,583,936</b>
--	--------------------

**National Grid - RI Gas  
Pension and PBOP Factors  
Effective November 1, 2012**

Line No.	<b><u>Pension Factor</u></b>	Reference	
1	Pension Reconciliation		\$2,481,524
2	Firm Throughput - dth		35,387,711
3	Pension Factor per therm	[[1]/[2]] / [10]	<b>\$0.0070</b> per therm
4	Pension Factor per dth	[3] * 10	\$0.0700 per dth
<b><u>PBOP Factor</u></b>			
5	PBOP Reconciliation		(\$510,699)
2	Firm Throughput - dth		35,387,711
6	PBOP Factor per therm	[[5]/[2]] / [10]	<b>(\$0.0014)</b> per therm
7	PBOP Factor per dth	[6] * 10	(\$0.0140) per dth
<b><u>Pension &amp; PBOP Factor Combined</u></b>			
	Pension & PBOP Factor per therm	[3] + [6]	<b>\$0.0056 per therm</b>
	Pension & PBOP Factor per dth	[4] + [7]	\$0.0560 per dth

**National Grid - RI Gas  
Pension Costs  
Regulatory Reconciliation 2012**

Line No.		July 2009 - <u>June 2010</u> (b)	July 2010 - <u>June 2011</u> (c)	July 2011 - <u>June 2012</u> (d)
1	<u>Rate Allowance:</u>			
2	National Grid - RI Gas Pension Costs Allowance	\$4,777,478	\$4,777,478	\$4,777,478
3	National Grid - Service Company Allocated Pension Costs Allowance	274,525	274,525	274,525
4	Total Pension Costs	\$5,052,002	\$5,052,002	\$5,052,002
5				
6	<u>Expense Reconciliation:</u>			
7	Current Year actual Pension Expense Including Service Company-Allocated Expense	6,970,079	\$7,630,316	\$7,533,526
8				
9	Rate Allowance	\$5,052,002	\$5,052,002	\$5,052,002
10				
11	<b>Current Year Regulatory Expense Reconciliation</b>	1,918,076	\$2,578,314	<b>\$2,481,524</b>

Line Notes:

- 2(b) Docket No. 3943 Attachment NG-MDL-3 page 1 of 2 line 2  
3(b) Docket No. 3943 Attachment NG-MDL-3 page 1 of 2 line 3  
4 Line 2 + Line 3.  
7 Pension expense per books  
9(b) Docket No. 3943 Attachment NG-MDL-3 line 4  
11 Line 9 - Line 7.

**National Grid - RI Gas**  
**Post-Retirement Benefits Other Than Pension (PBOP)**  
**Regulatory Reconciliation July 2011 - June 2010**

Line No.		July 2010 - <u>June 2011</u> (c)	July 2011 - <u>June 2012</u> (d)
1	<u>Rate Allowance</u>		
2	National Grid - RI Gas PBOP Costs Allowance	\$4,086,382	\$4,086,382
3	National Grid - Service Company Allocated PBOP Costs Allowance	481,491	481,491
4	Total PBOP Costs	<u>\$4,567,873</u>	<u>\$4,567,873</u>
5			
6	<u>Expense Reconciliation</u>		
7	Current Year actual PBOP Expense Including Service Company-Allocated Expense	\$6,050,463	\$4,057,175
8			
9	Rate Allowance	\$4,567,873	\$4,567,873
10			
11	<b>Current Year Regulatory Expense Reconciliation</b>	1,482,590	<b>(\$510,699)</b>

Line Notes:

- 2(b) Docket No. 3943 Attachment NG-MDL-3 page 1 of 2 line 2  
3(b) Docket No. 3943 Attachment NG-MDL-3 page 1 of 2 line 3  
4 Line 2 + Line 3.  
7 PBOP expense per books  
9(b) Docket No. 3943 Attachment NG-MDL-3 line 4  
11 Line 9 - Line 7.

**National Grid - RI Gas  
Capital Tracker and ARP Factor  
Effective November 1, 2012**

Line No.	<b><u>CapX Factor</u></b>	Reference	
1	Revenue Requirement	page 2, line 22	(\$2,013,339)
2	Firm Thru-put		35,387,711 dth
3	CapX Factor per therm	[1] / [2]	<b>(\$0.0057)</b> per therm
4	CapX Factor per dth	[3] / [10]	(\$0.0570) per dth

**Accelerated Replacement Program Factor**

		Reference	
5	Revenue Requirement	page 3, line 37	\$2,199,383
6	Firm Thru-put		35,387,711 dth
7	ARP Factor per therm	[1] / [2]	<b>\$0.0062</b> per therm
8	ARP Factor per dth	[3] / [10]	\$0.0620 dth

**CapX & ARP Factor**

9	Capital Tracker/ARP Factor	[3] + [7]	<b>\$0.0005 per therm</b>
10	Capital Tracker/ARP Factor	[4] + [8]	\$0.0050 per dth



**National Grid - RI Gas**  
**Reconciliation of Capital Spending**  
**Calculation of Appropriate Adjustment**  
**For the Period Ended September 30, 2009\***

Line No.	5 Quarter Average				
1	<u>Deferred Tax Calculation:</u>				
2	Actual Average Gross Plant in Service	569,764,089			
3	Forecasted Average Gross Plant in Service	589,768,959			
4	Decremental Amount	<u>\$ (20,004,870)</u>			
5					
6	Composite Book Depreciation Rate	3.38%			
7					
8	Book Depreciation	(676,165)			
9					
10					
11	<u>Rate Base Calculation</u>				
12	Actual Average Balance of Net Plant	\$305,033,837			
13	Forecasted Average Balance of Net Plant	314,249,372			
14		<u>\$ (9,215,535)</u>			
15					
16	<u>Revenue Requirement Calculation:</u>				
17	Rate Base for the 12 months ending 9/30/09	(9,215,535)			
18	Pre-Tax ROR	11.41%			
19	Return and Taxes	<u>(1,051,493)</u>			
20	Book Depreciation	(676,165)			
21	Property Taxes	3.10% (285,682)			
22	Annual Revenue Requirement	<u><u>(\$2,013,339)</u></u>			
23					
24					
25	<u>Imputed Capital Structure:</u>				
26		<u>Ratio</u>	<u>Rate</u>	<u>Weighted Rate</u>	<u>Pre-tax Return</u>
27	Long Term Debt	40.63%	7.99%	3.25%	3.25%
28	Short Term Debt	11.66%	3.91%	0.45%	0.45%
29	Common Equity	47.71%	10.50%	5.01%	7.71%
30		<u>100.00%</u>		<u>8.71%</u>	<u>2.70%</u>

\* DAC Attachment JFN-6S from Docket No. 4077

**National Grid - RI Gas**  
**Accelerated Infrastructure Replacement Program**  
**Computation of Revenue Requirement for FY 2012**

Line No.		October 1, 2009 Through March 31, 2010 (a)	Fiscal Year 2011 (b)	Fiscal Year 2012 (c)
1	<u>Deferred Tax Calculation:</u>			
2	ARP Program Actual Spend	\$9,197,025	\$28,266,615	\$0
3	Base Spending Level	6,650,000	13,300,000	0
4	Incremental Amount	2,547,025	14,966,615	0
5	Cumulative ARP Incremental Spend	\$2,547,025	\$17,513,640	\$17,513,640
6				
7	Annual Retirements	\$755,706	\$1,685,062	\$0
8	Cumulative Retirements	\$755,706	\$2,440,768	\$2,440,768
9				
10	Book Depreciation Rate	1/ 1.88%	1.88%	1.88%
11	Capital Repairs Tax Deduction	2/ 60.74%	54.99%	
12				
13	Vintage Year Tax Depreciation:	2,072,092	12,864,965 4/	244,452 3(c)/
14				
15	Annual Tax Depreciation	2,072,092	12,864,965	244,452
16	Cumulative Tax Depreciation	2,072,092	14,937,057	15,181,509
17				
18	Book Depreciation	8,398	158,123	\$282,655
19	Cumulative Book Depreciation	8,398	166,521	449,176
20				
21	Cumulative Book / Tax Timer	2,063,694	14,770,536	14,732,334
22	Effective Tax Rate	35.00%	35.00%	35.00%
23	Deferred Tax Reserve	\$722,293	\$5,169,688	\$5,156,317
24				
25	<u>Rate Base Calculation:</u>			
26	Cumulative ARP Incremental Spend	\$2,547,025	\$17,513,640	\$17,513,640
27	Accum Depreciation	(8,398)	(166,521)	(449,176)
28	Deferred Tax Reserve	(722,293)	(5,169,688)	(5,156,317)
29	Year End Rate Base	\$1,816,334	\$12,177,431	\$11,908,147
30				
31	<u>Revenue Requirement Calculation:</u>			
32	Year End Rate Base	\$1,816,334	\$12,177,431	\$11,908,147
33	Pre-Tax ROR	5/ 11.41%	11.41%	11.41%
34	Return and Taxes	207,244	1,389,445	1,358,720
35	Book Depreciation	33,592	282,655	282,655
36	Property Taxes	3.27% 82,550	534,291	558,008 6/
37	Annual Revenue Requirement	\$323,386	\$2,206,391 4/	<b>\$2,199,383</b>
38				

1/ Composite mains and services depr.rate per Docket No. 3943.

	<u>Plant</u>	<u>Depr. Accrual</u>	<u>Rate</u>
Mains - Steel and other	103,509,822	1,697,561	
Mains - Plastic	99,167,915	1,973,442	
Mains - Cast Iron	8,280,995	131,668	
Services - All sizes	146,392,432	2,898,570	
	<u>357,351,164</u>	<u>6,701,241</u>	<u>1.88%</u>

2/ Currently deductible for tax purposes

3(c) Refer to Page 2, Line 41 (b)

4/

In preparing the FY 2012 Revenue Requirement, the Company discovered an error in its calculation of FY 2011 tax depreciation which would have resulted in an increase of the FY 2011 Revenue Requirement of \$80,852. The Company is not seeking recovery of this additional revenue.

5/ See Docket No.3943, page 16,17 & 23

6/ Property Tax Calculation:

	<u>CY2010</u>	<u>CY2011</u>	<u>Average</u>
Plant in Service	655,078,494	680,565,745	667,822,119
Accumulated Depreciation	(309,170,951)	(314,350,902)	(311,760,927)
Net Plant in service	<u>345,907,542</u>	<u>366,214,842</u>	<u>356,061,192</u>
Property Tax Expense CY 2011			11,658,209
Property Tax Rate for FY 2012			<u>3.27%</u>

Imputed Capital Structure: 5/

	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Rate</u>	<u>Taxes</u>	<u>Pre-tax Return</u>
Long Term Debt	40.63%	7.99%	3.25%		3.25%
Short Term Debt	11.66%	3.91%	0.45%		0.45%
Common Equity	47.71%	10.50%	5.01%	2.70%	7.71%
	<u>100.00%</u>		<u>8.71%</u>	<u>2.70%</u>	<u>11.41%</u>

**National Grid - RI Gas  
On-System Margin Factor  
Effective November 1, 2012**

Line No.	Description	Reference	
1	Total Dual Fuel margin		\$3,546,576
2	Threshold		\$2,816,000
3	Margin in excess of Threshold		\$ (730,576)
4	Firm Throughput		35,387,711 dth
5	On-System Margin Credit per therm	[[6] / [2]] / 10	<b>(\$0.0021) per therm</b>
6	On-System Margin Credit per dth	[3] * 10	(\$0.0210) per dth

**National Grid - RI Gas  
On-System Margin Factor  
Margin Threshold Calculation**

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Total Jul 11-Jun 12
	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual
<b>Duel-fuel usage (dth)</b>													
sub-total	281,116	254,947	258,149	295,793	340,762	418,189	194,527	424,054	391,946	375,742	295,800	262,350	<b>3,793,376</b>
<b>Duel-fuel Revenue</b>													
sub-total	428,425	521,780	457,591	576,350	812,101	1,035,374	539,962	967,663	826,310	755,596	588,139	528,661	<b>8,037,952</b>
less GET *	367,930	347,880	334,814	431,641	624,896	818,812	442,553	733,080	619,471	568,824	430,245	383,617	<b>6,103,764</b>
<b>Total Gas Costs</b>	112,991	97,413	93,865	146,795	285,806	449,457	273,250	357,575	264,934	223,857	138,379	112,866	<b>2,557,188</b>
Duel-fuel Margin	254,939	250,467	240,949	284,846	339,090	369,355	169,303	375,505	354,537	344,967	291,866	270,752	<b>3,546,576</b>
Threshold													\$2,816,000
Margin in excess of Threshold													<b>\$730,576</b>

\* excludes taxes, GET, EES, and other charges such as interests.

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

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Total Jul 11-Jun 12
	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual
<b>Firm usage (dth)</b>													
sub-total	108,408	101,759	86,182	95,537	101,687	178,932	20,947	230,024	205,615	182,767	147,675	115,754	<b>1,575,288</b>
<b>Firm Revenue</b>													
sub-total	220,041	280,914	220,531	246,870	311,963	371,178	150,119	589,631	487,560	451,694	384,808	314,455	<b>4,029,764</b>
less GET *	183,384	168,060	166,288	185,521	229,554	267,805	131,937	453,486	369,913	345,897	292,691	235,548	<b>3,030,084</b>
<b>Total Gas Costs</b>	30,874	18,119	19,414	32,717	53,320	69,025	93,306	223,585	155,711	141,832	108,832	69,698	<b>1,016,432</b>
Firm Margin	152,510	149,940	146,874	152,803	176,234	198,781	38,631	229,902	214,202	204,065	183,859	165,851	<b>2,013,652</b>

\* excludes taxes, GET, EES, and other charges such as interests.

**National Grid - RI Gas  
On-System Margin Factor  
July 2011 - June 2012 Firm Customer Detail**

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	net revenue including demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments
2	Jul-11	Jul-11	Trans	2,690.86	300.00	67,311.37	N/A		1,803.94	0.0268	472.80	202.63	1,009.67		747.16	\$7,227	\$1,804	\$4,795	0.0000	\$0	\$4,795	
2	Aug-11	Aug-11	Trans	2,690.86	300.00	50,668.09	N/A		1,357.90	0.0268	504.70	216.30	2,082.46		562.42	\$7,715	\$1,358	\$4,349	0.0000	\$0	\$4,349	
2	Sep-11	Sep-11	Trans	2,690.86	300.00	31,592.50	N/A		846.68	0.0268	395.95	169.70	1,298.45		350.68	\$6,052	\$847	\$3,838	0.0000	\$0	\$3,838	
2	Oct-11	Oct-11	Trans	2,690.86	300.00	15,305.90	N/A		410.20	0.0268	303.10	129.90	629.07		169.90	\$4,633	\$410	\$3,401	0.0000	\$0	\$3,401	
2	Nov-11	Nov-11	Trans	2,820.34	300.00	16,552.17	N/A		443.60	0.0268	315.24	135.11	680.29		124.14	\$4,819	\$444	\$3,564	0.0000	\$0	\$3,564	
2	Dec-11	Dec-11	Trans	2,820.34	300.00	35,037.11	N/A		938.99	0.0268	415.82	178.22	1,440.03		262.78	\$6,356	\$939	\$4,059	0.0000	\$0	\$4,059	
2	Jan-12	Jan-12	Trans	2,819.77	300.00	44,952.82	N/A		1,204.74	0.0268	461.04	197.59	1,726.19	0.83	337.15	\$7,047	\$1,205	\$4,325	0.0000	\$0	\$4,325	
2	Feb-12	Feb-12	Trans	2,819.77	300.00	39,370.05	N/A		1,055.12	0.0268	431.75	185.03	1,511.81	0.83	295.27	\$6,600	\$1,055	\$4,175	0.0000	\$0	\$4,175	
2	Mar-12	Mar-12	Trans	2,819.77	300.00	25,436.74	N/A		681.70	0.0268	358.65	153.71	976.77	0.83	190.78	\$5,482	\$682	\$3,801	0.0000	\$0	\$3,801	
2	Apr-12	Apr-12	Trans	2,819.77	300.00	14,575.18	N/A		390.61	0.0268	305.24	130.82	559.69	0.83	158.87	\$4,666	\$391	\$3,510	0.0000	\$0	\$3,510	
2	May-12	May-12	Trans	2,819.77	300.00	18,288.42	N/A		490.13	0.0268	325.64	139.56	702.28	0.83	199.36	\$4,978	\$490	\$3,610	0.0000	\$0	\$3,610	
2	Jun-12	Jun-12	Trans	2,819.77	300.00	18,288.42	N/A		490.13	0.2680	325.64	139.56	702.28		199.36	\$4,977	\$490	\$3,610	0.0000	\$0	\$3,610	
4	Jul-11	Jul-11	Trans	1,004.40	120.00	0.00	N/A			0.1638						\$1,124	\$0	\$1,124	0.0000	\$0	\$1,124	
4	Aug-11	Aug-11	Trans	1,004.40	120.00	0.00	N/A			0.1638						\$1,124	\$0	\$1,124	0.0000	\$0	\$1,124	
4	Sep-11	Sep-11	Trans	1,004.40	120.00	0.00	N/A			0.1638						\$1,124	\$0	\$1,124	0.0000	\$0	\$1,124	
4	Oct-11	Oct-11	Trans	1,004.40	120.00	1,534.80	N/A		251.40	0.1638			63.08		22.25	\$1,461	\$251	\$1,376	0.0000	\$0	\$1,376	
4	Nov-11	Nov-11	Trans	926.40	120.00	4,588.62	N/A		751.62	0.1638			188.59		50.02	\$2,037	\$752	\$1,798	0.0000	\$0	\$1,798	
4	Dec-11	Dec-11	Trans	926.40	120.00	18,868.04	N/A		3,090.58	0.1638			775.48		205.66	\$5,118	\$3,091	\$4,137	0.0000	\$0	\$4,137	
4	Jan-12	Jan-12	Trans	926.76	120.00	24,211.53	N/A		3,965.85	0.1638			929.72	0.83	263.89	\$6,207	\$3,966	\$5,013	0.0000	\$0	\$5,013	
4	Feb-12	Feb-12	Trans	926.76	120.00	20,878.91	N/A		3,419.97	0.1638			801.75	142.40	227.58	\$5,638	\$3,420	\$4,467	0.0000	\$0	\$4,467	
4	Mar-12	Mar-12	Trans	926.76	120.00	13,208.25	N/A		2,163.51	0.1638			507.20	0.83	143.96	\$3,862	\$2,164	\$3,210	0.0000	\$0	\$3,210	
4	Apr-12	Apr-12	Trans	926.76	120.00	4,269.24	N/A		699.30	0.1638			163.94	0.83	97.35	\$2,008	\$699	\$1,746	0.0000	\$0	\$1,746	
4	May-12	May-12	Trans	926.76	120.00	1,902.62	N/A		311.65	0.1638			73.06	0.83	43.37	\$1,476	\$312	\$1,358	0.0000	\$0	\$1,358	
4	Jun-12	Jun-12	Trans	926.76	120.00	1,902.62	N/A	0.8300	311.65	0.1638			73.06	0.83	43.37	\$1,476	\$312	\$1,358	0.0000	\$0	\$1,358	
7	Jul-11	Jul-11	Trans	1,356.22	300.00	17,871.78	N/A		478.96	0.0268		4.02	268.00		198.38	\$2,606	\$479	\$2,135	0.0000	\$0	\$2,135	
7	Aug-11	Aug-11	Trans	1,356.22	300.00	21,691.86	N/A		581.34	0.0268		5.21	891.54		240.78	\$3,375	\$581	\$2,238	0.0000	\$0	\$2,238	
7	Sep-11	Sep-11	Trans	1,356.22	300.00	18,814.44	N/A		504.23	0.0268		4.86	773.27		208.84	\$3,147	\$504	\$2,160	0.0000	\$0	\$2,160	
7	Oct-11	Oct-11	Trans	1,356.22	300.00	20,063.48	N/A		537.70	0.0268		5.01	824.61		222.70	\$3,246	\$538	\$2,194	0.0000	\$0	\$2,194	
7	Nov-11	Nov-11	Trans	1,296.46	300.00	21,126.40	N/A		566.19	0.0268		4.93	868.30		158.45	\$3,194	\$566	\$2,163	0.0000	\$0	\$2,163	
7	Dec-11	Dec-11	Trans	1,296.46	300.00	20,900.48	N/A		560.13	0.0268		4.90	859.01		156.75	\$3,177	\$560	\$2,157	0.0000	\$0	\$2,157	
7	Feb-12	Feb-12	Trans	1,295.66	300.00	22,547.79	N/A		604.28	0.0268		5.00	865.83		169.10	\$3,241	\$604	\$2,200	0.0000	\$0	\$2,200	
7	Mar-12	Mar-12	Trans	1,295.66	300.00	18,434.65	N/A		494.05	0.0268		4.54	707.89	41.34	138.27	\$2,982	\$494	\$2,090	0.0000	\$0	\$2,090	
7	Apr-12	Apr-12	Trans	1,295.66	300.00	21,418.09	N/A		574.00	0.0268		4.88	822.45	0.83	160.63	\$3,158	\$574	\$2,170	0.0000	\$0	\$2,170	
7	May-12	May-12	Trans	1,295.66	300.00	18,451.08	N/A		494.49	0.0268	216.54	92.80	708.52	0.83	201.12	\$3,310	\$494	\$2,090	0.0000	\$0	\$2,090	
7	Jun-12	Jun-12	Trans	1,295.66	300.00	24,138.28	N/A		646.91	0.0268	247.77	106.19	926.91	42.20	263.11	\$3,829	\$647	\$2,243	0.0000	\$0	\$2,243	
10	Jul-11	Jul-11	Trans	519.58	120.00	3,678.18	N/A		328.83	0.0894		1.67	55.17		48.92	\$1,074	\$329	\$968	0.0000	\$0	\$968	
10	Aug-11	Aug-11	Trans	519.58	120.00	2,891.76	N/A		258.52	0.0894		1.63	118.85		38.46	\$1,057	\$259	\$898	0.0000	\$0	\$898	
10	Sep-11	Sep-11	Trans	519.58	120.00	3,719.29	N/A		332.50	0.0894		1.82	152.86		49.47	\$1,176	\$333	\$972	0.0000	\$0	\$972	
10	Oct-11	Oct-11	Trans	519.58	120.00	5,107.10	N/A		456.57	0.0894		2.13	209.90		67.92	\$1,376	\$457	\$1,096	0.0000	\$0	\$1,096	
10	Nov-11	Nov-11	Trans	541.16	120.00	6,951.75	N/A		621.49	0.0894		2.53	285.72		67.43	\$1,638	\$621	\$1,283	0.0000	\$0	\$1,283	
10	Dec-11	Dec-11	Trans	541.16	120.00	8,549.79	N/A		764.35	0.0894		2.88	351.40		82.93	\$1,863	\$764	\$1,426	0.0000	\$0	\$1,426	
10	Feb-12	Feb-12	Trans	540.43	120.00	8,952.36	N/A		800.34	0.0894		2.93	343.77	0.83	86.84	\$1,895	\$800	\$1,461	0.0000	\$0	\$1,461	
10	Mar-12	Mar-12	Trans	540.43	120.00	8,792.15	N/A		786.02	0.0894		2.89	337.62	0.83	85.29	\$1,873	\$786	\$1,446	0.0000	\$0	\$1,446	
10	Apr-12	Apr-12	Trans	540.43	120.00	7,633.69	N/A		682.45	0.0894		2.65	293.13	0.83	74.06	\$1,714	\$682	\$1,343	0.0000	\$0	\$1,343	
10	May-12	May-12	Trans	540.43	120.00	6,046.98	N/A		540.60	0.0894		2.39	232.20	0.83	109.45	\$1,546	\$541	\$1,201	0.0000	\$0	\$1,201	
10	Jun-12	Jun-12	Trans	540.43	120.00	4,388.69	N/A		392.35	0.0894		2.01	168.53	0.83	79.44	\$1,304	\$392	\$1,053	0.0000	\$0	\$1,053	
12	Jul-11	Jul-11	Trans	4,545.08	300.00	47,465.86	N/A		1,272.09	0.0268		227.50	711.99		526.87	\$7,584	\$1,272	\$6,117	0.0000	\$0	\$6,117	
12	Aug-11	Aug-11	Trans	4,545.08	300.00	63,452.28	N/A		1,700.52	0.0268		304.88	2,607.89		704.32	\$10,163	\$1,701	\$6,546	0.0000	\$0	\$6,546	
12	Sep-11	Sep-11	Trans	4,545.08	300.00	41,912.59	N/A		1,123.26	0.0268	588.59	252.26	1,722.61		465.23	\$8,997	\$1,123	\$5,968	0.0000	\$0	\$5,968	
12	Oct-11	Oct-11	Trans	4,545.08	300.00	42,127.46	N/A		1,129.02	0.0268	589.83	252.78	1,731.44		467.61	\$9,016	\$1,129	\$5,974	0.0000	\$0	\$5,974	
12	Nov-11	Nov-11	Trans	6,042.40	300.00	57,884.79	N/A		1,551.31	0.0268	772.66	331.15	2,379.06		434.14	\$11,811	\$1,551	\$7,894	0.0000	\$0	\$7,894	
12	Dec-11	Dec-11	Trans	6,042.40	300.00	69,356.41	N/A		1,858.75	0.0268	835.09	357.90	2,850.55		520.17	\$12,765	\$1,859	\$8,201	0.0000	\$0	\$8,201	
12	Feb-12	Feb-12	Trans	6,041.88	300.00	90,336.97	N/A		2,421.03	0.0268	931.66	399.28	3,468.94	0.83	677.52	\$14,241	\$2,421	\$8,763	0.0000	\$0	\$8,763	
12	Mar-12	Mar-12	Trans	6,041.88	300.00	85,442.29	N/A		2,289.85	0.0268	905.98	388.28	3,280.98	0.83	640.80	\$13,849	\$2,290	\$8,632	0.0000	\$0	\$8,632	
12	Apr-12	Apr-12	Trans	6,041.88	300.00	84,766.53	N/A		2,271.74	0.0268	902.44	386.76	3,255.03	178.84	635.74	\$13,972	\$2,272	\$8,614	0.0000	\$0	\$8,614	
12	May-12	May-12	Trans	6,041.88	300.00	65,037.86	N/A		1,743.01	0.0268	814.89	349.24	2,497.45	0.83	708.91	\$12,456	\$1,743	\$8,085	0.0000	\$0	\$8,085	
12	Jun-12	Jun-12	Trans	6,041.88	300.00	70,608.95	N/A		1,892.32	0.0268		362.35	2,711.38	0.83	769.63	\$12,078	\$1,892	\$8,234	0.0000	\$0	\$8,234	
13	Jul-11	Jul-11	Trans	908.40	120.00	0.00	N/A		0.00	0.1638		31.80	0.00		0.00	\$1,060	\$0	\$1,028</				

