Jennifer Brooks Hutchinson
Senior Counsel

August 29, 2014

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4514 - 2014 Distribution Adjustment Charge (DAC)
Supplemental Testimony and Attachments of Yi-An Chen

Dear Ms. Massaro:

On behalf of National Grid,[1] I am filing ten (10) copies of the Company's supplement to its August 1, 2014 annual DAC filing. This submission consists of the supplemental pre-filed testimony and schedules of Yi-An Chen. In her testimony and schedules, Ms. Chen incorporates updates to the DAC components and provides proposed DAC rates for effect November 1, 2014. She also provides a bill-impact analysis of the proposed DAC rates.

As described in Ms. Chen's testimony, the bill impact of the proposed DAC rates on an average residential heating customer utilizing 846 therms translates into an annual decrease of approximately $59.29 or 4.5 percent less than the rates currently in effect.

Thank you for your attention to this filing. If you have any questions, please contact me at (401) 784-7288.

Very truly yours,

Jennifer Brooks Hutchinson

Enclosure

cc: Docket 4514 Service List
Leo Wold, Esq.
Steve Scialabba
Bruce Oliver

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

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Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

Bound versions of this filing are being hand delivered to the RI Public Utilities Commission and the RI Division of Public Utilities and Carriers.

_____ August 29, 2014

Joanne M. Scanlon Date

Docket No. 4514 – National Grid –2014 Annual Distribution Adjustment Charge Filing ("DAC") - Service List as of 8/27/14

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The Narragansett Electric Company d/b/a National Grid

Distribution Adjustment Charge Filing

Supplemental Testimony and Schedules of
Yi-An Chen

August 29, 2014

Submitted to:
Rhode Island Public Utilities Commission
RIPUC Docket No. 4514

Submitted by:

nationalgrid

Supplemental Testimony of
Yi-An Chen

SUPPLEMENTAL DIRECT TESTIMONY

OF

YI-AN CHEN

TABLE OF CONTENTS

I. Introduction 1

II. Updated DAC Components 2

III. Final DAC Rates and Bill Impacts 5

I. Introduction

Q. Please state your name and business address.

A. My name is Yi-An Chen and my business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

Q. Have you previously submitted testimony in this Docket?

A. Yes. I submitted my direct testimony on August 1, 2014.

Q. What is the purpose of your supplemental testimony?

A. The purpose of this supplemental testimony is to provide an update to the proposed Distribution Adjustment Charge (DAC) to become effective November 1, 2014. Specifically, this supplemental testimony will: (1) propose the system pressure factor; (2) provide the calculation of the proposed base DAC factors, which will be a component of the overall DAC rates (that include the Infrastructure, Safety and Reliability (ISR) Reconciliation DAC factors that are proposed to become effective November 1, 2014 and the ISR Plan component currently in effect); and (3) present the proposed DAC rates' impact on customer bills. This filing is submitted pursuant to the Company's Distribution Adjustment Charge Provision, RIPUC NG-Gas No. 101, under Section 3, Schedule A.

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

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

Schedule YC-1S	Summary of DAC Factors
Schedule YC-2S	System Pressure Factor
Schedule YC-7S	Reconciliation Factor
Schedule YC-9S	ISR Reconciliation Factors
Schedule YC-10S	Bill Impact Analysis

For ease of reference, all others schedules are also included although the Company is not making any changes to them in this submission.

II. <u>Updated DAC Components</u>

Q. Please describe the updates to the DAC contained in this filing.

A. In accordance with the agreement made with the Division during the 2010-2011 DAC proceeding in Docket No. 4196, the Company does not propose a system pressure factor as part of its annual August 1 DAC filings, but rather proposes the factor in its supplemental DAC filings typically submitted to the PUC around September 1. In addition, the DAC reconciliation component has been updated to include actual data for July 2014 as presented in Schedule YC-7S. Consequently, the proposed DAC rates are calculated inclusive of these figures, which are then combined with the proposed ISR Plan reconciliation factors and currently-

effective Fiscal Year 2015 ISR Plan factors to derive the overall proposed DAC rates per rate class to take effect November 1, 2014. The proposed DAC rates are summarized on Schedule YC-1S.