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	net revenue including demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments
13	Nov-11	Nov-11	Trans	712.80	120.00	7,167.43	N/A		1,174.03	0.1638		73.60	294.58		78.12	\$2,453	\$1,174	\$2,007	0.0000	\$0	\$2,007	
13	Dec-11	Dec-11	Trans	712.80	120.00	14,082.22	N/A		2,306.67	0.1638		119.75	578.78		153.50	\$3,992	\$2,307	\$3,139	0.0000	\$0	\$3,139	
13	Feb-12	Feb-12	Trans	712.33	120.00	15,402.95	N/A		2,523.00	0.1638		127.28	591.47	0.83	167.88	\$4,243	\$2,523	\$3,355	0.0000	\$0	\$3,355	
13	Mar-12	Mar-12	Trans	712.33	120.00	13,443.43	N/A		2,202.03	0.1638		114.37	516.23	53.86	146.52	\$3,865	\$2,202	\$3,034	0.0000	\$0	\$3,034	
13	Apr-12	Apr-12	Trans	712.33	120.00	9,032.47	N/A		1,479.52	0.1638		85.30	346.85	0.83	98.45	\$2,843	\$1,480	\$2,312	0.0000	\$0	\$2,312	
13	May-12	May-12	Trans	712.33	120.00	3,310.02	N/A		542.18	0.1638		48.80	127.10	0.83	75.47	\$1,627	\$542	\$1,375	0.0000	\$0	\$1,375	
13	Jun-12	Jun-12	Trans	712.33	120.00	1,668.01	N/A		273.22	0.1638		37.38	64.05	0.83	38.03	\$1,246	\$273	\$1,106	0.0000	\$0	\$1,106	
18	Jul-11	Jul-11	Trans	3,628.76	300.00	43,262.36	N/A		1,159.43	0.0268		9.60	648.94	(4.96)	480.21	\$6,222	\$1,159	\$5,088	0.0000	\$0	\$5,088	
18	Aug-11	Aug-11	Trans	3,628.76	300.00	44,981.15	N/A		1,205.49	0.0268		11.56	1,848.73		499.29	\$7,494	\$1,205	\$5,134	0.0000	\$0	\$5,134	
18	Sep-11	Sep-11	Trans	3,628.76	300.00	45,240.24	N/A		1,212.44	0.0268		11.60	1,859.37		502.17	\$7,514	\$1,212	\$5,141	0.0000	\$0	\$5,141	
18	Oct-11	Oct-11	Trans	3,628.76	300.00	46,599.24	N/A		1,248.86	0.0268		11.76	1,915.23		517.25	\$7,622	\$1,249	\$5,178	0.0000	\$0	\$5,178	
18	Nov-11	Nov-11	Trans	4,656.30	300.00	51,195.97	N/A		1,372.05	0.0268		13.62	2,104.15		383.97	\$8,830	\$1,372	\$6,328	0.0000	\$0	\$6,328	
18	Dec-11	Dec-11	Trans	4,656.30	300.00	57,275.78	N/A		1,534.99	0.0268		14.33	2,354.03		429.57	\$9,289	\$1,535	\$6,491	0.0000	\$0	\$6,491	
18	Feb-12	Feb-12	Trans	4,655.86	300.00	77,843.52	N/A		2,086.21	0.0268		16.42	2,989.19	0.83	583.81	\$10,632	\$2,086	\$7,042	0.0000	\$0	\$7,042	
18	Mar-12	Mar-12	Trans	4,655.86	300.00	75,231.86	N/A		2,016.21	0.0268		16.12	2,888.90	0.83	564.25	\$10,442	\$2,016	\$6,972	0.0000	\$0	\$6,972	
18	Apr-12	Apr-12	Trans	4,655.86	300.00	61,545.03	N/A		1,649.41	0.0268		14.58	2,363.33	0.83	461.59	\$9,446	\$1,649	\$6,605	0.0000	\$0	\$6,605	
18	May-12	May-12	Trans	4,655.86	300.00	59,323.63	N/A		1,589.87	0.0268		14.65	2,278.03	0.83	646.62	\$9,486	\$1,590	\$6,546	0.0000	\$0	\$6,546	
18	Jun-12	Jun-12	Trans	4,655.86	300.00	51,466.46	N/A		1,379.30	0.0268		13.72	1,976.31	0.83	560.96	\$8,887	\$1,379	\$6,335	0.0000	\$0	\$6,335	
21	Jan-12	Feb-12	Sales	3,565.30	189.90	61,164.53	45,653.21	0.7464	1,639.21	0.0268			2,348.72	0.53	458.73	\$53,856	\$47,292	\$51,048	7.4640	\$45,653	\$5,394	
21	Feb-12	Feb-12	Sales	5,632.38	300.00	90,137.21	67,278.42	0.7464	2,415.68	0.0268		4,132.57	3,461.27	2,492.59	676.03	\$86,389	\$69,694	\$75,626	7.4640	\$67,278	\$8,348	
21	Mar-12	Mar-12	Sales	5,632.38	300.00	71,787.30	53,582.04	0.7464	1,923.90	0.0268		2,002.08	2,756.63	3,829.68	538.42	\$70,565	\$55,506	\$61,438	7.4640	\$53,582	\$7,856	
21	Apr-12	Apr-12	Sales	5,632.38	300.00	54,271.06	40,515.38	0.7464	1,454.73	0.0268		1,561.63	2,084.39	4,207.55	505.15	\$56,261	\$41,970	\$47,902	7.4640	\$40,515	\$7,387	
21	May-12	May-12	Sales	5,632.38	300.00	58,321.66	43,531.29	0.7464	1,563.02	0.0268		1,667.10	2,239.55	0.83	635.70	\$55,570	\$45,094	\$51,027	7.4640	\$43,531	\$7,495	
21	Jun-12	Jun-12	Sales	5,632.38	300.00	41,974.97	31,330.12	0.7464	1,124.93	0.0268		1,251.26	1,611.84	9,340.05	457.52	\$51,048	\$32,455	\$38,387	7.4640	\$31,330	\$7,057	
23	Jul-11	Jul-11	Trans	44,979.36	300.00	716,865.52	N/A		19,212.00	0.0268		2,573.24	10,752.98	894.86	7,957.21	\$86,670	\$19,212	\$64,491	0.0000	\$0	\$64,491	
23	Aug-11	Aug-11	Trans	44,979.36	300.00	664,242.20	N/A		17,801.69	0.0268		3,023.33	27,300.35	52,389.20	7,373.09	\$153,167	\$17,802	\$63,081	0.0000	\$0	\$63,081	
23	Sep-11	Sep-11	Trans	44,979.36	300.00	559,766.56	N/A		15,001.74	0.0268		2,768.07	23,006.41	929.39	6,213.41	\$93,198	\$15,002	\$60,281	0.0000	\$0	\$60,281	
23	Oct-11	Oct-11	Trans	44,979.36	300.00	427,534.92	N/A		11,457.94	0.0268		2,444.98	17,571.69	2,189.12	4,745.64	\$83,689	\$11,458	\$56,737	0.0000	\$0	\$56,737	
23	Nov-11	Nov-11	Trans	45,122.12	300.00	553,532.46	N/A		14,834.67	0.0268		2,695.62	22,750.18	2,105.85	4,151.49	\$91,960	\$14,835	\$60,257	0.0000	\$0	\$60,257	
23	Dec-11	Dec-11	Trans	45,122.12	300.00	689,702.39	N/A		18,484.02	0.0268		3,013.16	28,346.77	979.85	5,172.77	\$101,419	\$18,484	\$63,906	0.0000	\$0	\$63,906	
23	Feb-12	Feb-12	Trans	45,121.47	300.00	819,833.56	N/A		21,971.54	0.0268		3,248.17	31,481.61	1,019.25	6,148.77	\$109,291	\$21,972	\$67,393	0.0000	\$0	\$67,393	
23	Mar-12	Mar-12	Trans	45,121.47	300.00	764,324.21	N/A		20,483.89	0.0268		3,123.36	29,350.05	0.83	5,732.42	\$104,112	\$20,484	\$65,905	0.0000	\$0	\$65,905	
23	Apr-12	Apr-12	Trans	45,121.47	300.00	740,918.88	N/A		19,856.63	0.0268		3,070.73	28,451.28	33.39	5,556.89	\$102,390	\$19,857	\$65,278	0.0000	\$0	\$65,278	
23	May-12	May-12	Trans	45,121.47	300.00	624,036.01	N/A		16,724.17	0.0268		2,873.55	23,962.98	33.39	6,801.98	\$95,818	\$16,724	\$62,146	0.0000	\$0	\$62,146	
23	Jun-12	Jun-12	Trans	45,121.47	300.00	554,877.96	N/A		14,870.73	0.0268		2,710.78	21,307.31	33.80	6,048.17	\$90,392	\$14,871	\$60,292	0.0000	\$0	\$60,292	
26	Jul-11	Jul-11	Trans	3,489.32	300.00	41,398.58	N/A		1,109.48	0.0268		9.25	620.98	82.21	459.52	\$6,071	\$1,109	\$4,899	0.0000	\$0	\$4,899	
26	Aug-11	Aug-11	Trans	3,489.32	300.00	35,463.90	N/A		950.43	0.0268		10.19	1,457.57		393.65	\$6,601	\$950	\$4,740	0.0000	\$0	\$4,740	
26	Sep-11	Sep-11	Trans	3,489.32	300.00	43,077.31	N/A		1,154.47	0.0268		11.13	1,770.48	82.21	478.48	\$7,286	\$1,154	\$4,944	0.0000	\$0	\$4,944	
26	Oct-11	Oct-11	Trans	3,489.32	300.00	46,814.12	N/A		1,254.62	0.0268		11.58	1,924.06	90.04	519.64	\$7,589	\$1,255	\$5,044	0.0000	\$0	\$5,044	
26	Nov-11	Nov-11	Trans	3,585.60	300.00	50,378.46	N/A		1,350.14	0.0268		11.87	2,070.55		377.84	\$7,696	\$1,350	\$5,236	0.0000	\$0	\$5,236	
26	Dec-11	Dec-11	Trans	3,585.60	300.00	46,368.01	N/A		1,242.66	0.0268		11.41	1,905.73	96.20	347.76	\$7,489	\$1,243	\$5,128	0.0000	\$0	\$5,128	
26	Feb-12	Feb-12	Trans	3,585.24	300.00	60,427.65	N/A		1,619.46	0.0268		12.80	2,320.42	0.83	453.21	\$8,292	\$1,619	\$5,505	0.0000	\$0	\$5,505	
26	Mar-12	Mar-12	Trans	3,585.24	300.00	54,589.16	N/A		1,462.99	0.0268		12.15	2,096.22	291.70	409.43	\$8,158	\$1,463	\$5,348	0.0000	\$0	\$5,348	
26	Apr-12	Apr-12	Trans	3,585.24	300.00	56,590.78	N/A		1,516.63	0.0268		12.37	2,173.09	206.47	424.45	\$8,218	\$1,517	\$5,402	0.0000	\$0	\$5,402	
26	May-12	May-12	Trans	3,585.24	300.00	54,649.75	N/A		1,464.61	0.0268		12.44	2,098.55	103.56	595.68	\$8,160	\$1,465	\$5,350	0.0000	\$0	\$5,350	
26	Jun-12	Jun-12	Trans	3,585.24	300.00	54,437.19	N/A		1,458.92	0.0268		12.41	2,090.39	102.83	593.36	\$8,143	\$1,459	\$5,344	0.0000	\$0	\$5,344	
27	Jul-11	Jul-11	Trans	29,031.60	300.00	0.00	N/A		0.00	0.0348		907.16	0.00	(756.07)	0.00	\$29,483	\$0	\$29,332	0.0000	\$0	\$29,332	
27	Aug-11	Aug-11	Trans	29,031.60	300.00	0.00	N/A		0.00	0.0348		907.16	0.00		0.00	\$30,239	\$0	\$29,332	0.0000	\$0	\$29,332	
27	Sep-11	Sep-11	Trans	29,031.60	300.00	4,002.00	N/A		139.27	0.0348		918.01	164.48		46.82	\$30,600	\$139	\$29,471	0.0000	\$0	\$29,471	
27	Oct-11	Oct-11	Trans	29,031.60	300.00	168,792.45	N/A		5,873.98	0.0348		1,364.47	6,937.37		1,974.87	\$45,482	\$5,874	\$35,206	0.0000	\$0	\$35,206	
27	Nov-11	Nov-11	Trans	27,717.60	300.00	365,998.16	N/A		12,736.74	0.0348		1,817.36	15,042.52	(377.98)	2,964.59	\$60,201	\$12,737	\$40,754	0.0000	\$0	\$40,754	
27	Dec-11	Dec-11	Trans	27,717.60	300.00	471,718.53	N/A		16,415.80	0.0348		2,092.01	19,387.63		3,820.92	\$69,734	\$16,416	\$44,433	0.0000	\$0	\$44,433	
27	Feb-12	Feb-12	Trans	27,717.91	300.00	577,833.33	N/A		20,108.60	0.0348	5,412.13	2,319.48	22,188.80	0.83	4,680.46	\$82,728	\$20,109	\$48,127	0.0000	\$0	\$48,127	
27	Mar-12	Mar-12	Trans	27,717.91	300.00	551,594.51	N/A		19,195.49	0.0348		2,253.50	21,181.23	0.83	4,467.92	\$75,117	\$19,195	\$47,213	0.0000	\$0	\$47,213	
27	Apr-12	Apr-12	Trans	27,717.91	300.00	451,076.89	N/A		15,697.48	0.0348	</											



Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments
30	Mar-12	Mar-12	Trans	537.33	120.00	9,417.59	N/A		1,542.60	0.1638		82.42	361.64	30.59	102.65	\$2,777	\$1,543	\$2,200	0.0000	\$0	\$2,200	
30	Apr-12	Apr-12	Trans	537.33	120.00	7,252.67	N/A		1,187.99	0.1638		68.16	278.50	0.83	79.06	\$2,272	\$1,188	\$1,845	0.0000	\$0	\$1,845	
30	May-12	May-12	Trans	537.33	120.00	1,642.17	N/A		268.99	0.1638		31.78	63.06	29.23	37.43	\$1,088	\$269	\$926	0.0000	\$0	\$926	
30	Jun-12	Jun-12	Trans	537.33	120.00	1,092.80	N/A		179.00	0.1638		27.96	41.96	0.83	24.92	\$932	\$179	\$836	0.0000	\$0	\$836	
31	Jul-11	Jul-11	Trans	773.19	120.00	5,370.27	N/A		879.65	0.1638		59.73	80.55	407.98	77.87	\$2,399	\$880	\$1,773	0.0000	\$0	\$1,773	
31	Aug-11	Aug-11	Trans	773.19	120.00	3,021.29	N/A		494.89	0.1638		45.76	47.87	360.63	43.81	\$1,886	\$495	\$1,388	0.0000	\$0	\$1,388	
31	Sep-11	Sep-11	Trans	773.19	120.00	5,063.93	N/A		829.47	0.1638		61.99	208.13	379.03	73.43	\$2,445	\$829	\$1,723	0.0000	\$0	\$1,723	
31	Oct-11	Oct-11	Trans	1,023.60	120.00	424.56	N/A		69.54	0.1638		38.25	17.45	266.14	6.16	\$1,541	\$70	\$1,213	0.0000	\$0	\$1,213	
31	Nov-11	Nov-11	Trans	1,023.60	120.00	9,249.94	N/A		1,515.14	0.1638		98.14	380.17	214.42	134.12	\$3,486	\$1,515	\$2,659	0.0000	\$0	\$2,659	
31	Dec-11	Dec-11	Trans	1,051.24	120.00	33,151.56	N/A		5,430.23	0.1638		257.49	1,362.53		361.35	\$8,583	\$5,430	\$6,601	0.0000	\$0	\$6,601	
31	Jan-12	Jan-12	Sales	1,051.24	120.00	27,083.02	21,384.75	0.7896	4,436.20	0.1638		878.08	1,104.25	227.61	295.20	\$29,497	\$25,821	\$26,992	7.8960	\$21,385	\$5,607	
31	Feb-12	Feb-12	Sales	1,051.24	120.00	40,485.37	31,967.25	0.7896	6,631.50	0.1638		1,291.76	1,554.64	108.98	441.30	\$43,167	\$38,599	\$39,770	7.8960	\$31,967	\$7,803	
31	Mar-12	Mar-12	Sales	1,051.24	120.00	44,364.35	35,030.09	0.7896	7,266.88	0.1638		1,412.04	1,703.59	1,072.05	483.57	\$48,139	\$42,297	\$43,468	7.8960	\$35,030	\$8,438	
31	Apr-12	Apr-12	Sales	1,051.24	120.00	30,883.94	24,385.96	0.7896	5,058.79	0.1638		994.00	1,185.94	1,305.08	336.65	\$34,438	\$29,445	\$30,616	7.8960	\$24,386	\$6,230	
31	May-12	May-12	Sales	1,051.24	120.00	34,608.36	27,326.76	0.7896	5,668.85	0.1638		1,121.85	1,328.96	1,195.98	776.58	\$38,590	\$32,996	\$34,167	7.8960	\$27,327	\$6,840	
31	Jun-12	Jun-12	Sales	1,051.24	120.00	10,524.61	8,310.23	0.7896	1,723.93	0.1638		366.51	404.15	1,678.36	239.96	\$13,894	\$10,034	\$11,205	7.8960	\$8,310	\$2,895	
32	Jul-11	Jul-11	Trans	981.60	120.00	0.00	N/A		0.00	0.1638	79.50	34.07	0.00	(18.41)	0.00	\$1,197	\$0	\$1,102	0.0000	\$0	\$1,102	
32	Aug-11	Aug-11	Trans	981.60	120.00	0.00	N/A		0.00	0.1638	79.50	34.07	0.00		0.00	\$1,215	(\$0)	\$1,102	0.0000	\$0	\$1,102	
32	Sep-11	Sep-11	Trans	981.60	120.00	0.00	N/A		0.00	0.1638	79.50	34.07	0.00		0.00	\$1,215	(\$0)	\$1,102	0.0000	\$0	\$1,102	
32	Oct-11	Oct-11	Trans	981.60	120.00	2,446.64	N/A		400.76	0.1638	118.24	50.67	100.56		35.48	\$1,807	\$401	\$1,502	0.0000	\$0	\$1,502	
32	Nov-11	Nov-11	Trans	1,119.60	120.00	11,043.34	N/A		1,808.90	0.1638	261.44	112.05	453.88		120.37	\$3,996	\$1,809	\$3,049	0.0000	\$0	\$3,049	
32	Dec-11	Dec-11	Trans	1,119.60	120.00	16,753.44	N/A		2,744.21	0.1638	350.37	150.16	688.57		182.61	\$5,356	\$2,744	\$3,984	0.0000	\$0	\$3,984	
32	Feb-12	Feb-12	Trans	1,119.60	120.00	23,811.00	N/A		3,900.24	0.1638	455.65	195.28	914.34	0.83	259.53	\$6,965	\$3,900	\$5,139	0.0000	\$0	\$5,139	
32	Mar-12	Mar-12	Trans	1,119.60	120.00	19,490.41	N/A		3,192.53	0.1638	389.20	166.80	748.43	125.44	212.45	\$6,074	\$3,193	\$4,432	0.0000	\$0	\$4,432	
32	Apr-12	Apr-12	Trans	1,119.60	120.00	12,405.13	N/A		2,031.96	0.1638	280.24	120.10	476.36	96.88	135.21	\$4,380	\$2,032	\$3,271	0.0000	\$0	\$3,271	
32	May-12	May-12	Trans	1,119.60	120.00	5,541.69	N/A		907.73	0.1638	179.45	76.91	212.80	64.56	126.35	\$2,807	\$908	\$2,147	0.0000	\$0	\$2,147	
32	Jun-12	Jun-12	Trans	1,119.60	120.00	2,141.35	N/A		350.75	0.1638	124.24	53.25	82.23	0.83	48.82	\$1,899	\$351	\$1,590	0.0000	\$0	\$1,590	
35	Jul-11	Jul-11	Sales	1,119.16	120.00	630.16	572.88	0.9091	103.22	0.1638		59.80	9.45	(4.24)	9.14	\$1,989	\$676	\$1,915	9.0910	\$573	\$1,342	
35	Aug-11	Aug-11	Sales	1,119.16	120.00	532.50	484.10	0.9091	87.22	0.1638		56.65	13.74		7.72	\$1,889	\$571	\$1,810	9.0910	\$484	\$1,326	
35	Sep-11	Sep-11	Sales	1,119.16	120.00	544.84	495.31	0.9091	89.24	0.1638	133.79	57.33	22.39		7.90	\$2,045	\$585	\$1,824	9.0910	\$495	\$1,328	
35	Oct-11	Oct-11	Sales	1,119.16	120.00	2,182.44	1,984.06	0.9091	357.48	0.1638	267.15	114.49	89.70		31.65	\$4,084	\$2,342	\$3,581	9.0910	\$1,984	\$1,597	
35	Nov-11	Nov-11	Sales	1,003.20	120.00	11,897.80	6,953.33	0.9091	1,948.86	0.1638	1,012.24	433.82	489.00		110.90	\$12,071	\$8,902	\$10,025	9.0910	\$6,953	\$3,072	
35	Nov-11	Nov-11	Sales			3,355.18	0.7896								46.32	\$3,402	\$3,355	\$3,355	7.8960	\$3,355	\$0	
35	Dec-11	Dec-11	Sales	1,030.29	120.00	13,363.32	10,551.68	0.7896	2,188.91	0.1638	1,052.58	451.10	549.23		145.66	\$16,089	\$12,741	\$13,891	7.8960	\$10,552	\$3,339	
35	Jan-12	Jan-12	Sales	1,030.29	120.00	21,761.10	17,182.57	0.7896	3,564.47	0.1638	1,660.11	711.47	869.74	201.12	237.20	\$25,577	\$20,747	\$21,897	7.8960	\$17,183	\$4,715	
35	Feb-12	Feb-12	Sales	1,030.29	120.00	21,738.51	17,164.73	0.7896	3,560.77	0.1638	1,656.06	709.74	834.76	1.75	236.95	\$25,315	\$20,726	\$21,876	7.8960	\$17,165	\$4,711	
35	Mar-12	Mar-12	Sales	1,030.29	120.00	16,906.47	13,349.35	0.7896	2,769.28	0.1638	1,306.43	559.90	649.21	0.83	184.29	\$19,970	\$16,119	\$17,269	7.8960	\$13,349	\$3,920	
35	Apr-12	Apr-12	Sales	1,030.29	120.00	16,907.50	13,350.16	0.7896	2,769.45	0.1638	1,312.11	562.33	649.25	0.83	262.16	\$20,057	\$16,120	\$17,270	7.8960	\$13,350	\$3,920	
35	May-12	May-12	Sales	1,030.29	120.00	9,808.43	7,744.73	0.7896	1,606.62	0.1638	801.23	343.39	376.64	0.83	223.62	\$12,247	\$9,351	\$10,502	7.8960	\$7,745	\$2,757	
35	Jun-12	Jun-12	Sales	1,030.29	120.00	2,248.37	1,775.31	0.7896	368.28	0.1638	247.70	106.16	86.34	0.83	51.25	\$3,786	\$2,144	\$3,294	7.8960	\$1,775	\$1,519	
39	Jul-11	Jul-11	Sales	267.17	120.00	551.01	500.92	0.9091	90.26	0.1638		30.76	8.27	392.49	7.99	\$1,418	\$591	\$978	9.0910	\$501	\$477	
39	Aug-11	Aug-11	Sales	267.17	120.00	203.54	185.04	0.9091	33.34	0.1638		18.90	3.05	397.50	2.95	\$1,028	\$218	\$606	9.0910	\$185	\$421	
39	Sep-11	Sep-11	Sales	267.17	120.00	50.37	45.79	0.9091	8.25	0.1638		13.73	1.88	304.83	0.73	\$762	\$54	\$441	9.0910	\$46	\$395	
39	Oct-11	Oct-11	Trans	556.80	120.00	464.00	N/A			0.1638		20.93		254.94		\$953	\$0	\$677	0.0000	\$0	\$677	
39	Nov-11	Nov-11	Sales	556.80	120.00	1,443.31	1,312.11	0.9091	236.41	0.1638		71.30	59.32	223.04	20.93	\$2,600	\$1,549	\$2,225	9.0910	\$1,312	\$913	
39	Dec-11	Dec-11	Sales	571.83	120.00	6,729.93	5,313.95	0.7896	1,102.36	0.1638		230.66	276.60	257.25	73.36	\$7,946	\$6,416	\$7,108	7.8960	\$5,314	\$1,794	
39	Jan-12	Jan-12	Sales	571.83	120.00	10,852.31	8,568.98	0.7896	1,777.61	0.1638		358.00	417.67	0.83	118.30	\$11,933	\$10,347	\$11,038	7.8960	\$8,569	\$2,469	
39	Feb-12	Feb-12	Sales	571.83	120.00	11,064.90	8,736.84	0.7896	1,812.43	0.1638		364.56	424.89	521.08	120.61	\$12,672	\$10,549	\$11,241	7.8960	\$8,737	\$2,504	
39	Mar-12	Mar-12	Sales	571.83	120.00	6,193.84	4,890.65	0.7896	1,014.55	0.1638		213.50	237.84	0.83	67.51	\$7,117	\$5,905	\$6,597	7.8960	\$4,891	\$1,706	
39	Apr-12	Apr-12	Sales	571.83	120.00	4,929.60	3,892.41	0.7896	807.47	0.1638		176.05	189.30	1,006.50	110.50	\$6,874	\$4,700	\$5,392	7.8960	\$3,892	\$1,499	
39	May-12	May-12	Sales	571.83	120.00	2,458.28	1,941.06	0.7896	402.67	0.1638		98.56	94.40	559.50	56.05	\$3,844	\$2,344	\$3,036	7.8960	\$1,941	\$1,095	
39	Jun-12	Jun-12	Sales	571.83	120.00	610.20	481.81	0.7896	99.95	0.1638		40.57	23.43	449.14		\$1,801	\$582	\$1,274	7.8960	\$482	\$792	
40	Jul-11	Jul-11	Trans	6,171.88	300.00	37,500.41	N/A		1,005.01	0.0268		261.51	562.51		416.25	\$8,717	\$1,005	\$7,477	0.0000	\$0	\$7,477	
40	Aug-11	Aug-11	Trans	6,171.88	300.00	34,494.55	N/A		924.45	0.0268		284.44	1,417.73		382.89	\$9,481	\$924	\$7,396	0.0000	\$0	\$7,396	
40	Sep-11	Sep-11	Trans	6,171.88	300.00	44,845.48	N/A		1,201.86	0.0268		309.73	1,843.15		497.78	\$10,324	\$1,202	\$7,674	0.			

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments	
42	Aug-11	Aug-11	Trans	542.40	120.00	0.00	N/A		0.00	0.1638		20.49	0.00		0.00	\$683	\$0	\$662	0.0000	\$0	\$662		
42	Sep-11	Sep-11	Trans	542.40	120.00	0.00	N/A		0.00	0.1638		20.49	0.00		0.00	\$683	\$0	\$662	0.0000	\$0	\$662		
42	Oct-11	Oct-11	Trans	542.40	120.00	1,128.74	N/A		184.89	0.1638		28.15	46.39	8.54	16.37	\$947	\$185	\$847	0.0000	\$0	\$847		
42	Nov-11	Nov-11	Trans	534.00	120.00	2,670.19	N/A		437.38	0.1638		38.05	109.74	8.54	29.11	\$1,277	\$437	\$1,091	0.0000	\$0	\$1,091		
42	Dec-11	Dec-11	Trans	534.00	120.00	5,830.27	N/A		955.00	0.1638		59.15	239.62		63.55	\$1,971	\$955	\$1,609	0.0000	\$0	\$1,609		
42	Feb-12	Feb-12	Trans	533.63	120.00	11,716.02	N/A		1,919.08	0.1638		97.46	449.90	0.83	127.69	\$3,249	\$1,919	\$2,573	0.0000	\$0	\$2,573		
42	Mar-12	Mar-12	Trans	533.63	120.00	10,468.21	N/A		1,714.69	0.1638		89.23	401.98	0.83	114.09	\$2,974	\$1,715	\$2,368	0.0000	\$0	\$2,368		
42	Apr-12	Apr-12	Trans	533.63	120.00	4,193.24	N/A		686.85	0.1638		47.88	161.02	0.83	45.69	\$1,596	\$687	\$1,340	0.0000	\$0	\$1,340		
42	May-12	May-12	Trans	533.63	120.00	2,374.42	N/A		388.93	0.1638		36.76	91.18	0.83	54.14	\$1,225	\$389	\$1,043	0.0000	\$0	\$1,043		
42	Jun-12	Jun-12	Trans	533.63	120.00	288.12	N/A		47.19	0.1638		22.25	11.06	0.83	6.58	\$742	\$47	\$701	0.0000	\$0	\$701		
43	Jul-11	Jul-11	Sales	137.89	60.00	28.78	26.17	0.9091	4.61	0.1603		7.09	0.43		0.43	\$237	\$31	\$229	9.0910	\$26	\$203		
43	Aug-11	Aug-11	Trans	137.89	60.00	0.00	N/A					6.12	0.00	(9.24)	0.00	\$198	(\$0)	\$198	0.0000	\$0	\$198		
43	Sep-11	Sep-11	Sales	137.89	60.00	139.81	127.10	0.9091	22.41	0.1603	2.84	10.97	5.41		2.10	\$368	\$150	\$347	9.0910	\$127	\$220		
43	Oct-11	Oct-11	Sales	137.89	60.00	38.04	34.58	0.9091	6.10	0.1603		4.57	7.44	1.56		0.57	\$253	\$41	\$239	9.0910	\$35	\$204	
43	Nov-11	Nov-11	Sales	313.20	60.00	485.22	441.11	0.9091	77.78	0.1603		3.10	28.44	19.94		7.28	\$951	\$519	\$892	9.0910	\$441	\$451	
43	Dec-11	Dec-11	Sales	321.66	60.00	3,020.41	2,384.91	0.7896	484.17	0.1603	11.85	105.44	124.14		34.43	\$3,527	\$2,869	\$3,251	7.8960	\$2,385	\$866		
43	Jan-12	Jan-12	Sales	321.66	60.00	4,628.69	3,654.81	0.7896	741.98	0.1603		155.30	190.24		52.77	\$5,177	\$4,397	\$4,778	7.8960	\$3,655	\$1,124		
43	Feb-12	Feb-12	Sales	321.66	60.00	4,886.47	3,858.35	0.7896	783.30	0.1603		162.92	188.07	0.83	55.71	\$5,431	\$4,642	\$5,023	7.8960	\$3,858	\$1,165		
43	Mar-12	Mar-12	Sales	321.66	60.00	5,746.07	4,537.09	0.7896	921.09	0.1603		189.49	220.65	0.83	65.51	\$6,316	\$5,458	\$5,840	7.8960	\$4,537	\$1,303		
43	Apr-12	Apr-12	Sales	321.66	60.00	4,001.19	3,159.34	0.7896	641.39	0.1603		135.54	153.65	0.83	45.61	\$4,518	\$3,801	\$4,182	7.8960	\$3,159	\$1,023		
43	May-12	May-12	Sales	321.66	60.00	2,803.71	2,213.81	0.7896	449.43	0.1603	232.30	99.56	107.66	0.83	65.60	\$3,551	\$2,663	\$3,045	7.8960	\$2,214	\$831		
43	Jun-12	Jun-12	Sales	321.66	60.00	1,746.21	1,378.81	0.7896	279.92	0.1603	155.14	66.49	67.05	0.83	41.56	\$2,371	\$1,659	\$2,040	7.8960	\$1,379	\$662		
43	Jul-12	Jul-12	Sales	321.66	60.00	229.47	181.19	0.7896	36.78	0.1603	44.37	19.01	8.81	0.83	5.47	\$678	\$218	\$600	7.8960	\$181	\$418		
44	Jul-11	Jul-11	Trans	4,787.44	300.00	34,657.98	N/A		928.83	0.0268		214.05	519.87	102.78	384.70	\$7,238	\$929	\$6,016	0.0000	\$0	\$6,016		
44	Aug-11	Aug-11	Trans	4,787.44	300.00	34,031.93	N/A		912.06	0.0268		240.49	1,398.71	0.02	377.75	\$8,016	\$912	\$6,000	0.0000	\$0	\$6,000		
44	Sep-11	Sep-11	Trans	4,787.44	300.00	31,905.01	N/A		855.05	0.0268		235.29	1,311.30	89.21	354.15	\$7,932	\$855	\$5,942	0.0000	\$0	\$5,942		
44	Oct-11	Oct-11	Trans	4,787.44	300.00	47,424.73	N/A		1,270.98	0.0268		273.21	1,949.16	100.20	526.41	\$9,207	\$1,271	\$6,358	0.0000	\$0	\$6,358		
44	Nov-11	Nov-11	Trans	5,224.02	300.00	54,746.29	N/A		1,467.20	0.0268		298.52	2,250.07		410.60	\$9,950	\$1,467	\$6,991	0.0000	\$0	\$6,991		
44	Dec-11	Dec-11	Trans	5,224.02	300.00	65,273.03	N/A		1,749.32	0.0268		323.06	2,682.72		489.55	\$10,769	\$1,749	\$7,273	0.0000	\$0	\$7,273		
44	Feb-12	Feb-12	Trans	5,223.57	300.00	74,916.57	N/A		2,007.76	0.0268		339.30	2,876.80	0.83	561.86	\$11,310	\$2,008	\$7,531	0.0000	\$0	\$7,531		
44	Mar-12	Mar-12	Trans	5,223.57	300.00	66,112.10	N/A		1,771.80	0.0268		319.51	2,538.70	142.21	495.84	\$10,792	\$1,772	\$7,295	0.0000	\$0	\$7,295		
44	Apr-12	Apr-12	Trans	5,223.57	300.00	56,415.16	N/A		1,511.93	0.0268		297.70	2,166.34	135.73	423.11	\$10,058	\$1,512	\$7,036	0.0000	\$0	\$7,036		
44	May-12	May-12	Trans	5,223.57	300.00	48,084.14	N/A		1,288.65	0.0268		284.03	1,846.43	0.83	524.13	\$9,468	\$1,289	\$6,812	0.0000	\$0	\$6,812		
44	Jun-12	Jun-12	Trans	5,223.57	300.00	36,838.20	N/A		987.26	0.0268		257.56	1,414.59	119.18	401.54	\$8,704	\$987	\$6,511	0.0000	\$0	\$6,511		
46	Jul-11	Jul-11	Trans	1,513.92	300.00	4,180.88	N/A		112.05	0.0894		62.71		(0.21)	46.21	\$2,035	\$112	\$1,926	0.0000	\$0	\$1,926		
46	Aug-11	Aug-11	Trans	1,513.92	300.00	8,616.67	N/A		230.93	0.0894		354.15			95.65	\$2,495	\$231	\$2,045	0.0000	\$0	\$2,045		
46	Sep-11	Sep-11	Trans	1,513.92	120.00	7,614.39	N/A		680.73	0.0894		312.95			101.27	\$2,729	\$681	\$2,315	0.0000	\$0	\$2,315		
46	Oct-11	Oct-11	Trans	1,513.92	120.00	8,481.00	N/A		758.20	0.0894		348.57			112.80	\$2,853	\$758	\$2,392	0.0000	\$0	\$2,392		
46	Nov-11	Nov-11	Trans	1,057.42	120.00	10,239.19	N/A		915.38	0.0894		420.83			99.32	\$2,613	\$915	\$2,093	0.0000	\$0	\$2,093		
46	Dec-11	Dec-11	Trans	1,057.42	120.00	11,666.72	N/A		1,043.00	0.0894		479.50			113.17	\$2,813	\$1,043	\$2,220	0.0000	\$0	\$2,220		
46	Feb-12	Feb-12	Trans	1,056.99	120.00	17,171.44	N/A		1,535.13	0.0894		5.47	659.38	0.83	166.56	\$3,544	\$1,535	\$2,712	0.0000	\$0	\$2,712		
46	Mar-12	Mar-12	Trans	1,056.99	120.00	16,236.87	N/A		1,451.58	0.0894		5.27	623.50	0.83	157.50	\$3,416	\$1,452	\$2,629	0.0000	\$0	\$2,629		
46	Apr-12	Apr-12	Trans	1,056.99	120.00	11,286.73	N/A		1,009.03	0.0894		4.22	433.41	0.83	109.49	\$2,734	\$1,009	\$2,186	0.0000	\$0	\$2,186		
46	May-12	May-12	Trans	1,056.99	120.00	10,208.38	N/A		912.63	0.0894		4.12	392.00	0.83	184.76	\$2,671	\$913	\$2,090	0.0000	\$0	\$2,090		
46	Jun-12	Jun-12	Trans	1,056.99	120.00	11,216.10	N/A		1,002.72	0.0894		4.35	430.70	0.83	202.99	\$2,819	\$1,003	\$2,180	0.0000	\$0	\$2,180		
47	Jul-11	Jul-11	Sales	720.44	120.00	8,197.27	7,216.06	0.8803	732.84	0.1638		279.01	122.96		109.02	\$9,300	\$7,949	\$8,789	8.8030	\$7,216	\$1,573		
47	Aug-11	Aug-11	Sales	720.44	120.00	3,596.97	3,166.41	0.8803	321.57	0.1638		137.13	57.57		47.84	\$4,571	\$3,488	\$4,328	8.8030	\$3,166	\$1,162		
47	Sep-11	Sep-11	Sales	520.80	120.00	4,751.42	4,319.51	0.9091	778.28	0.1638		185.65	195.28		68.90	\$6,188	\$5,098	\$5,739	9.0910	\$4,320	\$1,419		
47	Oct-11	Oct-11	Sales	520.80	120.00	3,491.09	3,173.75	0.9091	571.84	0.1638		141.68	143.48		50.62	\$4,722	\$3,746	\$4,386	9.0910	\$3,174	\$1,213		
47	Nov-11	Nov-11	Sales	709.20	120.00	4,903.56	4,457.83	0.9091	803.20	0.1638		196.78	201.54		71.10	\$6,560	\$5,261	\$6,090	9.0910	\$4,458	\$1,632		
47	Dec-11	Dec-11	Sales	728.34	120.00	4,898.79	4,435.35	0.9091	802.42	0.1638		180.43	201.34		48.06	\$2,526	\$1,248	\$2,096	9.0910	\$445	\$1,651		
47	Dec-11	Dec-11	Sales				3,481.00	0.7896							7.10	\$3,488	\$3,481	\$3,481	7.8960	\$3,481	\$0		
47	Jan-12	Jan-12	Sales	728.35	120.00	13,334.57	10,528.97	0.7896	2,184.20	0.1638		440.88	548.05		145.35	\$14,696	\$12,713	\$13,562	7.8960	\$10,529	\$3,033		
47	Feb-12	Feb-12	Sales	728.35	120.00	11,874.17	9,375.85	0.7896	1,944.99	0.1638		394.55	457.85	0.83	129.43	\$13,152	\$11,321	\$12,169	7.8960	\$9,376	\$2,793		
47	Mar-12	Mar-12	Sales	728.35	120.00	9,277.92	7,325.84	0.7896	1,519.72	0.1638		313.98	356.27	532.63	101.13	\$10,998	\$8,846	\$9,694	7.8960	\$7,326	\$2,368		
47	Apr-12	Apr-12	Sales	728.35	120.00	6,674.47	5,270.16	0.7896	1,093.28	0.1638		233.47	256.30		80.20	\$7,920	\$6,363	\$7,212	7.8960	\$5,270	\$1,942		
47	May-12	May-12	Sales	728.35	120.00	5,902.34	4,660.49	0.7896	966.80	0.1638		211.48	226.65	106.48	134.58	\$7,155	\$5,627	\$6,476	7.8960	\$4,660	\$1,815		
47	Jun-12	Jun-12																					

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	net revenue including demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments
48	Dec-11	Dec-11	Sales				4,000.23	0.8803								\$4,000	\$4,000	\$4,000	8.8030	\$4,000	\$0	
48	Jan-12	Jan-12	Sales	2,702.14	300.00	27,090.21	20,220.13	0.7464	726.02	0.0268		781.38	1,113.41	789.31	203.18	\$26,836	\$20,946	\$23,948	7.4640	\$20,220	\$3,728	
48	Feb-12	Feb-12	Sales	2,702.14	300.00	38,730.22	28,908.24	0.7464	1,037.97	0.0268		1,074.22	1,493.39	96.05	290.48	\$35,902	\$29,946	\$32,948	7.4640	\$28,908	\$4,040	
48	Mar-12	Mar-12	Sales	2,702.14	300.00	38,248.56	28,548.73	0.7464	1,025.06	0.0268		1,061.82	1,468.74	0.83	286.85	\$35,394	\$29,574	\$32,576	7.4640	\$28,549	\$4,027	
48	Apr-12	Apr-12	Sales	2,702.14	300.00	31,545.33	23,545.44	0.7464	845.41	0.0268		892.32	1,211.34	1,443.45	246.64	\$31,187	\$24,391	\$27,393	7.4640	\$23,545	\$3,848	
48	May-12	May-12	Sales	2,702.14	300.00	25,499.65	19,032.94	0.7464	683.39	0.0268		741.54	979.19	0.83	277.95	\$24,718	\$19,716	\$22,718	7.4640	\$19,033	\$3,686	
48	Jun-12	Jun-12	Sales	2,702.14	300.00	29,438.66	21,973.02	0.7464	788.96	0.0268		841.74	1,130.44	943.46	320.86	\$29,001	\$22,762	\$25,764	7.4640	\$21,973	\$3,791	
49	Jun-11	Jul-11	Sales	26.04	60.00	32.90	29.91	0.9091	5.27	0.1603		3.80	0.49	(151.64)	0.49	(\$26)	\$35	\$121	9.0910	\$30	\$91	
49	Jul-11	Jul-11	Sales	26.04	60.00	32.90	29.91	0.9091	5.27	0.1603		3.80	0.49		0.49	\$126	\$35	\$121	9.0910	\$30	\$91	
49	Aug-11	Aug-11	Sales	26.04	60.00	21.59	19.63	0.9091	3.46	0.1603		3.41	0.73		0.32	\$114	\$23	\$109	9.0910	\$20	\$90	
49	Sep-11	Sep-11	Sales	26.04	60.00	54.48	49.53	0.9091	8.73	0.1603		4.57	2.24		0.82	\$152	\$58	\$144	9.0910	\$50	\$95	
49	Oct-11	Oct-11	Sales	26.04	60.00	219.99	199.99	0.9091	35.26	0.1603		10.33	9.04		3.30	\$344	\$235	\$321	9.0910	\$200	\$121	
49	Nov-11	Nov-11	Sales	67.78	60.00	728.14	127.30	0.9091	116.72	0.1603		27.06	29.93		8.80	\$438	\$244	\$372	9.0910	\$127	\$245	
49	Nov-11	Nov-11	Sales				464.30	0.7896								\$464	\$464	\$464	7.8960	\$464	\$0	
49	Dec-11	Dec-11	Sales	67.78	60.00	1,745.90	1,378.56	0.7896	279.87	0.1603		58.09	71.76		19.90	\$1,936	\$1,658	\$1,786	7.8960	\$1,379	\$408	
49	Jan-12	Jan-12	Sales	67.78	60.00	2,399.07	1,894.31	0.7896	384.57	0.1603		78.21	93.74	0.83	27.36	\$2,607	\$2,279	\$2,407	7.8960	\$1,894	\$512	
49	Feb-12	Feb-12	Sales	67.78	60.00	2,431.94	1,920.26	0.7896	389.84	0.1603		79.17	93.39	0.83	27.74	\$2,639	\$2,310	\$2,438	7.8960	\$1,920	\$518	
49	Mar-12	Mar-12	Sales	67.78	60.00	1,691.47	1,335.58	0.7896	271.14	0.1603		56.28	64.95	0.83	19.29	\$1,876	\$1,607	\$1,735	7.8960	\$1,336	\$399	
49	Apr-12	Apr-12	Sales	67.78	60.00	885.27	699.01	0.7896	141.91	0.1603		31.63	33.99	0.83	19.25	\$1,054	\$841	\$969	7.8960	\$699	\$270	
49	May-12	May-12	Sales	67.78	60.00	471.28	372.12	0.7896	75.55	0.1603		18.73	18.10	0.83	11.22	\$624	\$448	\$575	7.8960	\$372	\$203	
49	Jun-12	Jun-12	Sales	67.78	60.00	23.67	18.69	0.7896	3.79	0.1603		4.72	0.91	0.83	0.57	\$157	\$22	\$150	7.8960	\$19	\$132	
52	Jul-11	Jul-11	Trans	169.20	60.00	0.00	N/A		0.00	0.1603		7.09	0.00		0.00	\$236	\$0	\$229	0.0000	\$0	\$229	
52	Aug-11	Aug-11	Trans	169.20	60.00	0.00	N/A		0.00	0.1603		7.09	0.00		0.00	\$236	\$0	\$229	0.0000	\$0	\$229	
52	Sep-11	Sep-11	Trans	169.20	60.00	0.00	N/A		0.00	0.1603		7.09	0.00	17.93	0.00	\$254	\$0	\$229	0.0000	\$0	\$229	
52	Oct-11	Oct-11	Trans	169.20	60.00	573.63	N/A		91.95	0.1603		10.93	23.58	(17.93)	8.60	\$346	\$92	\$321	0.0000	\$0	\$321	
52	Nov-11	Nov-11	Trans	176.40	60.00	1,348.44	N/A		216.15	0.1603		16.20	55.42		15.37	\$540	\$216	\$453	0.0000	\$0	\$453	
52	Dec-11	Dec-11	Trans	176.40	60.00	2,531.54	N/A		405.81	0.1603		23.98	104.05		28.86	\$799	\$406	\$642	0.0000	\$0	\$642	
52	Feb-12	Feb-12	Trans	176.23	60.00	3,049.16	N/A		488.78	0.1603		27.15	117.09	0.83	34.76	\$905	\$489	\$725	0.0000	\$0	\$725	
52	Mar-12	Mar-12	Trans	176.23	60.00	2,659.93	N/A		426.39	0.1603		24.62	102.14	0.83	30.33	\$821	\$426	\$663	0.0000	\$0	\$663	
52	Apr-12	Apr-12	Trans	176.23	60.00	1,717.14	N/A		275.26	0.1603		18.49	65.94	0.83	19.57	\$616	\$275	\$511	0.0000	\$0	\$511	
52	May-12	May-12	Trans	176.23	60.00	674.74	N/A		108.16	0.1603		11.97	25.91	8.53	16.06	\$407	\$108	\$344	0.0000	\$0	\$344	
52	Jun-12	Jun-12	Trans	176.23	60.00	33.96	N/A		5.44	0.1603		7.57	1.30	0.83	0.82	\$252	\$5	\$242	0.0000	\$0	\$242	
53	Jul-11	Jul-11	Trans	284.40	120.00	732.84	N/A		120.04	0.1638		16.89	10.99		10.63	\$563	\$120	\$524	0.0000	\$0	\$524	
53	Aug-11	Aug-11	Trans	284.40	120.00	789.53	N/A		129.33	0.1638		17.86	32.45		11.45	\$595	\$129	\$534	0.0000	\$0	\$534	
53	Sep-11	Sep-11	Trans	284.40	120.00	708.29	N/A		116.02	0.1638		17.32	29.11		10.27	\$577	\$116	\$520	0.0000	\$0	\$520	
53	Oct-11	Oct-11	Trans	284.40	120.00	3,072.69	N/A		503.31	0.1638		33.37	126.29		44.55	\$1,112	\$503	\$908	0.0000	\$0	\$908	
53	Nov-11	Nov-11	Trans	308.40	120.00	5,456.46	N/A		893.77	0.1638		49.67	224.26		59.48	\$1,656	\$894	\$1,322	0.0000	\$0	\$1,322	
53	Dec-11	Dec-11	Trans	308.40	120.00	6,566.65	N/A		1,075.62	0.1638		57.08	269.89		71.58	\$1,903	\$1,076	\$1,504	0.0000	\$0	\$1,504	
53	Feb-12	Feb-12	Trans	308.10	120.00	7,191.05	N/A		1,177.89	0.1638		60.66	276.14	0.83	78.39	\$2,022	\$1,178	\$1,606	0.0000	\$0	\$1,606	
53	Mar-12	Mar-12	Trans	308.10	120.00	6,216.43	N/A		1,018.25	0.1638		54.24	238.71	0.83	67.74	\$1,808	\$1,018	\$1,446	0.0000	\$0	\$1,446	
53	Apr-12	Apr-12	Trans	308.10	120.00	4,115.19	N/A		674.07	0.1638		40.39	158.02	0.83	44.85	\$1,346	\$674	\$1,102	0.0000	\$0	\$1,102	
53	May-12	May-12	Trans	308.10	120.00	2,872.52	N/A		470.52	0.1638		33.25	110.30	17.66	65.49	\$1,125	\$471	\$899	0.0000	\$0	\$899	
53	Jun-12	Jun-12	Trans	308.10	120.00	1,602.15	N/A		262.43	0.1638		24.42	61.52	0.83	36.54	\$814	\$262	\$691	0.0000	\$0	\$691	
56	Jul-11	Jul-11	Trans	360.74	60.00	0.00	N/A		0.00		30.36	13.02	0.00	(0.46)	0.00	\$464	\$0	\$421	0.0000	\$0	\$421	
56	Aug-11	Aug-11	Trans	360.74	60.00	0.00	N/A		0.00		30.36	13.02	0.00		0.00	\$464	\$0	\$421	0.0000	\$0	\$421	
56	Sep-11	Sep-11	Trans	360.74	120.00	0.00	N/A		34.69		14.87	0.00			0.00	\$530	\$0	\$481	0.0000	\$0	\$481	
56	Oct-11	Oct-11	Trans	360.74	120.00	0.00	N/A		34.69		14.87	0.00			0.00	\$530	\$0	\$481	0.0000	\$0	\$481	
56	Nov-11	Nov-11	Sales	429.60	120.00	3,070.73	1,298.92	0.7896	502.99	0.1638	275.12	117.91	126.21		17.93	\$2,889	\$1,802	\$2,352	7.8960	\$1,299	\$1,053	
56	Nov-11	Nov-11	Sales				1,296.10	0.9091							20.67	\$1,317	\$1,296	\$1,296	9.0910	\$1,296	\$0	
56	Dec-11	Dec-11	Sales	441.20	120.00	4,559.88	3,600.48	0.7896	746.91	0.1638	423.91	159.15	187.41		49.70	\$5,729	\$4,347	\$4,909	7.8960	\$3,600	\$1,308	
56	Jan-12	Jan-12	Sales	441.20	120.00	4,066.92	3,211.24	0.7896	666.16	0.1638	335.22	143.67	161.49	71.78	44.31	\$5,195	\$3,877	\$4,439	7.8960	\$3,211	\$1,227	
56	Feb-12	Feb-12	Sales	441.20	120.00	51.35	40.55	0.7896	8.41	0.1638	44.28	18.97	1.97	90.92	0.57	\$767	\$49	\$610	7.8960	\$41	\$570	
56	Mar-12	Apr-12	Sales	441.20	120.00	13,048.60	10,303.17	0.7896	2,137.36	0.1638			501.07	0.83	142.22	\$13,646	\$12,441	\$13,002	7.8960	\$10,303	\$2,699	
56	Apr-12	Apr-12	Sales	441.20	120.00	10,811.69	8,536.91	0.7896	1,770.96	0.1638	1,813.41	777.17	415.17	75.36	197.69	\$14,148	\$10,308	\$10,869	7.8960	\$8,537	\$2,332	
56	May-12	May-12	Sales	441.20	120.00	1,481.76	1,170.00	0.7896	242.71	0.1638	149.05	63.88	56.90	0.83	33.79	\$2,278	\$1,413	\$1,974	7.8960	\$1,170	\$804	
56	Jun-12	Jun-12	Sales	441.20	120.00	82.32	65.00	0.7896	13.48	0.1638	46.59	19.97	3.16	411.65	1.88	\$1,123	\$78	\$640	7.8960	\$65	\$575	
57	Jul-11	Jul-11	Sales		18.60	47.29	42.99	0.9091	9.69	0.4845	5.48		0.71	(0.23)	0.84	\$78	\$53	\$71	9.0910	\$43	\$28	
57	Jul-11	Jul-11	Sales				5.46	0.2000								\$5	\$5	\$5	0.0000	\$0	\$5	
57	Aug-11	Aug-11	Sales		18.60	175.79	159.81	0.9091	9.69	0.4845	15.98		5.79		3.13	\$213	\$170	\$188	9.0910	\$160	\$28	
57	Aug-11	Aug-11	Sales																			