Q. What is the Company proposing for the System Pressure factor for November 1, 2014?

A. The Company is proposing a System Pressure factor of $0.0039 per therm as shown in Schedule YC-2S. The proposed factor is calculated by multiplying the forecasted 2014-2015 LNG lease payment costs by the system pressure balancing percentage. This amount is then divided by the forecasted throughput of 38,110,517 dths for the 12-months beginning November 1, 2014. This result is then divided by 10 to derive the $/therm factor mentioned above.

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

A. The Company updated the DAC Reconciliation factors to reflect actual revenue for July 2014 for the non-base rate / gas year reconciling components as shown in Schedule YC-7S, Pages 2 through 8. The proposed Reconciliation factor applicable to all rate classes is $0.0038 per therm while the proposed Reconciliation factor for the Large and Extra-Large rate classes is $0.0025 per

therm.[1] As described in my testimony filed on August 1, only the Large and Extra-Large rate classes are subject to the base rate reconciliation component.

Q. Please explain how the Company determines the proposed DAC rates to be billed to customers.

A. As shown on Schedule YC-1S, Section 1, Line 15, the proposed base DAC rates differ for the Residential, Small and Medium C&I rate classes versus the Large and Extra-Large rate classes. As explained in my August 1 testimony, the Company develops a proposed DAC factor for the Residential, Small and Medium C&I rate classes to accommodate the inclusion of the Revenue Decoupling Adjustment factor, which is only applicable to these customer groups, while it develops a separate factor for the Large and Extra-Large rate classes to accommodate the reconciliation of the base rate related items – Advanced Gas Technology, Low Income Assistance Program, and Environmental Response costs. These factors are combined with the proposed ISR Reconciliation factors per rate class and currently effective ISR Plan factors to arrive at the proposed DAC factors to be billed to customers, as shown in Section 2 of Schedule YC-1S.

[1] The August 1, 2014 DAC filing's proposed reconciliation factors were $0.0037 per therm for all rate classes and $0.0024 per therm for the Large and Extra-Large rate classes.

III. Final Proposed DAC Rates and Bill Impacts

Q. What are the final proposed DAC rates?

A. The final proposed DAC rates by rate class including the Base DAC factors, the ISR reconciliation factors, and the current ISR factors, are shown in Schedule YC-1S, Section 2, column (E).

Q. How was the impact on customer bills calculated?

A. The Company's bill impact intends to present the impact solely from the proposed DAC factors and to keep all other rates and charges at their current levels. To isolate the impact of the proposed DAC rates, the current Energy Efficiency and ISR factors are assumed to be in effect for the gas year November 2014 through October 2015. The Gas Cost Recovery (GCR) rates are also held constant at the rates that have been in effect during the November 2013 through October 2014 period. The combined impact of the proposed DAC factors and GCR rates will be part of the GCR bill impact analysis filed as part of the annual GCR filing in a separate docket.

Q. What is the impact of the proposed November 1, 2014 DAC rates on customer bills?

A. Schedule YC-10S sets forth the annual average dollar impact due to the proposed change in the DAC factors on customers' bills at various levels of consumption

for the Company's rate classes. As an example, for an average residential heating customer utilizing 846 therms, the bill impact translates into an annual decrease of approximately $59.29, or 4.5%.

Q. Does this conclude your testimony?

A. Yes, it does.

Schedules of
Yi-An Chen

Schedules of Yi-An Chen

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

Schedule
YC-1S

Schedule YC-1S
Summary of DAC Factors

National Grid - RI Gas
Summary of DAC Factors
Effective November 1, 2014

Section 1: DAC factor (not including annual ISR component) November 1, 2014 - October 31, 2015