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Demand Charge	cust. Charge	volume (therms)	commodity charge	commodity rate (per therm)	distrib charge	distrib rate	taxes	GET	Energy Efficiency Surcharge	other charges	DAC	total revenue	net revenue for margin	net revenue including demand/customer charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Comments
57	Dec-11	Dec-11	Sales	89.97	60.00	3,502.07	2,765.23	0.7896	561.38	0.1603	356.32	113.20	143.94		39.92	\$4,130	\$3,327	\$3,477	7.8960	\$2,765	\$711	
57	Feb-12	Feb-12	Sales	89.97	60.00	227.99	180.02	0.7896	36.55	0.1603			8.96	0.83	2.60	\$379	\$217	\$367	7.8960	\$180	\$187	
57	Mar-12	Mar-12	Sales											56.69		\$57	\$0	\$0	0.0000	\$0	\$0	
57	Mar-12	Apr-12	Sales	89.97	60.00	2,980.74	2,353.59	0.7896	477.81	0.1603	406.68		114.46	0.83	33.97	\$3,537	\$2,831	\$2,981	7.8960	\$2,354	\$628	
57	Apr-12	Apr-12	Sales	89.97	60.00	2,529.11	1,996.99	0.7896	405.42	0.1603			97.12	0.83	28.84	\$2,679	\$2,402	\$2,552	7.8960	\$1,997	\$555	
57	May-12	May-12	Sales	89.97	60.00									74.65		\$225	\$0	\$150	0.0000	\$0	\$150	
57	Jun-12	Jun-12	Sales	89.97	60.00									19.71		\$216	\$0	\$150	0.0000	\$0	\$150	
57	May-12	Jun-12	Sales	89.97	60.00						32.64	13.98		0.83		\$151	\$0	\$150	0.0000	\$0	\$150	adj for May'12
57	Apr-12	Jun-12	Sales	89.97	60.00									0.83		\$151	\$0	\$150	0.0000	\$0	\$150	adj for Apr'12
58	Jul-11	Jul-11	Sales	424.76	120.00	522.22	474.75	0.9091	85.54	0.1638		34.65	7.83	(0.01)	7.57	\$1,155	\$560	\$1,105	9.0910	\$475	\$630	
58	Aug-11	Aug-11	Sales	424.76	120.00	563.34	512.14	0.9091	92.28	0.1638		36.23	13.70		8.17	\$1,207	\$604	\$1,149	9.0910	\$512	\$637	
58	Sep-11	Sep-11	Sales	424.76	120.00	720.63	655.12	0.9091	118.04	0.1638		42.00	29.62		10.45	\$1,400	\$773	\$1,318	9.0910	\$655	\$663	
58	Oct-11	Oct-11	Sales	513.60	120.00	223.08	202.80	0.9091	36.54	0.1638		27.37	9.17		3.23	\$913	\$239	\$873	9.0910	\$203	\$670	
58	Nov-11	Nov-11	Sales	513.60	120.00	4,338.05	2,426.90	0.9091	710.57	0.1638		164.66	178.29		38.71	\$4,153	\$3,137	\$3,771	9.0910	\$2,427	\$1,344	
58	Nov-11	Nov-11	Sales				1,317.43	0.7896							18.19	\$1,336	\$1,317	\$1,317	7.8960	\$1,317	\$0	
58	Dec-11	Dec-11	Sales	527.47	120.00	5,797.42	4,577.64	0.7896	949.62	0.1638	68.60	200.29	238.27		63.19	\$6,745	\$5,527	\$6,175	7.8960	\$4,578	\$1,597	
58	Jan-12	Jan-12	Sales	527.47	120.00	8,434.75	6,660.08	0.7896	1,381.61	0.1638		282.03	338.32		91.94	\$9,401	\$8,042	\$8,689	7.8960	\$6,660	\$2,029	
58	Feb-12	Feb-12	Sales	527.47	120.00	10,766.04	8,500.87	0.7896	1,763.48	0.1638		17.69	413.42	1.66	117.34	\$11,462	\$10,264	\$10,912	7.8960	\$8,501	\$2,411	
58	Mar-12	Mar-12	Sales	527.47	120.00	9,006.79	7,111.76	0.7896	1,475.31	0.1638		14.97	345.86	0.83	98.19	\$9,694	\$8,587	\$9,235	7.8960	\$7,112	\$2,123	
58	Apr-12	Apr-12	Sales	527.47	120.00	4,842.31	3,823.48	0.7896	793.17	0.1638		8.55	185.94	0.83	77.74	\$5,537	\$4,617	\$5,264	7.8960	\$3,823	\$1,441	
58	May-12	May-12	Sales	527.47	120.00	1,061.93	838.50	0.7896	173.94	0.1638		2.67	40.78	0.83	24.21	\$1,728	\$1,012	\$1,660	7.8960	\$839	\$821	
58	Jun-12	Jun-12	Sales	527.47	120.00	173.90	137.31	0.7896	28.48	0.1638		1.27	6.68	0.83	3.97	\$826	\$166	\$813	7.8960	\$137	\$676	
60	Jul-11	Jul-11	Trans	2,197.84	300.00	28,461.20	N/A		762.76	0.0268		6.19	426.92	(0.04)	315.92	\$4,010	\$763	\$3,261	0.0000	\$0	\$3,261	
60	Aug-11	Aug-11	Trans	2,197.84	300.00	32,451.91	N/A		869.71	0.0268		7.82	1,333.77		360.22	\$5,069	\$870	\$3,368	0.0000	\$0	\$3,368	
60	Sep-11	Sep-11	Trans	2,197.84	300.00	1,216.07	N/A		32.59	0.0268		4.01	49.98		13.50	\$2,598	\$33	\$2,530	0.0000	\$0	\$2,530	
60	Oct-11	Oct-11	Trans	2,197.84	300.00	1,599.56	N/A		42.87	0.0268		4.06	65.74		17.76	\$2,628	\$43	\$2,541	0.0000	\$0	\$2,541	
60	Nov-11	Nov-11	Trans	1,751.30	300.00	4,368.86	N/A		117.09	0.0268		3.68	179.56		32.77	\$2,384	\$117	\$2,168	0.0000	\$0	\$2,168	
60	Dec-11	Dec-11	Trans	1,751.30	300.00	9,552.15	N/A		256.00	0.0268		4.29	392.59		71.64	\$2,776	\$256	\$2,307	0.0000	\$0	\$2,307	
60	Jan-12	Jan-12	Trans	1,750.85	300.00	9,346.73	N/A		250.49	0.0268		4.22	358.91	0.83	70.09	\$2,735	\$250	\$2,301	0.0000	\$0	\$2,301	
60	Feb-12	Feb-12	Trans	1,750.85	300.00	9,610.67	N/A		257.57	0.0268		4.25	369.05	69.72	72.07	\$2,824	\$258	\$2,308	0.0000	\$0	\$2,308	
60	Mar-12	Mar-12	Trans	1,750.85	300.00	9,601.42	N/A		257.32	0.0268		4.25	368.69	0.83	72.01	\$2,754	\$257	\$2,308	0.0000	\$0	\$2,308	
60	Apr-12	Apr-12	Trans	1,750.85	300.00	7,527.91	N/A		201.75	0.0268		4.06	289.07	0.83	82.05	\$2,629	\$202	\$2,253	0.0000	\$0	\$2,253	
60	May-12	May-12	Trans	1,750.85	300.00	5,192.33	N/A		139.15	0.0268		3.78	199.39	0.83	56.60	\$2,451	\$139	\$2,190	0.0000	\$0	\$2,190	
62	Jul-11	Jul-11	Trans	304.72	120.00	0.00	N/A		0.00			13.13	0.00	(1.20)	0.00	\$437	\$0	\$425	0.0000	\$0	\$425	
62	Aug-11	Aug-11	Trans	304.72	120.00	0.00	N/A		0.00			13.13	0.00		0.00	\$438	\$0	\$425	0.0000	\$0	\$425	
62	Sep-11	Sep-11	Trans	304.72	120.00	0.00	N/A		0.00			13.13	0.00		0.00	\$438	\$0	\$425	0.0000	\$0	\$425	
62	Oct-11	Oct-11	Trans	304.72	120.00	2,197.86	N/A		360.01	0.1638		28.05	90.33		31.87	\$935	\$360	\$785	0.0000	\$0	\$785	
62	Nov-11	Nov-11	Trans	575.53	120.00	2,376.48	N/A		389.27	0.1638		37.43	97.67		27.55	\$1,247	\$389	\$1,085	0.0000	\$0	\$1,085	
62	Dec-11	Dec-11	Trans	575.53	120.00	9,519.26	N/A		1,559.26	0.1638		85.05	391.24		103.76	\$2,835	\$1,559	\$2,255	0.0000	\$0	\$2,255	
62	Jan-12	Jan-12	Trans	575.53	120.00	11,308.30	N/A		1,852.30	0.1638		96.30	441.87	0.83	123.25	\$3,210	\$1,852	\$2,548	0.0000	\$0	\$2,548	
62	Feb-12	Feb-12	Trans	575.53	120.00	11,684.18	N/A		1,913.87	0.1638		98.54	448.67	0.83	127.37	\$3,285	\$1,914	\$2,609	0.0000	\$0	\$2,609	
62	Mar-12	Mar-12	Trans	575.53	120.00	7,756.93	N/A		1,270.59	0.1638		72.66	297.87	0.83	84.56	\$2,422	\$1,271	\$1,966	0.0000	\$0	\$1,966	
62	Apr-12	Apr-12	Trans	575.53	120.00	3,396.29	N/A		556.31	0.1638		44.96	130.42	0.83	70.70	\$1,499	\$556	\$1,252	0.0000	\$0	\$1,252	
62	May-12	May-12	Trans	575.53	120.00	1,909.82	N/A		312.83	0.1638		34.83	73.34	0.83	43.54	\$1,161	\$313	\$1,008	0.0000	\$0	\$1,008	
62	Jun-12	Jun-12	Trans	575.53	120.00	0.00	N/A		0.00	0.1638		21.54	0.00	0.83	0.00	\$718	\$0	\$696	0.0000	\$0	\$696	
																					<b>\$2,013,652</b>	

**National Grid - RI Gas  
On-System Margin Factor  
Margin Threshold Calculation (Non Firm)**

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Total Jul 11-Jun 12
	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	----- actual	-----
<b>Non-firm (dth)</b>													
sub-total	172,708	153,188	171,967	200,256	239,075	239,256	173,580	194,030	186,331	192,975	148,124	146,596	<b>2,218,087</b>
<b>Non-firm Revenue</b>													
sub-total	208,384	240,866	237,060	329,479	500,138	664,196	389,843	378,032	338,750	303,902	203,332	214,206	<b>4,008,188</b>
less GET *	184,546	179,821	168,526	246,121	395,341	551,006	310,616	279,594	249,558	222,927	137,554	148,069	<b>3,073,680</b>
<b>Total Gas Costs</b>	82,117	79,294	74,451	114,078	232,486	380,432	179,944	133,990	109,223	82,025	29,547	43,168	<b>1,540,756</b>
Non-firm Margin	102,429	100,527	94,075	132,043	162,856	170,574	130,672	145,603	140,335	140,902	108,007	104,901	<b>1,532,924</b>

\* excludes taxes, GET, EES, and other charges such as interests.

National Grid - RI Gas  
On-System Margin Factor  
July 2011- June 2012 Non-Firm Customer Detail

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	cust. Charge (2)	volume (therms) (3)	commodity charge (4)	commodity rate (per therm) (5)	distrib charge (6)	distrib rate (7)	taxes (8)	GET (9)	Energy Efficiency Surcharge	other charges	total revenue	net revenue for margin	net revenue including cust. service charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Margin for customer level calc	Margin per Dth	Comment
3	Jul-11	Jul-11	Trans	\$485	11,707.89	N/A		896.82	0.0766		2.41	175.62		\$1,558	\$897	\$1,382	5.5102	\$0	\$1,382	\$897	0.77	
3	Aug-11	Aug-11	Trans	\$485	9,030.95	N/A		691.77	0.0766		2.39	371.17		\$1,550	\$692	\$1,177	5.6907	\$0	\$1,177	\$692	0.77	
3	Sep-11	Sep-11	Trans	\$485	10,184.39	N/A		780.12	0.0766		2.61	418.58		\$1,686	\$780	\$1,265	4.8246	\$0	\$1,265	\$780	0.77	
3	Oct-11	Oct-11	Trans	\$485	15,513.56	N/A		1,188.34	0.0766		3.58	637.61		\$2,315	\$1,188	\$1,673	4.7123	\$0	\$1,673	\$1,188	0.77	
3	Nov-11	Nov-11	Trans	\$485	24,886.25	N/A		1,906.29	0.0766		5.28	1,022.82		\$3,419	\$1,906	\$2,391	4.8079	\$0	\$2,391	\$1,906	0.77	
3	Dec-11	Dec-11	Trans	\$485	35,892.61	N/A		2,749.37	0.0766		7.28	1,475.19		\$4,717	\$2,749	\$3,234	6.7967	\$0	\$3,234	\$2,749	0.77	
3	Jan-12	Jan-12	Sales	\$485	33,814.03	(112.45)		2,590.16	0.0766		13.51	1,298.46	0.83	\$4,276	\$2,478	\$2,963	6.7388	(\$112)	\$3,075	\$2,590	0.77	curtailment adjustment for Jan 12
3	Feb-12	Feb-12	Trans	\$485	37,271.88	N/A		2,855.03	0.0766		7.38	1,431.24	0.83	\$4,779	\$2,855	\$3,340	5.1630	\$0	\$3,340	\$2,855	0.77	curtailment adjustment for Jan 12
3	Mar-12	Mar-12	Trans	\$485	29,968.89	N/A		2,295.62	0.0766		6.08	1,150.81	76.91	\$4,014	\$2,296	\$2,781	3.3691	\$0	\$2,781	\$2,296	0.77	
3	Apr-12	Apr-12	Trans	\$485	12,536.59	N/A		960.30	0.0766		2.98	481.41	118.92	\$2,049	\$960	\$1,445	2.8594	\$0	\$1,445	\$960	0.77	
3	May-12	May-12	Trans	\$485	0.00	N/A		0.00			0.75	0.00	0.83	\$487	(\$0)	\$485	2.4957	\$0	\$485	(\$0)	0.00	
3	Jun-12	Jun-12	Trans	\$485	0.00	N/A		0.00			0.75	0.00	0.83	\$487	(\$0)	\$485	3.2566	\$0	\$485	(\$0)	0.00	
5	Jul-11	Jul-11	Trans	\$485	71,778.04	N/A		4,421.53	0.0616		185.05	1,076.67		\$6,168	\$4,422	\$4,907	5.5102	\$0	\$4,907	\$4,422	0.62	
5	Aug-11	Aug-11	Trans	\$485	82,662.52	N/A		5,092.01	0.0616		277.56	3,397.43		\$9,252	\$5,092	\$5,577	5.6907	\$0	\$5,577	\$5,092	0.62	
5	Sep-11	Sep-11	Trans	\$485	76,226.20	N/A		4,695.53	0.0616		257.11	3,132.90		\$8,571	\$4,696	\$5,181	4.8246	\$0	\$5,181	\$4,696	0.62	
5	Oct-11	Oct-11	Trans	\$485	89,690.94	N/A		5,524.96	0.0616		299.88	3,686.30		\$9,996	\$5,525	\$6,010	4.7123	\$0	\$6,010	\$5,525	0.62	
5	Nov-11	Nov-11	Trans	\$485	82,390.04	N/A		5,075.23	0.0616		276.70	3,386.23		\$9,223	\$5,075	\$5,560	4.8079	\$0	\$5,560	\$5,075	0.62	
5	Dec-11	Dec-11	Trans	\$485	65,183.69	N/A		4,015.32	0.0616		222.05	2,679.05		\$7,401	\$4,015	\$4,500	6.7967	\$0	\$4,500	\$4,015	0.62	
5	Jan-12	Jan-12	Trans	\$485	36,556.07	N/A		2,251.85	0.0616		128.09	1,403.75	0.83	\$4,270	\$2,252	\$2,737	6.7388	\$0	\$2,737	\$2,252	0.62	
5	Feb-12	Feb-12	Trans	\$485	39,746.95	N/A		2,448.41	0.0616		137.95	1,526.28	54.20	\$4,652	\$2,448	\$2,933	5.1630	\$0	\$2,933	\$2,448	0.62	
5	Mar-12	Mar-12	Trans	\$485	66,985.05	N/A		4,126.28	0.0616		222.20	2,572.23	0.83	\$7,407	\$4,126	\$4,611	3.3691	\$0	\$4,611	\$4,126	0.62	
5	Apr-12	Apr-12	Trans	\$485	85,652.83	N/A		5,276.21	0.0616		279.93	3,289.07	0.83	\$9,331	\$5,276	\$5,761	2.8594	\$0	\$5,761	\$5,276	0.62	
5	May-12	May-12	Trans	\$485	82,447.60	N/A		5,078.77	0.0616		270.02	3,165.99	0.83	\$9,001	\$5,079	\$5,564	2.4957	\$0	\$5,564	\$5,079	0.62	
5	Jun-12	Jun-12	Trans	\$485	89,507.57	N/A		5,513.67	0.0616		291.85	3,437.09	0.83	\$9,728	\$5,514	\$5,999	3.2566	\$0	\$5,999	\$5,514	0.62	
6	Jul-11	Jul-11	Trans	\$485	12,581.69	N/A		775.03	0.0616			188.73	(0.04)	\$1,449	\$775	\$1,260	5.5102	\$0	\$1,260	\$775	0.62	
6	Aug-11	Aug-11	Trans	\$485	19,588.54	N/A		1,206.65	0.0616			805.09		\$2,497	\$1,207	\$1,692	5.6907	\$0	\$1,692	\$1,207	0.62	
6	Sep-11	Sep-11	Trans	\$485	19,528.85	N/A		1,202.85	0.0616			802.55		\$2,490	\$1,203	\$1,688	4.8246	\$0	\$1,688	\$1,203	0.62	
6	Oct-11	Oct-11	Trans	\$485	32,467.32	N/A		1,999.99	0.0616			1,334.41		\$3,819	\$2,000	\$2,485	4.7123	\$0	\$2,485	\$2,000	0.62	
6	Nov-11	Nov-11	Trans	\$485	45,027.78	N/A		2,773.71	0.0616			1,850.64		\$5,109	\$2,774	\$3,259	4.8079	\$0	\$3,259	\$2,774	0.62	
6	Dec-11	Dec-11	Trans	\$485	13,380.79	N/A		824.26	0.0616			549.95		\$1,859	\$824	\$1,309	6.7967	\$0	\$1,309	\$824	0.62	
6	Jan-12	Jan-12	Trans	\$485	0.00	N/A		0.00				0.00	0.83	\$486	(\$0)	\$485	6.7388	\$0	\$485	(\$0)	0.00	
6	Feb-12	Feb-12	Trans	\$485	0.00	N/A		0.00	0.0616			0.00	6.90	\$492	(\$0)	\$485	5.1630	\$0	\$485	(\$0)	0.00	
6	Mar-12	Mar-12	Trans	\$485	446.75	N/A		27.52	0.0616			17.16	0.83	\$531	\$28	\$513	3.3691	\$0	\$513	\$28	0.62	
6	Apr-12	Apr-12	Trans	\$485	10,374.75	N/A		639.08	0.0616			398.39	7.46	\$1,530	\$639	\$1,124	2.8594	\$0	\$1,124	\$639	0.62	
6	May-12	May-12	Trans	\$485	11,169.80	N/A		688.06	0.0616			428.92	7.46	\$1,609	\$688	\$1,173	2.4957	\$0	\$1,173	\$688	0.62	
6	Jun-12	Jun-12	Trans	\$485	12,073.26	N/A		743.71	0.0616			463.61	0.83	\$1,693	\$744	\$1,229	3.2566	\$0	\$1,229	\$744	0.62	
8	Jul-11	Jul-11	Trans	\$715	744,035.56	N/A		45,832.59	0.0616		1,784.78	11,160.53	42.86	\$59,536	\$45,833	\$46,548	5.5102	\$0	\$46,548	\$45,833	0.62	
8	Aug-11	Aug-11	Trans	\$715	728,440.80	N/A		44,871.95	0.0616		2,335.84	29,938.92	43.39	\$77,905	\$44,872	\$45,587	5.6907	\$0	\$45,587	\$44,872	0.62	
8	Sep-11	Sep-11	Trans	\$715	755,394.96	N/A		46,532.33	0.0616		2,421.46	31,046.73	43.94	\$80,759	\$46,532	\$47,247	4.8246	\$0	\$47,247	\$46,532	0.62	
8	Oct-11	Oct-11	Trans	\$715	790,501.16	N/A		48,694.87	0.0616		2,532.97	32,489.60	1,017.21	\$85,450	\$48,695	\$49,410	4.7123	\$0	\$49,410	\$48,695	0.62	
8	Nov-11	Nov-11	Trans	\$715	739,255.14	N/A		45,538.12	0.0616		2,370.19	30,383.39	45.03	\$79,052	\$45,538	\$46,253	4.8079	\$0	\$46,253	\$45,538	0.62	
8	Dec-11	Dec-11	Trans	\$715	744,359.33	N/A		45,852.53	0.0616		2,386.41	30,593.17	57.74	\$79,605	\$45,853	\$46,568	6.7967	\$0	\$46,568	\$45,853	0.62	
8	Jan-12	Jan-12	Trans	\$715	582,976.55	N/A		35,911.36	0.0616		1,825.16	22,386.30	118.17	\$60,956	\$35,911	\$36,626	6.7388	\$0	\$36,626	\$35,911	0.62	
8	Feb-12	Feb-12	Trans	\$715	655,236.27	N/A		40,362.55	0.0616		2,048.64	25,161.07	0.83	\$68,288	\$40,363	\$41,078	5.1630	\$0	\$41,078	\$40,363	0.62	
8	Mar-12	Mar-12	Trans	\$715	613,478.45	N/A		37,790.27	0.0616		1,919.49	23,557.57	61.32	\$64,044	\$37,790	\$38,505	3.3691	\$0	\$38,505	\$37,790	0.62	
8	Apr-12	Apr-12	Trans	\$715	671,113.69	N/A		41,340.60	0.0616		2,097.75	25,770.77	62.08	\$98,986	\$41,341	\$42,056	2.8594	\$0	\$42,056	\$41,341	0.62	
8	May-12	May-12	Trans	\$715	736,156.89	N/A		45,347.26	0.0616		2,298.91	28,268.42	62.85	\$76,692	\$45,347	\$46,062	2.4957	\$0	\$46,062	\$45,347	0.62	
8	Jun-12	Jun-12	Trans	\$715	807,003.54	N/A		49,711.42	0.0616		2,518.02	30,988.94	63.63	\$83,997	\$49,711	\$50,426	3.2566	\$0	\$50,426	\$49,711	0.62	
9	Sep-11	Sep-11	Trans	\$485	0.00	N/A		0.00	0.1372			0.00		\$485	\$0	\$485	4.8246	\$0	\$485	\$0	0.00	
9	Aug-11	Sep-11	Trans	\$485		N/A						0.00		\$485	\$0	\$485	5.6907	\$0	\$485	\$0	0.00	adj for Aug'11
9	Aug-11	Sep-11	Trans	(\$3,924)		N/A						0.00		(\$3,924)	\$0	(\$3,924)	5.6907	\$0	(\$3,924)	\$0	0.00	adj for Aug'11
9	Jul-11	Sep-11	Trans	\$485	2,852.71	N/A		391.39	0.1372			0.00		\$876	\$391	\$876	5.5102	\$0	\$876	\$391	1.37	adj for Jul'11
9	Jul-11	Sep-11	Trans	(\$3,924)		N/A						0.00		(\$3,924)	\$0	(\$3,924)	5.5102	\$0	(\$3,924)	\$0	0.00	adj for Jul'11
9	Jun-11	Sep-11	Trans	\$485	8,611.57	N/A		1,181.51	0.1372			0.00		\$1,667	\$1,182	\$1,667	5.2730	\$0	\$1,667	\$1,182	1.37	adj for Jun'11
9	Jun-11	Sep-11	Trans	(\$3,924)		N/A						0.00		(\$3,924)	\$0	(\$3,924)	5.2730	\$0	(\$3,924)	\$0	0.00	adj for Jun'11
9	May-11	Sep-11	Trans	\$485	7,902.23	N/A		1,084.19	0.1372			0.00		\$1,569	\$1,084	\$1,569	5.1635	\$0	\$1,569	\$1,084	1.37	adj for May'11
9	May-11	Sep-11	Trans	(\$3,924)		N/A						0.00		(\$3,924)	\$0	(\$3,924)	5.1635	\$0	(\$3,924)	\$0	0.00	adj for May'11
9	Apr-11	Sep-11	Trans	\$485	3,336.55	N/A		457.77	0.1372			0.00		\$943	\$458	\$943	5.1822	\$0	\$943	\$458	1.37	adj for Apr'11
9	Apr-11	Sep-11	Trans	(\$3,924)	(3,336.55)	N/A		(89.42)	0.0268			0.00		(\$4,050)	(\$89)	(\$4,013)	5.1822	\$0	(\$4,013)	(\$89)	0.27	adj for Apr'11
9	Oct-11	Oct-11	Trans	\$485	7,362.54	N/A		1,010.14	0.1372			302.60		\$1,798	\$1,010	\$1,495	4.7123	\$0	\$1,495	\$1,010	1.37	
9	Oct-11	Oct-11	Trans																			