Line No.	Description	Reference	Amount	Factor: Residential/ Small/ Medium C&I	Factor: Large/ X-Large	
1	System Pressure (SP)	YC-2S	$1,488,789	$0.0039	$0.0039	
2	Advanced Gas Technology Program (AGT)	YC-3	$0	$0.0000	$0.0000	
3	Low Income Assistance Program (LIAP)		$0	$0.0000	$0.0000	
4	Environmental Response Cost Factor (ERCF)	YC-4	$568,913	$0.0014	$0.0014	
5	Pension Adjustment Factor (PAF)	YC-5	($2,034,108)	($0.0052)	($0.0052)	
6	On-System Margin Credits (MC)	YC-6	$135,571	$0.0003	$0.0003	
7	Reconciliation Factor (R)	YC-7S	$1,312,366	$0.0038	$0.0025	
8	Service Quality Factor (SQP)		$0	$0.0000	$0.0000	
9	Earnings Sharing Mechanism (ESM)		$0	$0.0000	$0.0000	
10	Subtotal	Sum ([1]:[9])	$1,471,530	$0.0042	$0.0029	
11	Uncollectible Percentage	Dkt 4323	3.18%	3.18%	3.18%	
12	DAC factors grossed up for uncollectible	[10]/(1-[11])	$1,519,862	$0.0043	$0.0029	per therm
13	Revenue Decoupling Adjustment (RDA)	YC-8	($8,989,002)	($0.0325)	$0.0000	
14	Revenue Decoupling Adjustment Reconciliation	YC-7S	($754,074)	($0.0027)	$0.0000	
15	DAC factor	[12]+[13]+[14]	($8,223,214)	**($0.0309)**	**$0.0029**	**per therm**

Section 2: DAC factors including annual ISR component

Line No.		ISR Reconciliation w/o uncollectible[1] (therms)	Uncollectible Percentage[2]	ISR Reconciliation* (therms) (A)	Base DAC Component*[3] (therms) (B)	DAC Component Subtotal Rates* (therms) (C) =(A) + (B)	ISR Component*[4] (therms) (D)	November 1, 2014 DAC Rates* (therms) (E) = (C)+(D)
16	Res-NH	$0.0087	3.18%	$0.0089	($0.0309)	($0.0220)	$0.0222	$0.0002
17	Res-NH-LI	$0.0087	3.18%	$0.0089	($0.0309)	($0.0220)	$0.0222	$0.0002
18	Res-H	$0.0029	3.18%	$0.0029	($0.0309)	($0.0280)	$0.0148	($0.0132)
19	Res-H-LI	$0.0029	3.18%	$0.0029	($0.0309)	($0.0280)	$0.0148	($0.0132)
20	Small	$0.0029	3.18%	$0.0029	($0.0309)	($0.0280)	$0.0153	($0.0127)
21	Medium	$0.0024	3.18%	$0.0024	($0.0309)	($0.0285)	$0.0115	($0.0170)
22	Large LL	$0.0019	3.18%	$0.0019	$0.0029	$0.0048	$0.0092	$0.0140
23	Large HL	$0.0017	3.18%	$0.0017	$0.0029	$0.0046	$0.0091	$0.0137
24	XL-LL	$0.0001	3.18%	$0.0001	$0.0029	$0.0030	$0.0028	$0.0058
25	XL-HL	$0.0005	3.18%	$0.0005	$0.0029	$0.0034	$0.0035	$0.0069

***Factors Include Uncollectible Allowance**

[1] Schedule YC-9S
[2] Per Docket No. 4323
[3] Section 1, Line 15
[4] FY 15 ISR component per Docket No. 4474

Schedule
YC-2S

Schedule YC-2S
System Pressure Factor

National Grid - RI Gas
System Pressure Factor
Effective November 1, 2014

Line No.	Description		
1	LNG GCR Costs allocated to DAC	$1,488,789	
2	Firm Throughput	38,110,517	dths
3	System Pressure Factor per decatherm	$0.0390	per dth
4	System Pressure Factor per therm	**$0.0039**	**per therm**

1 Per Settlement of DAC issues, Docket No. 4339
2 Company Forecast
3 Line (1) / Line (2)
4 Line (3) / 10

Schedule
YC-3S

Schedule YC-3
Advanced Gas Technology Program Factor

National Grid - RI Gas
AGT Factor
Effective November 1, 2014

Line No.			
1	AGT collected through DAC	$0	
2	Firm Throughput	38,110,517	dth
3	AGT Factor	$0.0000	per dth
4	AGT Factor	**$0.0000**	**per therm**