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	cust. Charge (2)	volume (therms) (3)	commodity charge (4)	commodity rate (per therm) (5)	distrib charge (6)	distrib rate (7)	taxes (8)	GET (9)	Energy Efficiency Surcharge	other charges	total revenue	net revenue for margin	net revenue including cust. service charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Margin for customer level calc	Margin per Dth	Comment
9	Nov-11	Nov-11	Trans	\$485	0.00	N/A		0.00	0.1372			0.00		\$485	\$0	\$485	4,807.9	\$0	\$485	\$0	0.00	
9	Dec-11	Dec-11	Trans	\$485	0.00	N/A		0.00	0.1372			0.00		\$485	\$0	\$485	6,796.7	\$0	\$485	\$0	0.00	
9	Feb-12	Feb-12	Trans	\$485	0.00	N/A		0.00					0.83	\$485	\$0	\$485	5,163.0	\$0	\$485	\$0	0.00	
9	Jan-12	Feb-12	Trans	\$495	0.00	N/A		0.00					563.03	\$1,048	\$0	\$485	6,738.8	\$0	\$485	\$0	0.00	
9	Mar-12	Mar-12	Trans	\$495	0.00	N/A		0.00					1,035.24	\$1,520	\$0	\$485	3,369.1	\$0	\$485	\$0	0.00	
9	Apr-12	Apr-12	Trans	\$485	0.00	N/A		0.00					1,054.24	\$1,539	\$0	\$485	2,859.4	\$0	\$485	\$0	0.00	
9	May-12	May-12	Trans	\$485	0.00	N/A		0.00					1,073.48	\$1,558	\$0	\$485	2,495.7	\$0	\$485	\$0	0.00	
9	Jun-12	Jun-12	Trans	\$227	0.00	N/A		0.00					0.39	\$227	(\$0)	\$227	3,256.6	\$0	\$227	(\$0)	0.00	
11	Jul-11	Jul-11	Trans	\$275	24,980.40	N/A		1,538.79	0.0616		67.69	374.71		\$2,256	\$1,539	\$1,814	5,510.2	\$0	\$1,814	\$1,539	0.62	
11	Aug-11	Aug-11	Trans	\$275	25,317.58	N/A		1,559.56	0.0616		88.92	1,040.55		\$2,964	\$1,560	\$1,835	5,690.7	\$0	\$1,835	\$1,560	0.62	
11	Sep-11	Sep-11	Trans	\$275	25,383.37	N/A		1,563.62	0.0616		89.14	1,043.26		\$2,971	\$1,564	\$1,839	4,824.6	\$0	\$1,839	\$1,564	0.62	
11	Oct-11	Oct-11	Trans	\$275	31,230.62	N/A		1,923.81	0.0616		107.71	1,283.58	37.05	\$3,627	\$1,924	\$2,199	4,712.3	\$0	\$2,199	\$1,924	0.62	
11	Nov-11	Nov-11	Trans	\$275	11,968.64	5754.40	0.4808		0.0616		224.49	491.91		\$7,483	\$6,492	\$6,767	4,807.9	\$5,754	\$1,012	\$737	0.62	
11	Dec-11	Dec-11	Trans	\$275	505.28	1172.07	2.3196				428.79	268.12	44.88	\$2,189	\$1,172	\$1,447	23,196.4	\$1,172	\$275	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		405.67	883.44	2.1777							\$883	\$883	\$883	21,777.3	\$883	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		1,369.00	2677.53	1.9558							\$2,678	\$2,678	\$2,678	19,558.3	\$2,678	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		303.99	587.49	1.9326							\$587	\$587	\$587	19,326.1	\$587	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		398.48	814.32	2.0436							\$814	\$814	\$814	20,435.6	\$814	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		506.31	1120.89	2.2139							\$1,121	\$1,121	\$1,121	22,138.5	\$1,121	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		392.31	808.79	2.0616							\$809	\$809	\$809	20,616.2	\$809	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		1,678.14	3383.77	2.0152							\$3,384	\$3,384	\$3,384	20,151.8	\$3,384	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		571.01	1077.02	1.8862							\$1,077	\$1,077	\$1,077	18,861.6	\$1,077	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		285.51	595.24	2.0848							\$595	\$595	\$595	20,848.4	\$595	\$0	\$0	0.00	curtailment
11	Dec-11	Dec-11	Trans		106.81	200.36	1.8758							\$200	\$200	\$200	18,758.4	\$200	\$0	\$0	0.00	curtailment
11	Nov-11	Dec-11	Trans		(11,968.64)	(5754.40)	0.4808	(737.27)	0.0616			(491.91)		(\$6,984)	(\$6,492)	(\$6,492)	4,807.9	(\$5,754)	(\$737)	(\$737)	0.62	adj for Nov'11
11	Nov-11	Dec-11	Trans		405.67	920.08	2.2680		0.0616		555.03	491.91		\$1,967	\$920	\$920	4,807.9	\$920	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		400.53	887.75	2.2164		0.0616					\$888	\$888	\$888	4,807.9	\$888	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		396.42	858.18	2.1648		0.0616					\$858	\$858	\$858	4,807.9	\$858	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		459.07	1080.28	2.3532		0.0616					\$1,080	\$1,080	\$1,080	4,807.9	\$1,080	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		1,232.40	2868.28	2.3274		0.0616					\$2,868	\$2,868	\$2,868	4,807.9	\$2,868	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		354.32	741.44	2.0926		0.0616					\$741	\$741	\$741	4,807.9	\$741	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		365.61	756.58	2.0694		0.0616					\$757	\$757	\$757	4,807.9	\$757	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		366.64	762.49	2.0797		0.0616					\$762	\$762	\$762	4,807.9	\$762	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		415.93	924.03	2.2216		0.0616					\$924	\$924	\$924	4,807.9	\$924	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		1,116.34	2215.05	1.9842		0.0616					\$2,215	\$2,215	\$2,215	4,807.9	\$2,215	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		372.80	680.08	1.8242		0.0616					\$680	\$680	\$680	4,807.9	\$680	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		371.77	669.56	1.8910		0.0616					\$670	\$670	\$670	4,807.9	\$670	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		678.87	1357.78	1.9971		0.0616					\$1,358	\$1,358	\$1,358	4,807.9	\$1,358	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		435.45	902.23	2.0719		0.0616					\$902	\$902	\$902	4,807.9	\$902	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		1,163.59	2173.70	1.8681		0.0616					\$2,174	\$2,174	\$2,174	4,807.9	\$2,174	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		387.18	734.28	1.8965		0.0616					\$734	\$734	\$734	4,807.9	\$734	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		433.39	876.71	2.0229		0.0616					\$877	\$877	\$877	4,807.9	\$877	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		1,904.06	3640.51	1.9120		0.0616					\$3,641	\$3,641	\$3,641	4,807.9	\$3,641	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		334.80	628.89	1.8784		0.0616					\$629	\$629	\$629	4,807.9	\$629	\$0	\$0	0.00	curtailment adj for Nov '11
11	Nov-11	Dec-11	Trans		372.80	759.92	2.0384		0.0616					\$760	\$760	\$760	4,807.9	\$760	\$0	\$0	0.00	curtailment adj for Nov '11
11	Jan-12	Mar-12	Trans		0.00	N/A		0.00		0.06	0.03		0.83	\$1	\$0	\$0	6,738.8	\$0	\$0	\$0	0.00	
11	Feb-12	Mar-12	Trans		0.00	N/A		0.00		0.06	0.03		0.83	\$1	\$0	\$0	5,163.0	\$0	\$0	\$0	0.00	
11	Mar-12	Mar-12	Trans		0.00	N/A		0.00		0.06	0.03		0.83	\$1	\$0	\$0	3,369.1	\$0	\$0	\$0	0.00	
11	Apr-12	Apr-12	Trans		30,886.00	N/A		1,902.58	0.0616		95.55	1,186.02	0.83	\$3,408	\$1,903	\$1,903	2,859.4	\$0	\$1,903	\$1,903	0.62	
11	May-12	May-12	Trans		29,701.06	N/A		1,829.59	0.0616		91.88	1,140.52	0.83	\$3,277	\$1,830	\$1,830	2,495.7	\$0	\$1,830	\$1,830	0.62	
11	Jun-12	Jun-12	Trans		25,797.03	N/A		1,589.10	0.0616		990.61		0.83	\$2,847	\$1,589	\$1,589	3,256.6	\$0	\$1,589	\$1,589	0.62	
14	Jul-11	Jul-11	Sales	\$625	0.00	0.00	0.5510	0.00	0.0766		19.33	0.00	(84.89)	\$559	\$0	\$625	5,510.2	\$0	\$625	\$0	0.00	
14	Aug-11	Aug-11	Sales	\$625	0.00	0.00	0.5691	0.00	0.0766		19.33	0.00	6.99	\$651	\$0	\$625	5,690.7	\$0	\$625	\$0	0.00	
14	Sep-11	Sep-11	Sales	\$625	61.68	29.76	0.4825	4.72	0.0766		20.48	2.54	1.06	\$684	\$34	\$659	4,824.6	\$30	\$630	\$5	0.77	
14	Oct-11	Oct-11	Sales	\$625	61,034.41	28761.25	0.4712	4,675.24	0.0766		1,131.02	2,508.51	9.11	\$37,710	\$33,436	\$34,061	4,712.3	\$28,761	\$5,300	\$4,675	0.77	
14	Nov-11	Nov-11	Sales	\$625	283,144.93	136133.25	0.4808	21,688.90	0.0766		5,260.33	11,637.26	17.64	\$175,362	\$157,822	\$158,447	4,807.9	\$136,133	\$22,314	\$21,689	0.77	
14	Dec-11	Dec-11	Sales	\$625	346,576.53	235557.67	0.6797	26,547.76	0.0766		8,566.21	14,244.30	9.20	\$285,550	\$262,105	\$262,730	6,796.7	\$235,558	\$27,173	\$26,548	0.77	
14	Jan-12	Jan-12	Sales	\$625	282,900.50	190640.99	0.6739	21,670.18	0.0766		6,921.66	10,863.38	2,201.84	\$232,923	\$212,311	\$212,936	6,738.8	\$190,641	\$22,295	\$21,670	0.77	
14	Feb-12	Feb-12	Sales	\$625	330,874.75	170722.73	0.5163	25,329.00	0.0766		6,494.07	12,697.56	12,261.56	\$228,130	\$196,052	\$196,677	5,163.0	\$170,723	\$25,954	\$25,329	0.77	
14	Feb-12	Feb-12	Sales		209.00	600.07								\$600	\$600	\$600	0.0000	\$600	\$0	\$0	0.00	curtailment
14	Mar-12	Mar-12	Sales	\$625	320,054.28	107829.49	0.3369	24,516.16	0.0766		4,492.62	12,290.08	9,350.07	\$159,103	\$132,346	\$132,971	3,369.1	\$107,829	\$25,141	\$24,516	0.77	
14	Apr-12	Apr-12	Sales	\$625	255,049.29	72928.79	0.2859	19,536.78	0.0766		3,182.02	9,793.89	3,579.41	\$109,646	\$92,466	\$93,091	2,859.4	\$72,929	\$20,162	\$19,537	0.77	
14	May-12	May-12	Sales	\$625	49,350.84	12316.49	0.2496	3,780.27	0.0766		575.80	1,895.07	3,579.40	\$22,772	\$16,097	\$16,722	2,495.7	\$1				

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	cust. Charge (2)	volume (therms) (3)	commodity charge (4)	commodity rate (per therm) (5)	distrib charge (6)	distrib rate (7)	taxes (8)	GET (9)	Energy Efficiency Surcharge	other charges	total revenue	net revenue for margin	net revenue including cust. service charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Margin for customer level calc	Margin per Dth	Comment
16	Jul-11	Jul-11	Trans	\$715	88,186.97	N/A		6,755.12	0.0766			1,322.80	(199.63)	\$8,593	\$6,755	\$7,470	5.5102	\$0	\$7,470	\$6,755	0.77	
16	Aug-11	Aug-11	Trans	\$715	72,969.50	N/A		5,589.46	0.0766			2,999.05		\$9,704	\$5,589	\$6,304	5.6907	\$0	\$6,304	\$5,589	0.77	
16	Sep-11	Sep-11	Trans	\$715	93,372.20	N/A		7,152.31	0.0766			\$11,705		\$11,705	\$7,152	\$7,867	4.8246	\$0	\$7,867	\$7,152	0.77	
16	Oct-11	Oct-11	Trans	\$715	186,306.47	N/A		14,271.08	0.0766			7,657.20		\$22,643	\$14,271	\$14,986	4.7123	\$0	\$14,986	\$14,271	0.77	
16	Nov-11	Nov-11	Trans	\$715	286,746.60	N/A		21,964.79	0.0766			17,785.29		\$34,465	\$21,965	\$22,680	4.8079	\$0	\$22,680	\$21,965	0.77	
16	Dec-11	Dec-11	Trans	\$715	376,841.23	N/A		28,866.04	0.0766			15,488.17		\$45,069	\$28,866	\$29,581	6.7967	\$0	\$29,581	\$28,866	0.77	
16	Jan-12	Jan-12	Sales	\$715	324,552.24	(37789.04)		24,860.70	0.0766			12,462.81	0.83	\$250	(\$12,928)	(\$12,213)	6.7388	(\$37,789)	\$25,576	\$24,861	0.77	curtailment adjustment for Jan 12
16	Feb-12	Feb-12	Sales	\$715	365,579.41	(42758.61)		28,003.38	0.0766			14,038.25	0.83	(\$1)	(\$14,755)	(\$14,040)	5.1630	(\$42,759)	\$28,718	\$28,003	0.77	
16	Feb-12	Feb-12	Sales		10.00	28.71								\$29	\$29	\$29	0.0000	\$29	\$0	\$0	0.00	curtailment
16	Mar-12	Mar-12	Trans	\$715	330,063.42	N/A		25,282.86	0.0766			12,674.44	3.96	\$38,676	\$25,283	\$25,998	3.3691	\$0	\$25,998	\$25,283	0.77	
16	Apr-12	Apr-12	Trans	\$715	255,052.37	N/A		19,537.01	0.0766			9,794.01	1.17	\$30,047	\$19,537	\$20,252	2.8594	\$0	\$20,252	\$19,537	0.77	
16	May-12	May-12	Trans	\$715	156,118.85	N/A		11,958.70	0.0766			5,994.96	0.83	\$18,669	\$11,959	\$12,674	2.4957	\$0	\$12,674	\$11,959	0.77	
16	Jun-12	Jun-12	Trans	\$715	106,372.88	N/A		8,148.16	0.0766			4,084.72	234.20	\$13,182	\$8,148	\$8,863	3.2566	\$0	\$8,863	\$8,148	0.77	
17	Jul-11	Jul-11	Trans	\$485	21,973.51	N/A		1,353.57	0.0616			329.60		\$2,168	\$1,354	\$1,839	5.5102	\$0	\$1,839	\$1,354	0.62	
17	Aug-11	Aug-11	Trans	\$485	34,981.80	N/A		2,154.88	0.0616			1,437.75		\$4,078	\$2,155	\$2,640	5.6907	\$0	\$2,640	\$2,155	0.62	
17	Sep-11	Sep-11	Trans	\$485	47,336.34	N/A		2,915.92	0.0616			1,945.52		\$5,346	\$2,916	\$3,401	4.8246	\$0	\$3,401	\$2,916	0.62	
17	Oct-11	Oct-11	Trans	\$485	59,448.22	N/A		3,662.01	0.0616			2,443.32		\$6,590	\$3,662	\$4,147	4.7123	\$0	\$4,147	\$3,662	0.62	
17	Nov-11	Nov-11	Trans	\$485	57,512.02	N/A		3,542.74	0.0616			\$6,391		\$3,543	\$4,028	\$4,8079		\$0	\$4,028	\$3,543	0.62	
17	Dec-11	Dec-11	Trans	\$485	34,443.53	N/A		2,121.72	0.0616			\$4,022		\$2,122	\$2,607	6.7967		\$0	\$2,607	\$2,122	0.62	
17	Jan-12	Jan-12	Sales	\$485	11,544.01	(611.89)		711.11	0.0616			\$1,028	0.83	\$1,669	\$59	\$59	6.7388	(\$612)	\$1,196	\$711	0.62	Adj for Jan 12 gas charges & curtailment
17	Jan-12	Jan-12	Sales			1668.83								\$1,669	\$1,669	\$1,669	6.7388	\$0	\$1,669	\$0	0.00	Adj for Jan 12 cancel/rebill
17	Feb-12	Feb-12	Trans	\$485	2,964.95	N/A		182.64	0.0616			113.85	0.83	\$782	\$183	\$668	5.1630	\$0	\$668	\$183	0.62	
17	Mar-12	Mar-12	Trans	\$485	20,086.07	N/A		1,237.30	0.0616			771.30	0.83	\$2,494	\$1,237	\$1,722	3.3691	\$0	\$1,722	\$1,237	0.62	
17	Apr-12	Apr-12	Trans	\$485	48,846.17	N/A		3,008.92	0.0616			1,875.69	32.01	\$5,402	\$3,009	\$3,494	2.8594	\$0	\$3,494	\$3,009	0.62	
17	May-12	May-12	Trans	\$485	34,427.25	N/A		2,120.72	0.0616			1,322.01	32.01	\$3,960	\$2,121	\$2,606	2.4957	\$0	\$2,606	\$2,121	0.62	
17	Jun-12	Jun-12	Trans	\$485	20,913.40	N/A		1,288.27	0.0616			803.07	0.83	\$2,577	\$1,288	\$1,773	3.2566	\$0	\$1,773	\$1,288	0.62	
19	Jul-11	Jul-11	Trans	\$715	30,507.95	N/A		1,879.29	0.0616			457.62		\$3,052	\$1,879	\$2,594	5.5102	\$0	\$2,594	\$1,879	0.62	
19	Aug-11	Aug-11	Trans	\$715	53,267.89	N/A		3,281.30	0.0616			2,189.31		\$6,186	\$3,281	\$3,996	5.6907	\$0	\$3,996	\$3,281	0.62	
19	Sep-11	Sep-11	Trans	\$715	56,336.44	N/A		3,470.32	0.0616			2,315.43		\$6,501	\$3,470	\$4,185	4.8246	\$0	\$4,185	\$3,470	0.62	
19	Oct-11	Oct-11	Trans	\$715	97,513.02	N/A		6,006.80	0.0616			4,007.79		\$10,730	\$6,007	\$6,722	4.7123	\$0	\$6,722	\$6,007	0.62	
19	Nov-11	Nov-11	Trans	\$715	133,548.01	N/A		8,226.56	0.0616			5,488.82		\$14,430	\$8,227	\$8,942	4.8079	\$0	\$8,942	\$8,227	0.62	
19	Dec-11	Dec-11	Trans	\$715	28,119.25	N/A		1,732.15	0.0616			1,155.70		\$3,603	\$1,732	\$2,447	6.7967	\$0	\$2,447	\$1,732	0.62	
19	Jan-12	Jan-12	Trans	\$715	0.00	N/A		0.00	0.0616			0.00	0.83	\$716	\$0	\$715	6.7388	\$0	\$715	\$0	0.00	
19	Feb-12	Feb-12	Trans	\$715	0.00	N/A		0.00				80.08		\$795	\$0	\$715	5.1630	\$0	\$715	\$0	0.00	Adj for Jan 12 gas charges
19	Mar-12	Mar-12	Trans	\$715	3,913.90	N/A		241.10	0.0616			150.29	27.04	\$1,133	\$241	\$956	3.3691	\$0	\$956	\$241	0.62	
19	Apr-12	Apr-12	Trans	\$715	39,466.58	N/A		2,431.14	0.0616			1,515.52	0.83	\$4,662	\$2,431	\$3,146	2.8594	\$0	\$3,146	\$2,431	0.62	
19	May-12	May-12	Trans	\$715	25,410.98	N/A		1,559.78	0.0616			\$1,359.78		\$4,297	\$2,181	\$2,896	2.4957	\$0	\$2,896	\$2,181	0.62	
19	Jun-12	Jun-12	Trans	\$715	76,788.10	N/A		4,730.15	0.0616			2,948.66	27.03	\$9,421	\$4,730	\$5,445	3.2566	\$0	\$5,445	\$4,730	0.62	
20	Jul-11	Jul-11	Trans	\$715	30,776.27	N/A		1,895.82	0.0616		4.75	461.64	(1.73)	\$3,075	\$1,896	\$2,611	5.5102	\$0	\$2,611	\$1,896	0.62	
20	Aug-11	Aug-11	Trans	\$715	35,243.94	N/A		2,171.03	0.0616		6.71	1,448.53		\$4,341	\$2,171	\$2,886	5.6907	\$0	\$2,886	\$2,171	0.62	
20	Sep-11	Sep-11	Trans	\$715	35,268.65	N/A		2,172.55	0.0616		6.71	1,449.54		\$4,344	\$2,173	\$2,888	4.8246	\$0	\$2,888	\$2,173	0.62	
20	Oct-11	Oct-11	Trans	\$715	11,400.53	N/A		702.27	0.0616			2.92		\$1,889	\$702	\$1,417	4.7123	\$0	\$1,417	\$702	0.62	
20	Nov-11	Nov-11	Trans	\$715	27,246.30	N/A		1,678.37	0.0616			5.44	1,119.82	\$3,519	\$1,678	\$2,393	4.8079	\$0	\$2,393	\$1,678	0.62	
20	Dec-11	Dec-11	Trans	\$715	55,970.46	N/A		3,447.78	0.0616		10.00	2,300.39		\$6,473	\$3,448	\$4,163	6.7967	\$0	\$4,163	\$3,448	0.62	
20	Jan-12	Jan-12	Sales	\$715	65,156.46	9221.68		4,013.64	0.0616		37.35	2,502.01	0.83	\$16,491	\$13,235	\$13,950	6.7388	\$9,222	\$4,729	\$4,014	0.62	curtailment adj for Jan 12 & cancelled gas costs
20	Feb-12	Feb-12	Trans	\$715	43,946.36	N/A		2,707.10	0.0616		7.90	1,687.54	0.83	\$5,118	\$2,707	\$3,422	5.1630	\$0	\$3,422	\$2,707	0.62	curtailment adj for Jan 12 & cancelled gas costs
20	Mar-12	Mar-12	Trans	\$715	54,830.50	N/A		3,377.56	0.0616		9.59	2,105.49	0.83	\$6,208	\$3,378	\$4,093	3.3691	\$0	\$4,093	\$3,378	0.62	
20	Apr-12	Apr-12	Trans	\$715	46,458.40	N/A		2,861.84	0.0616		8.29	1,784.00	0.83	\$5,370	\$2,862	\$3,577	2.8594	\$0	\$3,577	\$2,862	0.62	
20	May-12	May-12	Trans	\$715	47,420.44	N/A		2,921.10	0.0616		8.44	1,820.94	0.83	\$5,466	\$2,921	\$3,636	2.4957	\$0	\$3,636	\$2,921	0.62	
20	Jun-12	Jun-12	Trans	\$715	22,593.75	N/A		1,391.78	0.0616		4.60	867.60	0.83	\$2,980	\$1,392	\$2,107	3.2566	\$0	\$2,107	\$1,392	0.62	
21	Jul-11	Jul-11	Sales	\$405	51,415.42	28330.92	0.5510	3,167.19	0.0616		1,010.54	771.23	(3.60)	\$33,681	\$31,498	\$31,903	5.5102	\$28,331	\$3,572	\$3,167	0.62	
21	Aug-11	Aug-11	Sales	\$405	52,486.57	29868.53	0.5691	3,233.17	0.0616		1,103.01	2,157.20		\$36,767	\$33,102	\$33,507	5.6907	\$29,869	\$3,638	\$3,233	0.62	
21	Sep-11	Sep-11	Sales	\$405	54,471.67	26280.40	0.4825	3,355.45	0.0616		998.34	2,238.79		\$33,278	\$29,636	\$30,041	4.8246	\$26,280	\$3,760	\$3,355	0.62	
21	Oct-11	Oct-11	Sales	\$405	67,464.55	31791.32	0.4712	4,155.82	0.0616		1,210.06	2,772.78		\$40,335	\$35,947	\$36,352	4.7123	\$31,791	\$4,561	\$4,156	0.62	
21	Nov-11	Nov-11	Sales	\$405	77,462.51	37243.20	0.4808	4,771.69	0.0616		1,410.43	3,183.71		\$47,014	\$42,015	\$42,420	4.8079	\$37,243	\$5,177	\$4,772	0.62	
21	Dec-11	Dec-11	Sales	\$405	94,446.00	64192.11	0.6797	5,817.87	0.0616		2,297.83	3,881.73		\$76,595	\$70,010	\$70,415	6.7967	\$64,192	\$6,223	\$5,818	0.62	
24	Jul-11	Jul-11	Trans	\$715	0.00	N/A		0.00	0.1923		22.11	0.00	81.48	\$819	\$0	\$715	5.5102	\$0	\$715	\$0	0.00	
24	Aug-11	Aug-11	Trans	\$715	0.00	N/A		0.00	0.1923		22.11	0.00	91.85	\$829	\$0	\$715	5.6907	\$0	\$715	\$0	0.00	
24	Sep-11	Sep-11	Trans	\$715	0.00	N/A		0.00	0.1923		22.11	0.00	138.15	\$875	\$0	\$715	4.8246	\$0	\$715	\$0	0.00	
24	Oct-11	Oct-11	Trans	\$715	0.00	N/A		0.00	0.1923		22.11	0.00	56.05									



Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	cust. Charge (2)	volume (therms) (3)	commodity charge (4)	commodity rate (per therm) (5)	distrib charge (6)	distrib rate (7)	taxes (8)	GET (9)	Energy Efficiency Surcharge	other charges	total revenue	net revenue for margin	net revenue including cust. service charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Margin for customer level calc	Margin per Dth	Comment
25	Mar-12	Mar-12	Trans	\$485	56,570.24	N/A		3,484.73	0.0616		189.99	2,172.30	94.38	\$6,426	\$3,485	\$3,970	3.3691	\$0	\$3,970	\$3,485	0.62	
25	Apr-12	Apr-12	Trans	\$485	48,714.72	N/A		3,000.83	0.0616		165.69	1,870.65	39.64	\$5,562	\$3,001	\$3,486	2.8594	\$0	\$3,486	\$3,001	0.62	
25	May-12	May-12	Trans	\$485	42,057.29	N/A		2,590.73	0.0616		145.10	1,615.00	94.35	\$4,930	\$2,591	\$3,076	2.4957	\$0	\$3,076	\$2,591	0.62	
25	Jun-12	Jun-12	Trans	\$495	37,402.09	N/A		2,303.97	0.0616		130.70	1,436.24	155.98	\$4,512	\$2,304	\$2,789	3.2566	\$0	\$2,789	\$2,304	0.62	
28	Jul-11	Jul-11	Sales	\$625	49,362.52	27199.74	0.5510	3,040.73	0.0616			740.44		\$31,606	\$30,240	\$30,865	5.5102	\$27,200	\$3,666	\$3,041	0.62	
28	Aug-11	Aug-11	Sales	\$625	53,246.30	30300.87	0.5691	3,279.97	0.0616			2,188.42		\$36,394	\$33,581	\$34,206	5.6907	\$30,301	\$3,905	\$3,280	0.62	
28	Sep-11	Sep-11	Sales	\$625	46,842.87	22599.81	0.4825	2,885.52	0.0616			1,925.24		\$28,036	\$25,485	\$26,110	4.8246	\$22,600	\$3,511	\$2,886	0.62	
28	Oct-11	Oct-11	Sales	\$625	55,769.00	26280.03	0.4712	3,435.37	0.0616			2,292.11		\$32,633	\$29,715	\$30,340	4.7123	\$26,280	\$4,060	\$3,435	0.62	
28	Nov-11	Nov-11	Sales	\$625	88,292.23	42450.02	0.4808	5,438.80	0.0616			3,628.81		\$52,143	\$47,889	\$48,514	4.8079	\$42,450	\$6,064	\$5,439	0.62	
28	Dec-11	Dec-11	Sales	\$625	48,622.30	33047.12	0.6797	2,995.13	0.0616			1,998.38		\$38,666	\$36,042	\$36,667	6.7967	\$33,047	\$3,620	\$2,995	0.62	
28	Jan-12	Jan-12	Sales	\$625	4,681.07	3154.48	0.6739	288.35	0.0616			179.75	0.83	\$4,248	\$3,443	\$4,068	6.7388	\$3,154	\$913	\$288	0.62	
28	Feb-12	Feb-12	Sales	\$625	2,677.39	1382.34	0.5163	164.93	0.0616			102.81	0.83	\$2,276	\$1,547	\$2,172	5.1630	\$1,382	\$790	\$165	0.62	
28	Mar-12	Mar-12	Sales	\$625	0.00	0.00		0.00					0.83	\$626	\$0	\$625	3.3691	\$0	\$625	\$0	0.00	
28	Apr-12	Apr-12	Sales	\$625	19,497.60	5575.14	0.2859	1,201.05	0.0616			748.71	0.83	\$8,151	\$6,776	\$7,401	2.8594	\$5,575	\$1,826	\$1,201	0.62	
28	May-12	May-12	Sales	\$625	41,921.46	10462.34	0.2496	2,582.36	0.0616			1,609.78	0.83	\$15,280	\$13,045	\$13,670	2.4957	\$10,462	\$3,207	\$2,582	0.62	
28	Jun-12	Jun-12	Sales	\$625	43,128.48	14045.22	0.3257	2,656.71	0.0616			1,656.13	0.83	\$18,984	\$16,702	\$17,327	3.2566	\$14,045	\$3,282	\$2,657	0.62	
29	Jul-11	Jul-11	Sales	\$625	42,786.39	23576.16	0.5510	2,635.64	0.0616			641.80		\$27,479	\$26,212	\$26,837	5.5102	\$23,576	\$3,261	\$2,636	0.62	
29	Aug-11	Aug-11	Sales	\$625	27,789.92	15814.41	0.5691	1,711.86	0.0616			1,142.17		\$19,293	\$17,526	\$18,151	5.6907	\$15,814	\$2,337	\$1,712	0.62	
29	Sep-11	Sep-11	Sales	\$625	48,125.83	23218.79	0.4825	2,964.55	0.0616	#####	890.30	1,977.97		\$31,754	\$26,183	\$26,808	4.8246	\$23,219	\$3,590	\$2,965	0.62	
29	Oct-11	Oct-11	Sales	\$625	19,772.55	9317.42	0.4712	1,217.99	0.0616	864.03	370.30	612.65		\$13,207	\$10,535	\$11,160	4.7123	\$9,317	\$1,843	\$1,218	0.62	
29	Nov-11	Nov-11	Sales	\$625	22,084.62	10618.06	0.4808	1,360.41	0.0616	975.02	417.86	907.68		\$14,604	\$11,978	\$12,603	4.8079	\$10,618	\$1,985	\$1,360	0.62	
29	Dec-11	Dec-11	Sales	\$625	9,991.67	6791.04	0.6797	615.49	0.0616	609.23	261.10	410.66		\$9,313	\$7,407	\$8,032	6.7967	\$6,791	\$1,240	\$615	0.62	
29	Jan-12	Jan-12	Sales	\$625	0.00	0.00		0.00		45.16	19.36	0.00	0.83	\$690	\$0	\$625	6.7388	\$0	\$625	\$0	0.00	
29	Feb-12	Feb-12	Sales	\$625	0.00	0.00		0.00		45.16	19.36	0.00	0.83	\$690	\$0	\$625	5.1630	\$0	\$625	\$0	0.00	
29	Mar-12	Mar-12	Sales	\$625	135.56	45.67	0.3369	8.35	0.0616	49.44	21.18	5.21	0.83	\$756	\$54	\$679	3.3691	\$46	\$633	\$8	0.62	
29	Apr-12	Apr-12	Sales	\$625	7,042.14	2013.63	0.2859	433.80	0.0616	241.29	103.42	270.42	0.83	\$3,688	\$2,447	\$3,072	2.8594	\$2,014	\$1,059	\$434	0.62	
29	May-12	May-12	Sales	\$625	21,872.42	5458.70	0.2496	1,347.34	0.0616		255.83	839.90	0.83	\$8,528	\$6,806	\$7,431	2.4957	\$5,459	\$1,972	\$1,347	0.62	
29	Jun-12	Jun-12	Sales	\$625	85,778.47	27934.62	0.3257	5,283.95	0.0616		1,148.61	3,293.89	0.83	\$38,287	\$33,219	\$33,844	3.2566	\$27,935	\$5,909	\$5,284	0.62	
33	Jul-11	Jul-11	Sales	\$405	0.00	0.00	0.5510	0.00	0.1923		0.63	0.00		\$406	(\$0)	\$405	5.5102	\$0	\$405	(\$0)	0.00	
33	Aug-11	Aug-11	Sales	\$405	0.00	0.00	0.5691	0.00	0.1923		0.63	0.00		\$406	(\$0)	\$405	5.6907	\$0	\$405	(\$0)	0.00	
33	Sep-11	Sep-11	Sales	\$405	0.00	0.00	0.4825	0.00	0.1923		0.63	0.00		\$406	(\$0)	\$405	4.8246	\$0	\$405	(\$0)	0.00	
33	Oct-11	Oct-11	Sales	\$405	0.00	0.00	0.4712	0.00	0.1923		0.63	0.00		\$406	(\$0)	\$405	4.7123	\$0	\$405	(\$0)	0.00	
33	Nov-11	Nov-11	Sales	\$405	596.69	286.88	0.4808	114.74	0.1923		1.29	24.52		\$832	\$402	\$807	4.8079	\$287	\$520	\$115	1.92	
33	Dec-11	Dec-11	Sales	\$405	13,005.94	8839.75	0.6797	2,501.04	0.1923		19.00	534.54		\$12,299	\$11,341	\$11,746	6.7967	\$8,840	\$2,906	\$2,501	1.92	
33	Jan-12	Jan-12	Sales	\$405	8,524.94	(2408.90)	0.6739	1,639.35	0.1923		36.36	327.36	(152.91)	\$6,224	(\$770)	(\$365)	6.7388	(\$2,409)	\$2,044	\$1,639	1.92	curtailment adj for Jan 12 & cancelled gas costs
33	Feb-12	Feb-12	Sales	\$405	7,776.44	4014.98	0.5163	1,495.41	0.1923		9.61	298.62	0.83	\$6,224	\$5,915	\$5,915	5.1630	\$4,015	\$1,900	\$1,495	1.92	curtailment adj for Jan 12 & cancelled gas costs
33	Mar-12	Mar-12	Sales	\$405	4,001.19	1348.01	0.3369	769.43	0.1923		4.13	153.25	0.83	\$2,581	\$2,117	\$2,529	3.3691	\$1,348	\$769	\$134	1.92	
33	Apr-12	Apr-12	Sales	\$405	0.00	0.00		0.00		29.29	12.55	0.00	1.08	\$448	\$0	\$405	2.8594	\$0	\$405	\$0	0.00	
33	May-12	May-12	Sales	\$405	0.00	0.00		0.00		29.29	12.55	0.00	0.83	\$448	\$0	\$405	2.4957	\$0	\$405	\$0	0.00	
33	Jun-12	Jun-12	Sales	\$405	0.00	0.00		0.00		29.29	12.55	0.00	0.83	\$448	\$0	\$405	3.2566	\$0	\$405	\$0	0.00	
36	Jul-11	Jul-11	Trans	\$715	77,417.66	N/A		4,788.93	0.0616		205.52	1,161.26	(345.61)	\$6,505	\$4,769	\$5,484	5.5102	\$0	\$5,484	\$4,769	0.62	
36	Aug-11	Aug-11	Trans	\$715	41,384.20	N/A		2,549.27	0.0616		153.55	1,700.89		\$5,119	\$2,549	\$3,264	5.6907	\$0	\$3,264	\$2,549	0.62	
36	Sep-11	Sep-11	Trans	\$715	64,849.31	N/A		3,994.72	0.0616		228.09	2,665.31		\$7,603	\$3,995	\$4,710	4.8246	\$0	\$4,710	\$3,995	0.62	
36	Oct-11	Oct-11	Trans	\$715	63,150.04	N/A		3,890.04	0.0616		222.69	2,595.47		\$7,423	\$3,890	\$4,605	4.7123	\$0	\$4,605	\$3,890	0.62	
36	Nov-11	Nov-11	Trans	\$715	85,611.76	N/A		5,273.68	0.0616		294.03	3,518.64		\$9,801	\$5,274	\$5,989	4.8079	\$0	\$5,989	\$5,274	0.62	
36	Dec-11	Dec-11	Trans	\$715	115,379.31	N/A		7,107.37	0.0616		388.59	4,742.09		\$12,953	\$7,107	\$7,822	6.7967	\$0	\$7,822	\$7,107	0.62	
36	Jan-12	Jan-12	Trans	\$715	83,588.56	N/A		5,149.06	0.0616		280.66	3,209.80	0.83	\$9,355	\$5,149	\$5,864	6.7388	\$0	\$5,864	\$5,149	0.62	
36	Feb-12	Feb-12	Trans	\$715	100,256.77	N/A		6,175.82	0.0616		332.21	3,849.86	162.74	\$11,236	\$6,176	\$6,891	5.1630	\$0	\$6,891	\$6,176	0.62	
36	Mar-12	Mar-12	Trans	\$715	90,118.22	N/A		5,551.28	0.0616		300.85	3,460.54		\$10,029	\$5,551	\$6,266	3.3691	\$0	\$6,266	\$5,551	0.62	
36	Apr-12	Apr-12	Trans	\$715	64,433.98	N/A		3,969.13	0.0616		221.42	2,474.26	0.83	\$7,381	\$3,969	\$4,684	2.8594	\$0	\$4,684	\$3,969	0.62	
36	May-12	May-12	Trans	\$715	52,138.40	N/A		3,211.73	0.0616		183.39	2,002.11	0.83	\$6,113	\$3,212	\$3,927	2.4957	\$0	\$3,927	\$3,212	0.62	
36	Jun-12	Jun-12	Trans	\$715	54,580.22	N/A		3,362.14	0.0616		190.94	2,095.88	77.24	\$6,441	\$3,362	\$4,077	3.2566	\$0	\$4,077	\$3,362	0.62	
38	Jul-11	Jul-11	Trans	\$715	17,740.19	N/A		1,358.90	0.0766		72.37	266.10	(3.68)	\$2,409	\$1,359	\$2,074	5.5102	\$0	\$2,074	\$1,359	0.77	
38	Aug-11	Aug-11	Trans	\$715	19,143.42	N/A		1,466.39	0.0766		91.79	786.79		\$3,060	\$1,466	\$2,181	5.6907	\$0	\$2,181	\$1,466	0.77	
38	Sep-11	Sep-11	Trans	\$715	18,199.70	N/A		1,394.10	0.0766		88.36	748.01		\$2,945	\$1,394	\$2,109	4.8246	\$0	\$2,109	\$1,394	0.77	
38	Oct-11	Oct-11	Trans	\$715	48,213.20	N/A		3,693.13	0.0766		197.62	1,981.56		\$6,587	\$3,693	\$4,408	4.7123	\$0	\$4,408	\$3,693	0.77	
38	Nov-11	Nov-11	Trans	\$715	88,631.14	N/A		6,789.15	0.0766		344.74	3,642.74		\$11,492	\$6,789	\$7,504	4.8079	\$0	\$7,504	\$6,789	0.77	
38	Dec-11	Dec-11	Trans	\$715	110,522.65	N/A		8,466.03	0.0766		424.44	4,542.48		\$14,148	\$8,466	\$9,181	6.79					

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	cust. Charge (2)	volume (therms) (3)	commodity charge (4)	commodity rate (per therm) (5)	distrib charge (6)	distrib rate (7)	taxes (8)	GET (9)	Energy	other	total revenue	net revenue for margin	net revenue including cust. service charge	Gas Cost per Dth	Total Gas Cost	Total Margin	Margin for			
												Efficiency Surcharge								charges	customer level calc	Margin per Dth	Comment
54	Oct-11	Oct-11	Sales	\$405	0.00	0.00	0.4712	0.00	0.1923			0.63	0.00	\$406	(\$0)	\$405	4.7123	\$0	\$405	(\$0)	0.00		
54	Nov-11	Nov-11	Sales	\$405	0.00	0.00	0.4808	0.00	0.1923			0.63	0.00	\$406	(\$0)	\$405	4.8079	\$0	\$405	(\$0)	0.00		
54	Dec-11	Dec-11	Sales	\$405	0.00	0.00	0.6797	0.00	0.1923			0.63	0.00	\$406	(\$0)	\$405	6.7967	\$0	\$405	(\$0)	0.00		
54	Jan-12	Jan-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	6.7388	\$0	\$405	(\$0)	0.00	
54	Feb-12	Feb-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	5.1630	\$0	\$405	(\$0)	0.00	
54	Mar-12	Mar-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	3.3691	\$0	\$405	(\$0)	0.00	
54	Apr-12	Apr-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	2.8594	\$0	\$405	(\$0)	0.00	
54	May-12	May-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	2.4957	\$0	\$405	(\$0)	0.00	
54	Jun-12	Jun-12	Sales	\$405	0.00	0.00		0.00				0.63	0.00	0.83	\$406	(\$0)	\$405	3.2566	\$0	\$405	(\$0)	0.00	
55	Jul-11	Jul-11	Trans	\$715	12,820.19	N/A		789.72	0.0616			2.63	192.30	(3.43)	\$1,696	\$790	\$1,505	5.5102	\$0	\$1,505	\$790	0.62	
55	Aug-11	Aug-11	Trans	\$715	16,619.67	N/A		1,023.77	0.0616			3.75	683.07		\$2,426	\$1,024	\$1,739	5.6907	\$0	\$1,739	\$1,024	0.62	
55	Sep-11	Sep-11	Trans	\$715	12,768.78	N/A		786.56	0.0616			3.14	524.80		\$2,030	\$787	\$1,502	4.8246	\$0	\$1,502	\$787	0.62	
55	Oct-11	Oct-11	Trans	\$715	24,021.28	N/A		1,479.71	0.0616			4.93	987.27		\$3,187	\$1,480	\$2,195	4.7123	\$0	\$2,195	\$1,480	0.62	
55	Nov-11	Nov-11	Trans	\$715	16,624.04	N/A		1,024.04	0.0616			3.75	683.25		\$2,426	\$1,024	\$1,739	4.8079	\$0	\$1,739	\$1,024	0.62	
55	Dec-11	Dec-11	Trans	\$715	10,684.89	N/A		658.19	0.0616			2.81	439.15		\$1,815	\$658	\$1,373	6.7967	\$0	\$1,373	\$658	0.62	
55	Jan-12	Jan-12	Sales	\$715	19,658.85	16180.65		1,210.99	0.0616			34.01	754.90	0.83	\$18,896	\$17,392	\$18,107	6.7388	\$16,181	\$1,926	\$1,211	0.62	curtailment adj for Jan 12 & cancelled gas costs
55	Feb-12	Feb-12	Trans	\$715	26,297.36	N/A		1,619.92	0.0616			5.17	1,009.82	0.83	\$3,351	\$1,620	\$2,335	5.1630	\$0	\$2,335	\$1,620	0.62	curtailment adj for Jan 12 & cancelled gas costs
55	Mar-12	Mar-12	Trans	\$715	12,913.50	N/A		795.47	0.0616			3.10	495.88	0.83	\$2,010	\$795	\$1,510	3.3691	\$0	\$1,510	\$795	0.62	
55	Apr-12	Apr-12	Trans	\$715	13,653.97	N/A		841.08	0.0616			3.22	524.31	97.96	\$2,182	\$841	\$1,556	2.8594	\$0	\$1,556	\$841	0.62	
55	May-12	May-12	Trans	\$715	9,966.89	N/A		613.96	0.0616			2.65	382.73	0.83	\$1,715	\$614	\$1,329	2.4957	\$0	\$1,329	\$614	0.62	
55	Jun-12	Jun-12	Trans	\$715	9,659.22	N/A		595.01	0.0616			2.60	370.91	22.27	\$1,706	\$595	\$1,310	3.2566	\$0	\$1,310	\$595	0.62	
67	Jul-11	Jul-11	Trans		354,094.60	N/A		3,445.34	0.0097					\$3,445	\$3,445	\$3,445	5.5102	\$0	\$3,445	\$3,445	0.10		
67	Aug-11	Aug-11	Trans		164,336.08	N/A		1,588.99	0.0097					\$1,599	\$1,599	\$1,599	5.6907	\$0	\$1,599	\$1,599	0.10		
67	Sep-11	Sep-11	Trans		223,281.60	N/A		2,172.53	0.0097					\$2,173	\$2,173	\$2,173	4.8246	\$0	\$2,173	\$2,173	0.10		
67	Oct-11	Oct-11	Trans		181,956.00	N/A		1,770.43	0.0097					\$1,770	\$1,770	\$1,770	4.7123	\$0	\$1,770	\$1,770	0.10		
67	Nov-11	Nov-11	Trans		143,728.65	N/A		1,399.92	0.0097					\$1,400	\$1,400	\$1,400	4.8079	\$0	\$1,400	\$1,400	0.10		
67	Dec-11	Dec-11	Trans		60,274.63	N/A		587.07	0.0097					\$587	\$587	\$587	6.7967	\$0	\$587	\$587	0.10		
67	Jan-12	Jan-12	Trans		3,221.70	N/A		313.79	0.0974				0.83	\$315	\$314	\$314	6.7388	\$0	\$314	\$314	0.97		
67	Feb-12	Mar-12	Trans	\$715	15,096.90	N/A		929.97	0.0616				0.83	\$1,646	\$930	\$1,645	5.1630	\$0	\$1,645	\$930	0.62		
67	Mar-12	Mar-12	Trans	\$715	15,096.90	N/A		929.97	0.0616				0.83	\$1,646	\$930	\$1,645	3.3691	\$0	\$1,645	\$930	0.62		
67	Apr-12	Apr-12	Trans	\$715	149,983.08	N/A		9,238.96	0.0616				0.83	\$9,955	\$9,239	\$9,954	2.8594	\$0	\$9,954	\$9,239	0.62		
67	May-12	May-12	Trans	\$715	21,609.00	N/A		1,331.11	0.0616				0.83	\$2,047	\$1,331	\$2,046	2.4957	\$0	\$2,046	\$1,331	0.62		
67	Jun-12	Jun-12	Trans	\$715		N/A							192.00	\$907	\$0	\$715	3.2566	\$0	\$715	\$0	0.00		
																			\$1,532,924				

**National Grid - RI Gas**  
**Service Quality Performance Factor**  
**Effective November 1, 2012**

Line No.	Description	Reference	
1	Service Quality Penalty		(\$133,935)
2	Throughput		35,387,711 dth
3	SQ Factor - per therm	[[1] / [2]] / [10]	<b>(\$0.0004) per therm</b>
4	SQ Factor - per dth	[3]*10	(\$0.0040) per dth

**National Grid - RI Gas  
Reconciliation Factor  
Effective November 1, 2012**

Reconciliation of Prior Year DAC Factors (All Rate Classes)					
Line No.	Description	Attachment	Page #	Ending Balance	Period
1	System Pressure	NG-MCS-8	Page 3 of 6	\$347,902	Based on Nov 11-Oct 12
2	AGT-DAC	NG-MCS-8	Page 3 of 6	\$54,098	
3	Environmental - DAC	NG-MCS-8	Page 3 of 6	\$13,631	
4	On-System Margin Credits	NG-MCS-8	Page 4 of 6	(\$109,565)	
5	Weather Normalization	NG-MCS-8	Page 4 of 6	(\$527,304)	
6	Previous Reconciliation Factor	NG-MCS-8	Page 4 of 6	(\$50,557)	
7	ARP	NG-MCS-8	Page 5 of 6	\$381,874	
8	CXT-Revenue Requirement	NG-MCS-8	Page 5 of 6	(\$290,921)	
9	Pension	NG-MCS-8	Page 5 of 6	\$419,442	
10	PBOP	NG-MCS-8	Page 5 of 6	\$256,431	
11	True-up	NG-MCS-8	Page 6 of 6	(\$23,376)	
12	Total		sum ( [1]:[11] )	\$471,654	
13	Firm Thru-put		Nov 2012 - Oct 2013	35,387,711	dth
14	Reconciliation Factor		[12] / [13]/10	<b>\$0.0013 per therm</b>	
15	Reconciliation Factor		[14] * 10	\$0.0130	per dth

Reconciliation of Prior year Base Rates (Large & X-Large Only)					
Line No.	Description	Attachment	Page #	Ending Balance	Period
1	AGT Factor - Base Rates	NG-MCS-8	Page 2 of 6	\$4,865	Based on ending balance June 30, 2012
2	LIAP Factor - Base Rates	NG-MCS-8	Page 2 of 6	\$29,013	
3	Environmental - Base Rates	NG-MCS-8	Page 2 of 6	\$21,294	
4	Total		sum ( [1]:[3] )	\$55,173	
5	Firm Thru-put <sup>1</sup>		Nov 2012 - Oct 2013	9,481,555	dth
6	Reconciliation Factor <sup>2</sup>		[4] / [5]/10	<b>\$0.0006 per therm</b>	
7	Reconciliation Factor		[6] * 10	\$0.0060	per dth
<sup>1</sup> The reconciliation of base rate components is not included for Residential/Small/Medium C&I. Refer to: <a href="#">RDM Factor (NG-MCS-10)</a> <sup>2</sup> This rate will be combined with the Reconciliation factor of \$0.0013 per therm to derive an overall Reconciliation factor for the L&XL rate classes of \$0.0019 per therm					