2 Company Forecast
3 Line (1) / Line (2)
4 Line (3) / 10

National Grid - RI Gas
AGT Account Balance and Interest Calculation

Line No.		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Total
		30	31	30	31	31	30	31	30	31	31	28	31	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
1	Beginning Balance	$2,461,303	$2,306,305	$2,325,825	$2,338,485	$2,348,828	$2,357,767	$2,367,655	$2,379,354	$2,389,311	$2,423,404	$2,470,299	$2,518,779	
2	Rebate Disbursements	$187,172	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
3	Other isbursementsD	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
4	Sub-total Disbursements	$187,172	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0.0084
5	Forecasted Throughput from Docket 4323 (dth)	3,826,443	2,321,424	1,505,558	1,230,159	1,063,069	1,175,941	1,391,267	2,407,560	4,054,661	5,577,080	5,765,550	5,359,362	35,678,072
	L/XL Classes	992,288	720,015	553,276	530,577	477,149	548,615	587,911	770,135	1,063,665	1,163,568	1,264,681	1,195,353	9,867,232
	Res H, NH, Small & Medium C&I Classes	2,834,155	1,601,409	952,282	699,582	585,919	627,326	803,356	1,637,426	2,990,996	4,413,512	4,500,868	4,164,009	25,810,840
6	Base Rates Revenue													
7	Forecasted L/XL Collections	$8,344	$6,054	$4,652	$4,461	$4,012	$4,613	$4,943	$6,476	$8,944	$9,784	$10,634	$10,051	$82,969
8	Forecasted Res H, NH, Small & Medium C&I Classes	$23,831	$13,465	$8,007	$5,882	$4,927	$5,275	$6,755	$13,768	$25,150	$37,111	$37,846	$35,013	$217,031
9	Sub-total Revenue	$32,175	$19,520	$12,660	$10,344	$8,939	$9,888	$11,699	$20,244	$34,094	$46,895	$48,480	$45,064	$300,000
10	Adjustment								($10,287)					($10,287)
11	Ending Balance	$2,306,305	$2,325,825	$2,338,485	$2,348,828	$2,357,767	$2,367,655	$2,379,354	$2,389,311	$2,423,404	$2,470,299	$2,518,779	$2,563,844	
	Interest Calculation													
12	Month's Average Balance	$2,383,804	$2,316,065	$2,332,155	$2,343,657	$2,353,298	$2,362,711	$2,373,504	$2,384,332	$2,406,358	$2,446,852	$2,494,539	$2,541,311	
13	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%	
14	Calculated Interest (not applied to balance)	$2,449	$2,459	$2,396	$2,488	$2,498	$2,427	$2,520	$2,450	$2,555	$2,598	$2,392	$2,698	$29,930

1 Column (a) Ending Balance per Docket No. 4431, MCS-3, Page 2 of 2
4 Lines (2) + Line (3)
5 Rate year forecast as presented in Docket No. 4323
8 Actual revenue for these rate classes are reconciled through the Revenue Decoupling Mechanism (RDM)
9 Lines (7) + (8)
10 This was transferred to Recon Factor to reflect the true-up noted in Docket No. 4431, MCS-7S, Page 9 of 10, Column (h), Line 6.
11 Lines (1) - (4) + (9) + (10)
12 Lines ((1)+(11)) / 2
13 Per RIPUC NG-Gas No. 101, Section 3, Schedule A
14 Column (m), Total interest refunded to customers at YC-7, Page 1, line 8 per Docket No. 4339 Settlement of Issues

Schedule
YC-4S

Schedule YC-4
Environmental Response Cost Factor

National Grid - RI Gas
Environmental Response Cost (ERC) Factor
Effective November 1, 2014