National Grid - RI Gas													
Non-Base Rate / Gas Year Reconciling Components													
		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
	source	30	31	31	29	31	30	31	30	31	31	30	31
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast
DAC Rates \$/dth		\$0.0775	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600	\$0.0600
	Prorated (50%/50%)												
System Pressure	Dkt 4269	\$0.025	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026	\$0.026
Advanced Gas Technology (AGT)	Dkt 4269	\$0.009	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008	\$0.008
Environmental Response Credit (ERC)	Dkt 4269	(\$0.006)	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001
Weather Normalization Factor (WN)	Dkt 4269	\$0.008	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)	(\$0.061)
Reconciliation Factor (R)	Dkt 4269	(\$0.008)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)	(\$0.007)
On System Margin Credit Factor (MC)	Dkt 4269	(\$0.020)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)	(\$0.022)
Pension	Dkt 4269	\$0.066	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071
Post-Retirement Benefits (PBOP)	Dkt 4269	\$0.030	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041	\$0.041
Capital Expenditure Tracker (CAPX)	Dkt 4269	(\$0.060)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)	(\$0.056)
Accelerated Replacement Program (ARP)	Dkt 4269	\$0.034	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059	\$0.059
Revenue Decoupling Mechanism	Dkt 4206	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Earning Sharing Mechanism	Dkt 4269	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Low Income Assistance Programs (LIAP)	Dkt 4269	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Service Quality Performance	Dkt 4269	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
ISR Reconciliation Factor	Dkt 4219	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
RI Firm through-put (dth)	CSR	2,444,380	3,288,323	4,528,185	5,284,970	4,434,912	3,038,478	1,960,277	1,305,809	1,109,199	957,434	1,047,061	1,416,722
Forecasted Throughput	Dkt 4269	2,471,585	4,480,229	6,601,257	6,224,693	5,027,594	3,441,397	2,123,550	1,254,861	1,109,199	957,434	1,047,061	1,416,722
System Pressure Recon Adjust.													
System Pressure Acct Beg. Balance		\$0	\$177	\$17,801	\$239,820	\$218,385	\$158,335	\$151,638	\$171,398	\$213,086	\$247,411	\$285,834	\$321,125
Actual Costs		\$61,287	\$103,110	\$339,616	\$115,747	\$55,058	\$72,144	\$70,556	\$75,441	\$62,920	\$63,034	\$62,203	\$63,257
Actual Collections		\$61,110	\$85,496	\$117,733	\$137,409	\$115,308	\$79,000	\$50,967	\$33,951	\$28,839	\$24,893	\$27,224	\$36,835
Ending Balance		\$177	\$17,791	\$239,683	\$218,158	\$158,136	\$151,479	\$171,227	\$212,888	\$247,166	\$285,551	\$320,813	\$347,547
Average Monthly Balance		\$89	\$8,984	\$128,742	\$228,989	\$188,260	\$154,907	\$161,433	\$192,143	\$230,126	\$266,481	\$303,324	\$334,336
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%
Interest Applied		\$0	\$10	\$137	\$227	\$200	\$159	\$171	\$197	\$244	\$283	\$312	\$355
Sys Pressure End Balance		\$177	\$17,801	\$239,820	\$218,385	\$158,335	\$151,638	\$171,398	\$213,086	\$247,411	\$285,834	\$321,125	\$347,902
Under/(over) Recovery		\$177	\$17,623	\$222,019	(\$21,435)	(\$60,050)	(\$6,697)	\$19,760	\$41,687	\$34,325	\$38,424	\$35,291	\$26,777
AGT Recon Adjustment - DAC													
AGT Acct Beg. Balance		\$300,000	\$279,521	\$253,496	\$217,521	\$175,436	\$140,125	\$115,948	\$100,381	\$90,033	\$81,250	\$73,673	\$65,368
Actual AGT Collections	Calculation	\$20,777	\$26,307	\$36,225	\$42,280	\$35,479	\$24,308	\$15,682	\$10,446	\$8,874	\$7,659	\$8,376	\$11,334
Ending AGT Balance		\$279,223	\$253,214	\$217,271	\$175,241	\$139,957	\$115,817	\$100,266	\$89,935	\$81,159	\$73,591	\$65,297	\$54,034
Average Monthly Balance		\$289,612	\$266,367	\$235,384	\$196,381	\$157,697	\$127,971	\$108,107	\$95,158	\$85,596	\$77,420	\$69,485	\$59,701
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%
Interest Applied		\$298	\$283	\$250	\$195	\$167	\$131	\$115	\$98	\$91	\$82	\$71	\$63
AGT End Balance		\$279,521	\$253,496	\$217,521	\$175,436	\$140,125	\$115,948	\$100,381	\$90,033	\$81,250	\$73,673	\$65,368	\$54,098
Under/(over) Recovery		(\$20,479)	(\$26,024)	(\$35,975)	(\$42,085)	(\$35,312)	(\$24,177)	(\$15,567)	(\$10,348)	(\$8,783)	(\$7,577)	(\$8,305)	(\$11,271)
Environmental Recon. Adjust - DAC													
Environmental Acct Beg. Balance	Pricing	\$27,029	\$41,731	\$38,485	\$33,995	\$28,741	\$24,335	\$21,319	\$19,381	\$18,094	\$17,004	\$16,064	\$15,033
Actual Environmental Collections	Calculation	(\$14,666)	\$3,288	\$4,528	\$5,285	\$4,435	\$3,038	\$1,960	\$1,306	\$1,109	\$957	\$1,047	\$1,417
Ending Environmental Balance		\$41,695	\$38,442	\$33,957	\$28,710	\$24,306	\$21,296	\$19,359	\$18,075	\$16,985	\$16,046	\$15,017	\$13,616
Average Monthly Balance		\$34,362	\$40,086	\$36,221	\$31,353	\$26,524	\$22,615	\$20,339	\$18,728	\$17,540	\$16,525	\$15,540	\$14,324
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%
Interest Applied		\$35	\$43	\$38	\$31	\$28	\$23	\$22	\$19	\$19	\$18	\$16	\$15
Environmental Recon End Balance		\$41,731	\$38,485	\$33,995	\$28,741	\$24,335	\$21,319	\$19,381	\$18,094	\$17,004	\$16,064	\$15,033	\$13,631
Under/(over) Recovery		\$14,702	(\$3,246)	(\$4,490)	(\$5,254)	(\$4,407)	(\$3,015)	(\$1,939)	(\$1,287)	(\$1,091)	(\$940)	(\$1,031)	(\$1,402)

Non-Base Rate / Gas Year Reconciling Components													
		Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31	Apr-12 30	May-12 31	Jun-12 30	Jul-12 31	Aug-12 31	Sep-12 30	Oct-12 31
source		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast
Weather Normalization - DAC											Under (Over) Collection		(527,304)
WNA Acct Beg. Balance	Pricing	(\$2,223,000)	(\$2,244,849)	(\$2,046,538)	(\$1,772,345)	(\$1,451,562)	(\$1,182,430)	(\$998,202)	(\$879,621)	(\$800,830)	(\$733,983)	(\$676,328)	(\$613,119)
Actual WNA Collections	Calculation	\$19,555	(\$200,588)	(\$276,219)	(\$322,383)	(\$270,530)	(\$185,347)	(\$119,577)	(\$79,654)	(\$67,661)	(\$58,403)	(\$63,871)	(\$86,420)
Ending WNA Balance		(\$2,242,555)	(\$2,044,261)	(\$1,770,319)	(\$1,449,962)	(\$1,181,032)	(\$997,082)	(\$878,625)	(\$799,967)	(\$733,169)	(\$675,580)	(\$612,457)	(\$526,699)
Average Monthly Balance		(\$2,232,778)	(\$2,144,555)	(\$1,908,428)	(\$1,611,153)	(\$1,316,297)	(\$1,089,756)	(\$938,414)	(\$839,794)	(\$766,999)	(\$704,781)	(\$644,392)	(\$569,909)
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%
Interest Applied		(\$2,294)	(\$2,277)	(\$2,026)	(\$1,600)	(\$1,397)	(\$1,120)	(\$996)	(\$863)	(\$814)	(\$748)	(\$662)	(\$605)
Weather Normalization End Balance		(\$2,244,849)	(\$2,046,538)	(\$1,772,345)	(\$1,451,562)	(\$1,182,430)	(\$998,202)	(\$879,621)	(\$800,830)	(\$733,983)	(\$676,328)	(\$613,119)	(\$527,304)
Under/(over) Recovery		\$21,849	(\$198,311)	(\$274,193)	(\$320,783)	(\$269,132)	(\$184,228)	(\$118,581)	(\$78,792)	(\$66,847)	(\$57,655)	(\$63,209)	(\$85,815)
Reconciliation Factor - DAC											Under (Over) Collection		(50,557)
Recon Factor Acct Beg. Balance		(\$265,835)	(\$247,766)	(\$224,998)	(\$193,523)	(\$156,702)	(\$125,808)	(\$104,657)	(\$91,039)	(\$81,987)	(\$74,305)	(\$67,679)	(\$60,415)
Actual Recon Collections	Calculation	(\$18,333)	(\$23,018)	(\$31,697)	(\$36,995)	(\$31,044)	(\$21,269)	(\$13,722)	(\$9,141)	(\$7,764)	(\$6,702)	(\$7,329)	(\$9,917)
Ending Recon Balance		(\$247,502)	(\$224,748)	(\$193,301)	(\$156,528)	(\$125,658)	(\$104,538)	(\$90,935)	(\$81,898)	(\$74,222)	(\$67,603)	(\$60,349)	(\$50,498)
Average Monthly Balance		(\$256,669)	(\$236,257)	(\$209,150)	(\$175,026)	(\$141,180)	(\$115,173)	(\$97,796)	(\$86,468)	(\$78,105)	(\$70,954)	(\$64,014)	(\$55,456)
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%
Interest Applied		(\$264)	(\$251)	(\$222)	(\$174)	(\$150)	(\$118)	(\$104)	(\$89)	(\$83)	(\$75)	(\$66)	(\$59)
Reconciliation End Balance		(\$247,766)	(\$224,998)	(\$193,523)	(\$156,702)	(\$125,808)	(\$104,657)	(\$91,039)	(\$81,987)	(\$74,305)	(\$67,679)	(\$60,415)	(\$50,557)
Under/(over) Recovery		(\$18,069)	(\$22,767)	(\$31,475)	(\$36,821)	(\$30,894)	(\$21,151)	(\$13,618)	(\$9,052)	(\$7,681)	(\$6,627)	(\$7,264)	(\$9,858)
On-system Credits Recon. Adjust. - DAC											Under (Over) Collection		(109,565)
On-system Credit Acct Beg. Balance	Pricing	(\$778,043)	(\$729,930)	(\$658,323)	(\$559,349)	(\$443,577)	(\$346,429)	(\$279,904)	(\$237,052)	(\$208,553)	(\$184,359)	(\$163,480)	(\$140,601)
Actual On-system Collections	Calculation	(\$48,888)	(\$72,343)	(\$99,620)	(\$116,269)	(\$97,568)	(\$66,847)	(\$43,126)	(\$28,728)	(\$24,402)	(\$21,064)	(\$23,035)	(\$31,168)
Ending On-system Balance		(\$729,155)	(\$657,587)	(\$558,703)	(\$443,080)	(\$346,009)	(\$279,582)	(\$236,777)	(\$208,324)	(\$184,150)	(\$163,295)	(\$140,444)	(\$109,433)
Average Monthly Balance		(\$753,599)	(\$693,758)	(\$608,513)	(\$501,214)	(\$394,793)	(\$313,005)	(\$258,341)	(\$222,688)	(\$196,352)	(\$173,827)	(\$151,962)	(\$125,017)
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%
Interest Applied		(\$774)	(\$737)	(\$646)	(\$498)	(\$419)	(\$322)	(\$274)	(\$229)	(\$208)	(\$185)	(\$156)	(\$133)
On-system Credit End Balance		(\$729,930)	(\$658,323)	(\$559,349)	(\$443,577)	(\$346,429)	(\$279,904)	(\$237,052)	(\$208,553)	(\$184,359)	(\$163,480)	(\$140,601)	(\$109,565)
Under/(over) Recovery		\$48,113	\$71,607	\$98,974	\$115,772	\$97,149	\$66,525	\$42,852	\$28,499	\$24,194	\$20,879	\$22,879	\$31,035
Pension Adjustment											Under (Over) Collection		419,442
Pen Acct Beg. Balance	Pricing	\$2,578,314	\$2,420,774	\$2,189,749	\$1,870,402	\$1,496,840	\$1,183,383	\$968,757	\$830,531	\$738,625	\$660,614	\$593,301	\$519,531
Actual Pen Collections	Calculation	\$160,107	\$233,471	\$321,501	\$375,233	\$314,879	\$215,732	\$139,180	\$92,712	\$78,753	\$67,978	\$74,341	\$100,587
Ending Pen Balance		\$2,418,207	\$2,187,303	\$1,868,248	\$1,495,169	\$1,181,961	\$967,652	\$829,577	\$737,819	\$659,872	\$592,636	\$518,960	\$418,944
Average Monthly Balance		\$2,498,261	\$2,304,038	\$2,028,998	\$1,682,785	\$1,339,401	\$1,075,517	\$899,167	\$784,175	\$699,248	\$626,625	\$556,131	\$469,238
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%
Interest Applied		\$2,567	\$2,446	\$2,154	\$1,671	\$1,422	\$1,105	\$955	\$806	\$742	\$665	\$571	\$498
Pension Adjustment End Balance		\$2,420,774	\$2,189,749	\$1,870,402	\$1,496,840	\$1,183,383	\$968,757	\$830,531	\$738,625	\$660,614	\$593,301	\$519,531	\$419,442
Under/(over) Recovery		(\$157,540)	(\$231,025)	(\$319,347)	(\$373,562)	(\$313,457)	(\$214,627)	(\$138,225)	(\$91,907)	(\$78,011)	(\$67,313)	(\$73,770)	(\$100,089)
PBOP Adjustment											Under (Over) Collection		256,431
PBOP Acct Beg. Balance	Pricing	\$1,482,590	\$1,411,967	\$1,278,573	\$1,094,176	\$878,472	\$697,476	\$573,551	\$493,746	\$440,688	\$395,654	\$356,799	\$314,214
Actual PBOP Collections	Calculation	\$72,109	\$134,821	\$185,656	\$216,684	\$181,831	\$124,578	\$80,371	\$53,538	\$45,477	\$39,255	\$42,930	\$58,086
Ending PBOP Balance		\$1,410,481	\$1,277,146	\$1,092,918	\$877,493	\$696,640	\$572,899	\$493,180	\$440,208	\$395,211	\$356,400	\$313,869	\$256,128
Average Monthly Balance		\$1,446,535	\$1,344,556	\$1,185,745	\$985,834	\$787,556	\$635,188	\$533,366	\$466,977	\$417,949	\$376,027	\$335,334	\$285,171
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%
Interest Applied		\$1,486	\$1,427	\$1,259	\$979	\$836	\$653	\$566	\$480	\$444	\$399	\$345	\$303
PBOP Adjustment End Balance		\$1,411,967	\$1,278,573	\$1,094,176	\$878,472	\$697,476	\$573,551	\$493,746	\$440,688	\$395,654	\$356,799	\$314,214	\$256,431
Under/(over) Recovery		(\$70,623)	(\$133,394)	(\$184,397)	(\$215,705)	(\$180,995)	(\$123,925)	(\$79,805)	(\$53,058)	(\$45,033)	(\$38,856)	(\$42,585)	(\$57,783)

Total Under (Over) Collections	495,031
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National Grid - RI Gas														
Base Rate / Fiscal Year Reconciling Components														
		Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	12 month End
	Source	31 actual	32 actual	30 actual	31 actual	30 actual	31 actual	31 actual	29 actual	31 actual	30 actual	31 actual	30 actual	
DAC FACTORS: \$/dth														
AGT Factor - Base Rates	Dkt 3943	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	\$0.0083	
LIAP Factor - Base Rates	Dkt 3943	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	\$0.0495	
Environmental - Base Rates	Dkt 3943	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	\$0.0363	
Actual RI Firm L-XL Firm through-put (dth)	CSR	466,795	516,862	495,305	546,820	842,028	931,095	1,058,674	1,396,746	1,068,200	803,066	613,622	522,427	9,261,639
AGT Recon. Adjustment - Base Rates L-XL														
AGT Recon. Acct Beg. Bal.		\$0	\$319	\$266	\$683	\$1,212	\$965	\$2,190	\$3,622	\$2,135	\$3,106	\$4,054	\$4,609	
Fcst Firm Through-put L-XL (from Dkt 3943)		505,120	510,514	545,408	610,245	812,193	1,078,212	1,230,624	1,217,782	1,184,720	916,724	680,130	553,013	9,844,682
Fcst AGT Collections		\$4,202	\$4,246	\$4,537	\$5,076	\$6,756	\$8,969	\$10,236	\$10,130	\$9,855	\$7,625	\$5,657	\$4,600	81,889
Actual Firm Through-put L-XL		466,795	516,862	495,305	546,820	842,028	931,095	1,058,674	1,396,746	1,068,200	803,066	613,622	522,427	9,261,639
Actual AGT Collections		\$3,883	\$4,299	\$4,120	\$4,548	\$7,004	\$7,745	\$8,806	\$11,618	\$8,885	\$6,680	\$5,104	\$4,346	77,038
Collection Variance		\$319	(\$53)	\$417	\$528	(\$248)	\$1,224	\$1,430	(\$1,488)	\$970	\$945	\$553	\$254	
Ending Balance		\$319	\$266	\$683	\$1,211	\$964	\$2,189	\$3,620	\$2,134	\$3,105	\$4,051	\$4,607	\$4,863	
Average Balance			\$133	\$342	\$606	\$482	\$1,094	\$1,810	\$1,067	\$1,552	\$2,026	\$2,303	\$2,431	
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%	
Interest Applied		\$0	\$0	\$0	\$1	\$0	\$1	\$2	\$1	\$2	\$2	\$2	\$2	\$14
AGT End Balance		\$319	\$266	\$683	\$1,212	\$965	\$2,190	\$3,622	\$2,135	\$3,106	\$4,054	\$4,609	\$4,865	\$4,865
Under/(over) Recovery		\$319	(\$53)	\$417	\$529	(\$248)	\$1,225	\$1,432	(\$1,487)	\$972	\$947	\$555	\$256	
LIAP Recon. Adjustment - Base Rates L-XL														
LIAP Recon. Acct Beg. Bal.		\$0	\$1,898	\$1,585	\$4,067	\$7,212	\$5,741	\$13,032	\$21,561	\$12,721	\$18,503	\$24,150	\$27,469	
Fcst Firm Through-put L-XL (from Dkt 3943)		505,120	510,514	545,408	610,245	812,193	1,078,212	1,230,624	1,217,782	1,184,720	916,724	680,130	553,013	9,844,682
Fcst LIAP Collections		\$25,000	\$25,266	\$26,993	\$30,202	\$40,197	\$53,363	\$60,906	\$60,271	\$58,634	\$45,371	\$33,661	\$27,371	\$487,235
Actual Firm Through-put L-XL		466,795	516,862	495,305	546,820	842,028	931,095	1,058,674	1,396,746	1,068,200	803,066	613,622	522,427	9,261,639
Actual LIAP Collections		\$23,103	\$25,581	\$24,514	\$27,063	\$41,674	\$46,082	\$52,396	\$69,128	\$52,868	\$39,746	\$30,370	\$25,856	\$458,381
Collection Variance		\$1,897	(\$315)	\$2,479	\$3,139	(\$1,477)	\$7,281	\$8,510	(\$8,857)	\$5,766	\$5,625	\$3,291	\$1,515	
Ending Balance		\$1,897	\$1,583	\$4,064	\$7,206	\$5,735	\$13,022	\$21,542	\$12,704	\$18,487	\$24,128	\$27,441	\$28,984	
Average Balance		\$949	\$1,741	\$2,824	\$5,636	\$6,473	\$9,382	\$17,287	\$17,132	\$15,604	\$21,316	\$25,796	\$28,226	
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%	
Interest Applied		\$1	\$2	\$3	\$6	\$7	\$10	\$18	\$17	\$22	\$27	\$29	\$29	\$159
LIAP End Balance		\$1,898	\$1,585	\$4,067	\$7,212	\$5,741	\$13,032	\$21,561	\$12,721	\$18,503	\$24,150	\$27,469	\$29,013	\$29,013
Under/(over) Recovery		\$1,898	(\$313)	\$2,482	\$3,145	(\$1,470)	\$7,291	\$8,528	(\$8,840)	\$5,783	\$5,647	\$3,318	\$1,544	
Environmental Recon. Adjust - Base Rates														
Environmental Recon. Acct Beg. Bal.		\$0	\$1,393	\$1,163	\$2,985	\$5,293	\$4,215	\$9,566	\$15,825	\$9,337	\$13,581	\$17,725	\$20,161	
Fcst Firm Through-put L-XL (from Dkt 3943)		505,120	510,514	545,408	610,245	812,193	1,078,212	1,230,624	1,217,782	1,184,720	916,724	680,130	553,013	9,844,682
Fcst Environmental Collections		\$18,347	\$18,543	\$19,810	\$22,165	\$29,501	\$39,163	\$44,699	\$44,232	\$43,031	\$33,297	\$24,704	\$20,088	\$357,580
Actual Firm Through-put L-XL		466,795	516,862	495,305	546,820	842,028	931,095	1,058,674	1,396,746	1,068,200	803,066	613,622	522,427	9,261,639
Actual Environmental Collections		\$16,955	\$18,774	\$17,990	\$19,862	\$30,584	\$33,819	\$38,453	\$50,733	\$38,799	\$29,169	\$22,288	\$18,976	\$336,402
Collection Variance		\$1,392	(\$231)	\$1,820	\$2,303	(\$1,083)	\$5,344	\$6,246	(\$6,501)	\$4,232	\$4,128	\$2,416	\$1,112	
Ending Environmental Balance		\$1,392	\$1,162	\$2,983	\$5,288	\$4,210	\$9,559	\$15,812	\$9,324	\$13,569	\$17,709	\$20,141	\$21,273	
Average Balance		\$696	\$1,277	\$2,073	\$4,137	\$4,751	\$6,887	\$12,689	\$12,575	\$11,453	\$15,645	\$18,933	\$20,717	
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%	
Interest Applied		\$1	\$1	\$2	\$4	\$5	\$7	\$13	\$12	\$12	\$16	\$20	\$21	\$116
Environmental End Balance		\$1,393	\$1,163	\$2,985	\$5,293	\$4,215	\$9,566	\$15,825	\$9,337	\$13,581	\$17,725	\$20,161	\$21,294	\$21,294
Under/(over) Recovery		\$1,393	(\$230)	\$1,822	\$2,307	(\$1,078)	\$5,351	\$6,259	(\$6,489)	\$4,244	\$4,144	\$2,436	\$1,133	
Approved Target Collections														
												Target Collection L-XL	\$81,888	300,000
Approved Target Collections														
												Target Collection L-XL	\$487,236	\$1,785,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
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Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
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												Target Collection L-XL	\$357,579	\$1,310,000
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												Target Collection L-XL	\$357,579	\$1,310,000
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Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL	\$357,579	\$1,310,000
Approved Target Collections														
												Target Collection L-XL		



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

October 31, 2011 Ending Deferred Balances

	Forecast	Actual	Variance
System Pressure	\$69,834	\$92,553	(\$22,719)
Environmental - DAC	\$67,919	\$67,748	\$171
On-System Margin Credits	\$91,608	\$91,369	\$239
Previous Reconciliation Factor	\$96,768	\$96,645	\$123
Weather Normalization	(\$376,482)	(\$375,489)	(\$993)
AGT	(\$45,801)	(\$45,680)	(\$121)
Capital Tracker/ARP	\$297,626	\$296,928	\$697
Pension	(\$300,917)	(\$300,142)	(\$774)
PBOP	(\$92,946)	(\$92,946)	\$0
	(\$192,391)	(\$169,014)	(\$23,376)

**National Grid - RI Gas  
RDM Factor  
Effective November 1, 2012**

Line No.	Description	Reference	
1	RDM Reconciliation		\$10,704,374
2	Throughput		35,387,711 dth
3	RDM Factor - per therm	[[1] / [2]] / [10]	<b>\$0.0302 per therm</b>
4	RDM Factor - per dth	[3]*10	\$0.3020 per dth