Line No.	Description	Column / Line	Amount	
1	Amortization of Pre-FY2003 expenses	Col M, Ln 3	$0	
2	Amortization of FY2003 expenses	Col M, Ln 6	$0	
3	Amortization of FY2004 expenses - year 10 of 10	Col M, Ln 9	$0	
4	Amortization of FY2005 expenses - year 9 of 10	Col M, Ln 12	$13,668	
5	Amortization of FY2006 expenses - year 8 of 10	Col M, Ln 15	$43,602	
6	Amortization of FY2007 expenses - year 7 of 10	Col M, Ln 18	($75,829)	
7	Amortization of FY2008 expenses - year 6 of 10	Col M, Ln 21	($4,575)	
8	Amortization of FY2009 expenses - year 5 of 10	Col M, Ln 24	$96,575	
9	Amortization of FY2010 expenses - year 4 of 10	Col M, Ln 27	$208,826	
10	Amortization of FY2011 expenses - year 3 of 10	Col M, Ln 30	$452,295	
11	Amortization of FY2012 expenses - year 3 of 10	Col M, Ln 33	$558,394	
12	Amortization of FY2013 expenses - year 2 of 10	Col M, Ln 36	$136,852	
13	Amortization of FY2014 expenses - year 1 of 10	Col M, Ln 39	$449,105	
14		Subtotal	$1,878,913	
15	Base Rate Embedded ERC Funding		$1,310,000	
16	Cost in excess of Allowance		$568,913	
17	Firm Throughput		38,110,517	dths
18	Environmental Response Cost Factor per decatherm		$0.0140	per dth
19	Environmental Response Cost Factor per therm		**$0.0014**	**per therm**

14 Lines (1) to (13)
15 Docket No. 3401
16 Line (14) - Line (15)
17 Company Forecast
18 Line (16) / Line (17)
19 Line (18) / 10

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

Line No.			FY2002 (a)	FY2003 (b)	FY2004 (c)	FY2005 (d)	FY2006 (e)	FY2007 (f)	FY2008 (g)	FY2009 (h)	FY2010 (i)	FY2011 (j)	FY2012 (k)	FY2013 (l)	FY2014 (m)
	ENVIRONMENTAL AMORTIZATION														
1	June 30, 2002														
2	NET ERC costs net of insurance	$12,510,252													
3	Amortization Period (years)	10		$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	
4	FY 2003														
5	NET ERC costs net of insurance	($6,012,673)													
6	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
7	FY 2004														
8	NET ERC costs net of insurance	($472,960)													
9	Amortization Period (years)	10				($47,296)	($47,296)	($47,296)	($47,296)	($47,296)	($47,296)	($47,296)	($47,296)	($47,296)	($47,296)
10	FY 2005														
11	NET ERC costs net of insurance	$136,707													
12	Amortization Period (years)	10					$13,671	$13,671	$13,671	$13,671	$13,671	$13,671	$13,671	$13,671	$13,671
13	FY 2006														
14	NET ERC costs net of insurance	$436,020													
15	Amortization Period (years)	10						$43,602	$43,602	$43,602	$43,602	$43,602	$43,602	$43,602	$43,602
16	FY 2007														
17	NET ERC costs net of insurance	($758,291)													
18	Amortization Period (years)	10							($75,829)	($75,829)	($75,829)	($75,829)	($75,829)	($75,829)	($75,829)
19	FY 2008 & adjustment for FY2007														
20	NET ERC costs net of insurance	($45,755)													
21	Amortization Period (years)	10								($4,575)	($4,575)	($4,575)	($4,575)	($4,575)	($4,575)
22	FY 2009														
23	NET ERC costs net of insurance	$965,754													
24	Amortization Period (years)	10									$96,575	$96,575	$96,575	$96,575	$96,575
25	FY 2010														
26	NET ERC costs net of insurance	$2,088,264													
27	Amortization Period (years)	10										$208,826	$208,826	$208,826	$208,826
28	FY 2011														
29	NET ERC costs net of insurance	$4,522,947													
30	Amortization Period (years)	10											$452,295	$452,295	$452,295
31	FY 2012														
32	NET ERC costs net of insurance	$5,583,936													
33	Amortization Period (years)	10												$558,394	$558,394
34	FY 2013														
35	NET ERC costs net of insurance	$1,368,521													
36	Amortization Period (years)	10													$136,852
37	FY 2014														
38	NET ERC costs net of insurance	$4,491,047													
39	Amortization Period (years)	10													
40	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	$1,382,515
38	ENVIRONMENTAL REMEDIATION COSTS														
39	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	$20,322,722
40	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	$1,368,521	$4,491,047
41	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	$20,322,722	$24,813,769
42	ACCUMULATED ENVIRONMENTAL REMEDIATION														
43	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
44	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	$1,382,515
45	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	$9,866,925
46	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	$11,838,312	$14,946,844

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

Line No.			FY2015 (n)	FY2016 (o)	FY2017 (p)	FY2018 (q)	FY2019 (r)	FY2020 (s)	FY2021 (t)	FY2022 (u)	FY2023 (v)	FY2024 (w)	
	ENVIRONMENTAL AMORTIZATION												
1	June 30, 2002												
2	NET ERC costs net of insurance	$12,510,252											
3	Amortization Period (years)	10											
4	FY 2003												
5	NET ERC costs net of insurance	($6,012,673)											
6	Amortization Period (years)	10											
7	FY 2004												
8	NET ERC costs net of insurance	($472,960)											
9	Amortization Period (years)	10	$0										
10	FY 2005												
11	NET ERC costs net of insurance	$136,707											
12	Amortization Period (years)	10	$13,668	$0									
13	FY 2006												
14	NET ERC costs net of insurance	$436,020											
15	Amortization Period (years)	10	$43,602	$43,602	$0								
16	FY 2007												
17	NET ERC costs net of insurance	($758,291)											
18	Amortization Period (years)	10	($75,829)	($75,829)	($75,830)	$0							
19	FY 2008 & adjustment for FY2007												
20	NET ERC costs net of insurance	($45,755)											
21	Amortization Period (years)	10	($4,575)	($4,575)	($4,575)	($4,580)	$0						
22	FY 2009												
23	NET ERC costs net of insurance	$965,754											
24	Amortization Period (years)	10	$96,575	$96,575	$96,575	$96,575	$96,579	$0					
25	FY 2010												
26	NET ERC costs net of insurance	$2,088,264											
27	Amortization Period (years)	10	$208,826	$208,826	$208,826	$208,826	$208,826	$208,830	$0				
28	FY 2011												
29	NET ERC costs net of insurance	$4,522,947											
30	Amortization Period (years)	10	$452,295	$452,295	$452,295	$452,295	$452,295	$452,295	$452,292	$0			
31	FY 2012												
32	NET ERC costs net of insurance	$5,583,936											
33	Amortization Period (years)	10	$558,394	$558,394	$558,394	$558,394	$558,394	$558,394	$558,394	$558,390	$0		
34	FY 2013												
35	NET ERC costs net of insurance	$1,368,521											
36	Amortization Period (years)	10	$136,852	$136,852	$136,852	$136,852	$136,852	$136,852	$136,852	$136,852	$136,853	$0	
37	FY 2014												
38	NET ERC costs net of insurance	$4,491,047											
39	Amortization Period (years)	10	$449,105	$449,105	$449,105	$449,105	$449,105	$449,105	$449,105	$449,105	$449,105	$449,102	$0
40	Amortization Expense sub-total		$1,878,913	$1,865,245	$1,821,642	$1,897,467	$1,902,051	$1,805,476	$1,596,643	$1,144,347	$585,958	$449,102	$0
38	ENVIRONMENTAL REMEDIATION COSTS												
39	Beginning Balance		$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769
40	Environmental Expenditures, net of Insurance		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	Ending Balance		$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769	$24,813,769
42	ACCUMULATED ENVIRONMENTAL REMEDIA												
43	Beginning Balance		$9,866,925	$11,745,838	$13,611,083	$15,432,725	$17,330,192	$19,232,243	$21,037,719	$22,634,362	$23,778,709	$24,364,667	$24,813,769
44	Amortization Expense (1)		$1,878,913	$1,865,245	$1,821,642	$1,897,467	$1,902,051	$1,805,476	$1,596,643	$1,144,347	$585,958	$449,102	$0
45	Ending Balance		$11,745,838	$13,611,083	$15,432,725	$17,330,192	$19,232,243	$21,037,719	$22,634,362	$23,778,709	$24,364,667	$24,813,769	$24,813,769
46	NET ENVIRONMENTAL REMEDIATION COSTS		$13,067,931	$11,202,686	$9,381,044	$7,483,577	$5,581,526	$3,776,050	$2,179,407	$1,035,060	$449,102	$0	$0

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

National Grid - RI Gas
Environmental Response Cost (ERC) Factor
ERC FY 2014 Detail