**National Grid - RI gas  
RDM Monthly Worksheet**

	Apr-11 30	May-11 31	Jun-11 30	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31
<b>Residential Non-Heat</b>												
Benchmark Revenue Per Customer (RPC)	\$ 17.45	\$ 16.73	\$ 15.97	\$ 14.98	\$ 14.10	\$ 14.71	\$ 14.61	\$ 16.03	\$ 17.37	\$ 18.51	\$ 17.99	\$ 17.75
RPC Factor Acct Beg. Bal.	\$0	(\$36,355)	(\$30,990)	(\$13,556)	(\$2,368)	\$3,504	\$18,081	\$29,137	\$2,639	(\$36,918)	(\$105,497)	(\$218,855)
Actual Number of Customers	26,630	26,481	26,363	26,285	26,261	26,269	26,182	26,190	26,205	26,134	26,040	25,892
Actual Base Revenue	\$501,085	\$437,598	\$403,568	\$382,642	\$364,423	\$371,950	\$371,478	\$446,216	\$494,796	\$552,122	\$581,612	\$561,283
Actual Base Revenue Per Customer	\$18.82	\$16.52	\$15.31	\$14.56	\$13.88	\$14.16	\$14.19	\$17.04	\$18.88	\$21.13	\$22.34	\$21.68
RPC Variance (Benchmark- Actual)	(\$1.36)	\$0.20	\$0.66	\$0.43	\$0.22	\$0.55	\$0.42	(\$1.01)	(\$1.51)	(\$2.62)	(\$4.35)	(\$3.93)
Monthly Variance	(\$36,336)	\$5,400	\$17,457	\$11,197	\$5,871	\$14,566	\$11,030	(\$26,514)	(\$39,538)	(\$68,503)	(\$113,197)	(\$101,656)
Preliminary End Balance	(\$36,336)	(\$30,955)	(\$13,533)	(\$2,359)	\$3,504	\$18,070	\$29,111	\$2,622	(\$36,900)	(\$105,421)	(\$218,694)	(\$320,511)
Average Balance	(\$18,168)	(\$33,655)	(\$22,262)	(\$7,958)	\$568	\$10,787	\$23,596	\$15,879	(\$17,131)	(\$71,170)	(\$162,096)	(\$269,683)
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%
Interest Applied	(\$19)	(\$36)	(\$23)	(\$8)	\$1	\$11	\$25	\$16	(\$18)	(\$76)	(\$161)	(\$286)
RPC Factor Account End Balance	(\$36,355)	(\$30,990)	(\$13,556)	(\$2,368)	\$3,504	\$18,081	\$29,137	\$2,639	(\$36,918)	(\$105,497)	(\$218,855)	(\$320,798)
Under/(Over) Recovery	(\$36,355)	\$5,365	\$17,434	\$11,188	\$5,872	\$14,577	\$11,055	(\$26,498)	(\$39,557)	(\$68,579)	(\$113,358)	(\$101,942)
<b>Residential Non-Heat Low Income</b>												
Benchmark Revenue Per Customer (RPC)	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	\$17.99	\$17.75
RPC Factor Acct Beg. Bal.	\$0	(\$8,015)	(\$12,046)	(\$11,543)	(\$12,745)	(\$13,696)	(\$14,780)	(\$15,956)	(\$19,387)	(\$25,309)	(\$33,501)	(\$41,949)
Actual Number of Customers	359	386	375	362	359	342	338	340	271	272	265	341
Actual Base Revenue (w/o discount)	\$14,276	\$10,477	\$5,475	\$6,613	\$5,998	\$6,102	\$6,098	\$8,862	\$10,606	\$13,194	\$13,178	\$14,716
Actual Base Revenue Per Customer	\$39.77	\$27.14	\$14.60	\$18.27	\$16.71	\$17.84	\$18.04	\$26.06	\$39.14	\$48.51	\$49.73	\$43.16
RPC Variance (Benchmark- Actual)	(\$22.32)	(\$10.41)	\$1.37	(\$3.28)	(\$2.61)	(\$3.13)	(\$3.43)	(\$10.04)	(\$21.76)	(\$30.00)	(\$31.74)	(\$25.40)
Monthly Variance	(\$8,011)	(\$4,020)	\$514	(\$1,189)	(\$936)	(\$1,070)	(\$1,160)	(\$3,413)	(\$5,898)	(\$8,161)	(\$8,411)	(\$8,663)
Preliminary End Balance	(\$8,011)	(\$12,035)	(\$11,531)	(\$12,732)	(\$13,682)	(\$14,765)	(\$15,940)	(\$19,369)	(\$25,285)	(\$33,470)	(\$41,912)	(\$50,612)
Average Balance	(\$4,006)	(\$10,025)	(\$11,788)	(\$12,138)	(\$13,213)	(\$14,230)	(\$15,360)	(\$17,663)	(\$22,336)	(\$29,389)	(\$37,706)	(\$46,281)
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%
Interest Applied	(\$4)	(\$11)	(\$12)	(\$13)	(\$14)	(\$15)	(\$16)	(\$18)	(\$24)	(\$31)	(\$37)	(\$49)
RPC Factor Account End Balance	(\$8,015)	(\$12,046)	(\$11,543)	(\$12,745)	(\$13,696)	(\$14,780)	(\$15,956)	(\$19,387)	(\$25,309)	(\$33,501)	(\$41,949)	(\$50,662)
Under/(Over) Recovery	(\$8,015)	(\$4,030)	\$502	(\$1,202)	(\$950)	(\$1,084)	(\$1,176)	(\$3,431)	(\$5,921)	(\$8,192)	(\$8,449)	(\$8,712)
<b>Residential Non-Heat (incl Low Income)</b>												
Benchmark Revenue Per Customer (RPC)	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	\$17.99	\$17.75
RPC Factor Acct Beg. Bal.	\$0	(\$44,370)	(\$43,036)	(\$25,100)	(\$15,113)	(\$10,191)	\$3,301	\$13,181	(\$16,749)	(\$62,227)	(\$138,998)	(\$260,804)
Actual Number of Customers	26,989	26,867	26,738	26,647	26,620	26,611	26,520	26,530	26,476	26,406	26,305	26,233
Actual Base Revenue (w/o discount)	\$515,362	\$448,075	\$409,043	\$389,254	\$370,422	\$378,052	\$377,576	\$455,078	\$505,402	\$565,317	\$594,790	\$576,000
Actual Base Revenue Per Customer	\$19.10	\$16.68	\$15.30	\$14.61	\$13.92	\$14.21	\$14.24	\$17.15	\$19.09	\$21.41	\$22.61	\$21.96
RPC Variance (Benchmark- Actual)	(\$1.64)	\$0.05	\$0.67	\$0.38	\$0.19	\$0.51	\$0.37	(\$1.13)	(\$1.72)	(\$2.90)	(\$4.62)	(\$4.21)
Monthly Variance	(\$44,348)	\$1,381	\$17,971	\$10,008	\$4,935	\$13,496	\$9,870	(\$29,927)	(\$45,436)	(\$76,664)	(\$121,608)	(\$110,319)
Preliminary End Balance	(\$44,348)	(\$42,990)	(\$25,065)	(\$15,092)	(\$10,178)	\$3,305	\$13,172	(\$16,747)	(\$62,185)	(\$138,891)	(\$260,606)	(\$371,124)
Average Balance	(\$22,174)	(\$43,680)	(\$34,050)	(\$20,096)	(\$12,646)	(\$3,443)	\$8,237	(\$1,783)	(\$39,467)	(\$100,559)	(\$199,802)	(\$315,964)
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%
Interest Applied	(\$23)	(\$46)	(\$35)	(\$21)	(\$13)	(\$4)	\$9	(\$2)	(\$42)	(\$107)	(\$198)	(\$335)
RPC Factor Account End Balance	(\$44,370)	(\$43,036)	(\$25,100)	(\$15,113)	(\$10,191)	\$3,301	\$13,181	(\$16,749)	(\$62,227)	(\$138,998)	(\$260,804)	(\$371,459)
Under/(Over) Recovery	(\$44,370)	\$1,334	\$17,936	\$9,987	\$4,922	\$13,493	\$9,879	(\$29,929)	(\$45,478)	(\$76,771)	(\$121,807)	(\$110,655)
<b>Residential Heating</b>												
Benchmark Revenue Per Customer (RPC)	\$ 52.01	\$ 31.03	\$ 25.28	\$ 20.87	\$ 19.23	\$ 20.36	\$ 21.66	\$ 34.32	\$ 51.29	\$ 62.73	\$ 64.59	\$ 61.69
RPC Factor Acct Beg. Bal.	\$0	\$379,401	\$413,222	\$915,917	\$1,111,233	\$1,150,547	\$1,327,716	\$1,694,071	\$2,364,232	\$4,185,179	\$5,759,095	\$6,897,279
Actual Number of Customers	178,115	176,005	175,069	175,128	175,181	175,521	176,523	177,992	181,650	181,966	184,853	183,787
Actual Base Revenue	\$8,884,966	\$5,427,435	\$3,924,162	\$3,461,000	\$3,331,092	\$3,397,052	\$3,459,215	\$5,440,097	\$7,498,634	\$9,846,675	\$10,807,495	\$9,861,526
Actual Base Revenue Per Customer	\$49.88	\$30.84	\$22.41	\$19.76	\$19.02	\$19.35	\$19.60	\$30.56	\$41.28	\$54.11	\$58.47	\$53.66
RPC Variance (Benchmark- Actual)	\$2.13	\$0.19	\$2.87	\$1.11	\$0.22	\$1.00	\$2.07	\$3.75	\$10.01	\$8.62	\$6.12	\$8.03
Monthly Variance	\$379,206	\$33,401	\$502,013	\$194,241	\$38,114	\$175,896	\$364,752	\$668,077	\$1,817,472	\$1,568,641	\$1,131,902	\$1,476,147
Preliminary End Balance	\$379,206	\$412,801	\$915,234	\$1,110,157	\$1,149,347	\$1,326,444	\$1,692,468	\$2,362,149	\$4,181,704	\$5,753,820	\$6,890,997	\$8,373,426
Average Balance	\$189,603	\$396,101	\$664,228	\$1,013,037	\$1,130,290	\$1,238,495	\$1,510,092	\$2,028,110	\$3,272,968	\$4,969,499	\$6,325,046	\$7,635,353
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%
Interest Applied	\$195	\$421	\$682	\$1,075	\$1,200	\$1,272	\$1,603	\$2,084	\$3,475	\$5,276	\$6,282	\$8,106
RPC Factor Account End Balance	\$379,401	\$413,222	\$915,917	\$1,111,233	\$1,150,547	\$1,327,716	\$1,694,071	\$2,364,232	\$4,185,179	\$5,759,095	\$6,897,279	\$8,381,532
Under/(Over) Recovery	\$379,401	\$33,821	\$502,695	\$195,316	\$39,314	\$177,169	\$366,355	\$670,161	\$1,820,946	\$1,573,917	\$1,138,184	\$1,484,253

**National Grid - RI gas  
RDM Monthly Worksheet**

	Apr-11 30	May-11 31	Jun-11 30	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31
<b>Residential Heating - Low Income</b>												
Benchmark Revenue Per Customer (RPC)	\$ 52.01	\$ 31.03	\$ 25.28	\$ 20.87	\$ 19.23	\$ 20.36	\$ 21.66	\$ 34.32	\$ 51.29	\$ 62.73	\$ 64.59	\$ 61.69
RPC Factor Acct Beg. Bal.	\$	\$88,798	\$107,881	\$143,810	\$141,313	\$132,054	\$138,198	\$160,611	\$243,303	\$389,432	\$543,138	\$634,334
Actual Number of Customers	22,258	22,859	22,597	22,016	21,586	21,319	21,033	21,484	18,896	19,166	17,453	19,343
Actual Base Revenue (w/o discount)	\$1,068,938	\$690,259	\$535,508	\$462,162	\$424,562	\$427,969	\$433,377	\$654,784	\$823,307	\$1,049,135	\$1,036,653	\$1,034,752
Actual Base Revenue Per Customer	\$48.02	\$30.20	\$23.70	\$20.99	\$19.67	\$20.07	\$20.60	\$30.48	\$43.57	\$54.74	\$59.40	\$53.49
RPC Variance (Benchmark- Actual)	\$3.99	\$0.83	\$1.58	(\$0.12)	(\$0.44)	\$0.28	\$1.06	\$3.84	\$7.72	\$7.99	\$5.19	\$8.19
Monthly Variance	\$88,752	\$18,978	\$35,800	(\$2,648)	(\$9,404)	\$6,005	\$22,255	\$82,485	\$145,793	\$153,211	\$90,612	\$158,502
Preliminary End Balance	\$88,752	\$107,776	\$143,680	\$141,161	\$131,909	\$138,059	\$160,453	\$243,096	\$389,097	\$542,643	\$633,750	\$792,836
Average Balance	\$44,376	\$98,287	\$125,781	\$142,486	\$136,611	\$135,056	\$149,325	\$201,854	\$316,200	\$466,038	\$588,444	\$713,585
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%
Interest Applied	\$46	\$104	\$129	\$151	\$145	\$139	\$159	\$207	\$336	\$495	\$584	\$758
RPC Factor Account End Balance	\$88,798	\$107,881	\$143,810	\$141,313	\$132,054	\$138,198	\$160,611	\$243,303	\$389,432	\$543,138	\$634,334	\$793,594
Under/(Over) Recovery	\$88,798	\$19,083	\$35,929	(\$2,497)	(\$9,259)	\$6,144	\$22,413	\$82,692	\$146,129	\$153,705	\$91,196	\$159,260

**Residential Heat (incl Low Income)**

Benchmark Revenue Per Customer (RPC)	\$52.01	\$31.03	\$25.28	\$20.87	\$19.23	\$20.36	\$21.66	\$34.32	\$51.29	\$62.73	\$64.59	\$61.69
RPC Factor Acct Beg. Bal.	\$0	\$468,199	\$521,103	\$1,059,727	\$1,252,546	\$1,282,601	\$1,465,914	\$1,854,683	\$2,607,536	\$4,574,611	\$6,302,233	\$7,531,613
Actual Number of Customers	200,373	198,864	197,666	197,144	196,767	196,840	197,556	199,476	200,546	201,132	202,306	203,130
Actual Base Revenue (w/o discount)	\$9,953,903	\$6,117,694	\$4,459,670	\$3,923,162	\$3,755,653	\$3,825,022	\$3,892,592	\$6,094,882	\$8,321,941	\$10,895,810	\$11,844,147	\$10,896,278
Actual Base Revenue Per Customer	\$49.68	\$30.76	\$22.56	\$19.90	\$19.09	\$19.43	\$19.70	\$30.55	\$41.50	\$54.17	\$58.55	\$53.64
RPC Variance (Benchmark- Actual)	\$2.34	\$0.26	\$2.72	\$0.97	\$0.15	\$0.92	\$1.96	\$3.76	\$9.79	\$8.56	\$6.04	\$8.05
Monthly Variance	\$467,958	\$52,379	\$537,812	\$191,592	\$28,710	\$181,902	\$387,007	\$750,562	\$1,963,265	\$1,721,852	\$1,222,514	\$1,634,650
Preliminary End Balance	\$467,958	\$520,578	\$1,058,915	\$1,251,319	\$1,281,256	\$1,464,503	\$1,852,921	\$2,605,245	\$4,570,800	\$6,296,462	\$7,524,747	\$9,166,263
Average Balance	\$233,979	\$494,388	\$790,009	\$1,155,523	\$1,266,901	\$1,373,552	\$1,659,417	\$2,229,964	\$3,589,168	\$5,435,537	\$6,913,490	\$8,348,938
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%
Interest Applied	\$240	\$525	\$812	\$1,227	\$1,345	\$1,411	\$1,762	\$2,291	\$3,810	\$5,771	\$6,866	\$8,864
RPC Factor Account End Balance	\$468,199	\$521,103	\$1,059,727	\$1,252,546	\$1,282,601	\$1,465,914	\$1,854,683	\$2,607,536	\$4,574,611	\$6,302,233	\$7,531,613	\$9,175,126
Under/(Over) Recovery	\$468,199	\$52,904	\$538,624	\$192,819	\$30,055	\$183,313	\$388,769	\$752,853	\$1,967,075	\$1,727,622	\$1,229,380	\$1,643,513

**Small C&I**

Benchmark Revenue Per Customer (RPC)	\$ 74.53	\$ 37.33	\$ 31.13	\$ 26.69	\$ 25.70	\$ 26.61	\$ 28.60	\$ 47.90	\$ 71.45	\$ 87.37	\$ 94.36	\$ 88.01
RPC Factor Acct Beg. Bal.	\$0	\$58,475	(\$31,351)	\$18,968	\$22,973	\$27,920	\$38,889	\$124,114	\$261,980	\$509,753	\$693,111	\$914,087
Actual Number of Customers	18,543	18,338	18,166	18,070	17,971	17,946	18,061	18,342	18,565	18,653	18,704	18,621
Dual fuel customer count	1	1	1	1	1	-	-	-	-	-	-	-
Actual Number of Customers (no Dual-fuel)	18,542	18,337	18,165	18,069	17,970	17,946	18,061	18,342	18,565	18,653	18,704	18,621
Actual Base Revenue	\$1,323,772	\$774,483	\$515,272	\$478,303	\$456,893	\$466,666	\$431,316	\$740,893	\$1,079,019	\$1,446,909	\$1,544,753	\$1,429,146
Dual fuel customer margin	\$226	\$65	\$61	\$34	\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Actual Base Revenue (no Dual-fuel)	1,323,546	774,417	515,212	478,269	456,834	466,666	431,316	740,893	1,079,019	1,446,909	1,544,753	1,429,146
Actual Base Revenue Per Customer	\$71.38	\$42.23	\$28.36	\$26.47	\$25.42	\$26.00	\$23.88	\$40.39	\$58.12	\$77.57	\$82.59	\$76.75
RPC Variance (Benchmark- Actual)	\$3.15	(\$4.90)	\$2.77	\$0.22	\$0.27	\$0.61	\$4.71	\$7.51	\$13.32	\$9.80	\$11.77	\$11.26
Monthly Variance	\$58,445	(\$89,840)	\$50,326	\$3,983	\$4,919	\$10,935	\$85,139	\$137,667	\$247,364	\$182,719	\$220,179	\$209,630
Preliminary End Balance	\$58,445	(\$31,365)	\$18,975	\$22,951	\$27,893	\$38,855	\$124,027	\$261,781	\$509,344	\$692,472	\$913,289	\$1,123,717
Average Balance	\$29,222	\$13,555	(\$6,188)	\$20,960	\$25,433	\$33,387	\$81,458	\$192,948	\$385,662	\$601,113	\$803,200	\$1,018,902
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%
Interest Applied	\$30	\$14	(\$6)	\$22	\$27	\$34	\$86	\$198	\$409	\$638	\$798	\$1,082
RPC Factor Account End Balance	\$58,475	(\$31,351)	\$18,968	\$22,973	\$27,920	\$38,889	\$124,114	\$261,980	\$509,753	\$693,111	\$914,087	\$1,124,799
Under/(Over) Recovery	\$58,475	(\$89,826)	\$50,319	\$4,005	\$4,946	\$10,969	\$85,225	\$137,866	\$247,773	\$183,357	\$220,977	\$210,712

**Medium C&I**

Benchmark Revenue Per Customer (RPC)	\$ 340.03	\$ 262.60	\$ 223.59	\$ 196.47	\$ 190.92	\$ 200.99	\$ 211.73	\$ 269.90	\$ 361.41	\$ 417.01	\$ 436.04	\$ 410.59
RPC Factor Acct Beg. Bal.	\$0	(\$34,706)	(\$25,851)	\$4,996	(\$69,731)	(\$46,304)	(\$60,336)	(\$52,010)	(\$61,517)	\$123,956	\$330,027	\$473,026
Actual Number of Customers	4,325	4,309	4,305	4,300	4,326	4,345	4,375	4,403	4,439	4,464	4,487	4,501
Dual fuel customer count	4	4	4	3	3	3	4	4	4	4	4	4
Actual Number of Customers (no Dual-fuel)	4,321	4,305	4,301	4,297	4,323	4,341	4,371	4,399	4,435	4,460	4,483	4,497
Actual Base Revenue	\$1,506,827	\$1,123,532	\$931,879	\$919,438	\$802,362	\$887,193	\$917,887	\$1,199,079	\$1,420,036	\$1,656,399	\$1,814,696	\$1,547,051
Dual fuel customer margin	\$2,859	\$1,906	\$1,057	\$523	\$517	\$719	\$811	\$2,339	\$2,627	\$2,361	\$2,532	\$2,841
Actual Base Revenue (no Dual-fuel)	\$1,503,967	\$1,121,626	\$930,822	\$918,915	\$801,845	\$886,474	\$917,077	\$1,196,740	\$1,417,409	\$1,654,038	\$1,812,164	\$1,544,210
Actual Base Revenue Per Customer	\$348	\$261	\$216	\$214	\$185	\$204	\$210	\$272	\$320	\$371	\$404	\$343
RPC Variance (Benchmark- Actual)	(\$8)	\$2	\$7	(\$17)	\$5	(\$3)	\$2	(\$2)	\$42	\$46	\$32	\$67
Monthly Variance	(\$34,688)	\$8,887	\$30,858	(\$74,693)	\$23,489	(\$13,977)	\$8,386	(\$9,449)	\$185,440	\$205,829	\$142,601	\$302,220
Preliminary End Balance	(\$34,688)	(\$25,819)	\$5,007	(\$69,697)	(\$46,243)	(\$60,281)	(\$51,950)	(\$61,459)	\$123,923	\$329,786	\$472,627	\$775,246

		National Grid - RI gas RDM Monthly Worksheet												
		Apr-11 30	May-11 31	Jun-11 30	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31	
Average Balance		(\$17,344)	(\$30,263)	(\$10,422)	(\$32,350)	(\$57,987)	(\$53,293)	(\$56,143)	(\$56,734)	\$31,203	\$226,871	\$401,327	\$624,136	
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%	
Interest Applied		(\$18)	(\$32)	(\$11)	(\$34)	(\$62)	(\$55)	(\$60)	(\$58)	\$33	\$241	\$399	\$663	
RPC Factor Account End Balance		(\$34,706)	(\$25,851)	\$4,996	(\$69,731)	(\$46,304)	(\$60,336)	(\$52,010)	(\$61,517)	\$123,956	\$330,027	\$473,026	\$775,908	
Under/(Over) Recovery		(\$34,706)	\$8,855	\$30,848	(\$74,728)	\$23,427	(\$14,032)	\$8,326	(\$9,507)	\$185,473	\$206,070	\$142,999	\$302,882	
Total Under/(over) Recovery		447,597	-26,732	637,727	132,083	63,350	193,743	492,199	851,283	2,354,844	2,040,279	1,471,549	2,046,453	10,704,374
Margin from DAC Docket 4269														
Small C&I customers		1	1	1	1	1	0	0	0	0	0	0	0	
margin		\$226	\$65	\$61	\$34	\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$445
Medium C&I customers		4	4	4	3	3	4	4	4	4	4	4	4	
margin		\$2,859	\$1,906	\$1,057	\$523	\$517	\$719	\$811	\$2,339	\$2,627	\$2,361	\$2,532	\$2,841	

**National Grid - RI Gas  
ISR Reconciliation  
Effective November 1, 2012**

Line No.

	Actual Cumulative Revenue Requirement <sup>1</sup>	Rate Class	Rate Base Allocator %	Allocation to Rate Class	Actual Collections	Under/ (Over) Collection by Rate Class	Forecasted Throughput dth	ISR Reconciliation Factor dth	ISR Reconciliation Factor therm
1	<b>\$2,012,983</b>								
2		Res-NH	5.07%	\$102,069	\$75,344	\$26,725	568,413	\$0.0470	\$0.0047
3		Res-H	62.89%	\$1,266,054	\$960,304	\$305,750	17,653,549	\$0.0173	\$0.0017
4		Small	8.20%	\$165,065	\$144,767	\$20,298	2,353,415	\$0.0086	\$0.0009
5		Medium	12.50%	\$251,532	\$224,245	\$27,288	5,330,780	\$0.0051	\$0.0005
6		Large LL	5.88%	\$118,354	\$102,942	\$15,412	2,725,521	\$0.0057	\$0.0006
7		Large HL	1.87%	\$37,691	\$30,133	\$7,558	931,731	\$0.0081	\$0.0008
8		XL-LL	0.84%	\$16,937	\$18,422	(\$1,485)	1,060,314	(\$0.0014)	(\$0.0001)
9		XL-HL	2.75%	\$55,281	\$63,797	(\$8,517)	4,763,990	(\$0.0018)	(\$0.0002)
10		<b>Total</b>	<b>100%</b>	<b>\$2,012,983</b>	<b>\$1,619,955</b>	<b>\$393,028</b>	<b>35,387,711</b>		

<sup>1</sup> Refer to Docket 4219 for revised revenue requirement

**National Grid - RI Gas**  
**ISR Reconciliation for Approved Forecasted Revenue Requirement vs. Actual Bill Revenue Collected - FY 12**  
**Effective November 1, 2012**

Line No.	Calculation	Apr-11 30 actual (50/50)	May-11 31 actual	Jun-11 30 actual	Jul-11 31 actual	Aug-11 31 actual	Sep-11 30 actual	Oct-11 31 actual	Nov-11 30 actual	Dec-11 31 actual	Jan-12 31 actual	Feb-12 29 actual	Mar-12 31 actual	Total
<b>ISR DAC Rates \$/therm</b>														
1	Res-NH	\$0.0066	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	\$0.0132	
2	Res-H	\$0.0034	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	\$0.0067	
3	Small	\$0.0039	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	
4	Medium	\$0.0026	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	\$0.0051	
5	Large LL	\$0.0023	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	\$0.0046	
5	Large HL	\$0.0017	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	\$0.0034	
6	XL-LL	\$0.0010	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	
7	XL-HL	\$0.0007	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	\$0.0013	
<b>Actual Firm Throughput - therms</b>														
8	Res-NH	634,817	443,189	363,851	305,002	261,086	287,958	294,625	462,613	603,560	771,079	826,136	771,378	6,025,293
9	Res-H	20,640,320	10,282,480	5,862,684	4,195,883	3,816,399	3,971,578	4,259,938	10,747,869	16,147,707	23,919,687	26,387,863	23,416,672	153,649,080
10	Small	2,755,458	1,233,933	687,883	546,973	468,270	460,175	476,483	1,220,714	1,971,616	3,318,039	3,651,721	3,146,362	19,937,626
11	Medium	5,548,642	3,189,220	2,089,538	1,899,861	1,215,379	1,660,227	1,964,691	3,547,463	4,796,997	6,626,700	7,924,331	6,280,821	46,743,870
12	Large LL	2,847,018	1,268,583	587,087	429,377	430,024	451,531	703,437	2,113,689	2,815,569	3,689,282	4,977,477	3,489,146	23,802,220
13	Large HL	955,287	730,816	642,846	568,430	608,540	599,351	603,754	795,818	845,172	951,693	1,081,386	957,328	9,340,420
14	XL-LL	1,173,465	524,261	166,603	157,132	182,679	212,174	467,031	1,209,443	1,208,835	1,331,773	2,118,334	1,530,858	10,282,589
15	XL-HL	4,481,064	3,823,826	3,919,815	3,553,243	3,961,157	3,708,169	3,715,683	4,346,190	4,493,776	4,673,603	5,882,452	4,756,552	51,315,532
16	Total	39,036,071	21,496,308	14,320,307	11,655,900	10,943,533	11,351,163	12,485,642	24,443,801	32,883,233	45,281,854	52,849,700	44,349,117	321,096,630
<b>ISR Actual Revenue</b>														
17	Res-NH	[1] * [8]	\$ 4,190	\$ 5,850	\$ 4,803	\$ 4,026	\$ 3,446	\$ 3,801	\$ 3,889	\$ 6,106	\$ 7,967	\$ 10,178	\$ 10,905	\$ 75,344
18	Res-H	[2] * [9]	\$ 69,145	\$ 68,893	\$ 39,280	\$ 28,112	\$ 25,570	\$ 26,610	\$ 28,542	\$ 72,011	\$ 108,190	\$ 160,262	\$ 176,799	\$ 960,304
19	Small	[3] * [10]	\$ 10,746	\$ 9,625	\$ 5,365	\$ 4,266	\$ 3,653	\$ 3,589	\$ 3,717	\$ 9,522	\$ 15,379	\$ 25,881	\$ 28,483	\$ 144,767
20	Medium	[4] * [11]	\$ 14,149	\$ 16,265	\$ 10,657	\$ 9,689	\$ 6,198	\$ 8,467	\$ 10,020	\$ 18,092	\$ 24,465	\$ 33,796	\$ 40,414	\$ 224,245
21	Large LL	[5] * [12]	\$ 6,548	\$ 5,835	\$ 2,701	\$ 1,975	\$ 1,978	\$ 2,077	\$ 3,236	\$ 9,723	\$ 12,952	\$ 16,971	\$ 22,896	\$ 102,942
22	Large HL	[6] * [13]	\$ 1,624	\$ 2,485	\$ 2,186	\$ 1,933	\$ 2,069	\$ 2,038	\$ 2,053	\$ 2,706	\$ 2,874	\$ 3,236	\$ 3,677	\$ 30,133
23	XL-LL	[7] * [14]	\$ 1,115	\$ 996	\$ 317	\$ 299	\$ 347	\$ 403	\$ 887	\$ 2,298	\$ 2,297	\$ 2,530	\$ 4,025	\$ 18,422
24	XL-HL	[8] * [15]	\$ 2,913	\$ 4,971	\$ 5,096	\$ 4,619	\$ 5,150	\$ 4,821	\$ 4,830	\$ 5,650	\$ 5,842	\$ 6,076	\$ 7,647	\$ 63,797
25	Total	sum([17]:[24])	\$ 110,430	\$ 114,920	\$ 70,404	\$ 54,920	\$ 48,411	\$ 51,806	\$ 57,173	\$ 126,108	\$ 179,964	\$ 258,930	\$ 294,846	\$ 1,619,955
<b>Approved Forecasted Revenue Requirement<sup>1</sup></b>														\$ 1,817,790
<b>Under/ (Over) Recovery</b>														\$ 197,835

<sup>1</sup>Refer to Docket 4219 for revised revenue requirement