Line No.			Total Costs ending 3/31/2013	FY 2014 Costs ending 03/31/2014	Total Costs ending 3/31/2014
			(a)	(b)	(c) = (a) + (b)
1	Environmental Expenses				
2	907 & 908	Allens Avenue	$19,366,948	$716,489	$20,083,438
3	307	PCB Reg Pipe Abandon.	$748,003	$217,676	$965,679
4	379	Petroleum Site	$6,430,012	$2,860,826	$9,290,838
5	700	18 & 21 Holders COR	$2,776,743	$0	$2,776,743
6	161	Canal Street, Westerly	$29,133	$0	$29,133
7	178	Site Inv Connell Hwy Newp	$44,092	$0	$44,092
8	144	Westerly Soil Investigation	$82,184	$0	$82,184
9	171	Contaminated Regulators	$2,949,447	$80,472	$3,029,919
10	781	Mendon Road	$121,355	$0	$121,355
11	782	Tidewater	$1,267,751	$76,505	$1,344,256
12	783	Hamlet	$111,105	$1,967	$113,072
13	--	Thames & Wellington	$5,056,689	$255,258	$5,311,947
14	--	Misc MGP (NEG)	$231,971	$63,769	$295,740
15	--	Insurance Recovery	$1,040,903	$150,980	$1,191,882
16	--	East Providence (First Ave) Holder	$131,533	$67,105	$198,639
17		Sub-Total	$40,387,869	$4,491,047	$44,878,917
18	Insurance Recovery/Settlement				
19	910	Environmental Insurance Settlement		$0	
20	Net FY2014 Environmental Response Costs			$4,491,047	

17 Lines (2) through (16)
20 Line (17) + Line (19)

Schedule
YC-5S

Schedule YC-5
Pensions and Post Retirement Benefits Factor

National Grid - RI Gas
Pension Adjustment Factors
Effective November 1, 2014

Line No.		
	Pension Factor	
1	Pension Reconciliation	($159,913)
2	Carrying Charges	($349,956)
3	Total Pension Cost	($509,869)
4	Firm Throughput	38,110,517 dth
5	Pension Factor per dth	($0.0130) per dth
6	Pension Factor per therm	($0.0013) per therm
	PBOP Factor	
7	PBOP Reconciliation	($948,303)
8	Carrying Charges	($575,936)
9	Total PBOP Cost	($1,524,239)
10	Firm Throughput	38,110,517 dth
11	PBOP Factor per dth	($0.0390) per dth
12	PBOP Factor per therm	($0.0039) per therm
	Pension & PBOP Factor Combined	
13	Pension & PBOP Factor per dth	($0.0520) per dth
14	Pension & PBOP Factor per therm	**($0.0052) per therm**

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

Schedule
YC-6S

Schedule YC-6
On-System Margin Credits Factor

National Grid - RI Gas
On-System Margin Factor
Effective November 1, 2014

Line No.			
1	Threshold	$1,604,433	
2	Total Non-firm margin	$1,468,862	
3	Margin below the Threshold	$135,571	
4	Firm Throughput	38,110,517	dth
5	On-System Margin Credit per dth	$0.0030	per dth
6	On-System Margin Credit per therm	**$0.0003**	**per therm**

1 Page 3, Col (g), Ln 11
2 Page 2, Col (m), Ln 5
3 Line (1) - Line (2)
4 Company forecast
5 Line (3) / Line (4)
6 Line (5) / 10

National Grid - RI Gas
On-System Margin Calculation

Line No.		Apr-13 (a)	May-13 (b)	Jun-13 (c)	Jul-13 (d)	Aug-13 (e)	Sep-13 (f)	Oct-13 (g)	Nov-13 (h)	Dec-13 (i)	Jan-14 (j)	Feb-14 (k)	Mar-14 (l)	Total Apr 13-Mar 14 (m)
1	Non-firm Usage (dth)	176,409	125,545	128,811	149,568	139,654	153,570	171,977	202,801	152,179	72,021	94,007	159,054	1,725,595
2	Non-firm Revenue	$371,317	$200,325	$211,710	$235,060	$225,045	$254,243	$293,230	$427,086	$396,780	$305,475	$210,411	$456,591	$3,587,271
3	Non-firm Revenue subject to Margin Sharing	$293,404	$147,174	$153,628	$167,568	$162,957	$184,088	$214,958	$333,992	$323,936	$262,581	$157,369	$366,710	$2,768,367
4	Non-firm Gas Costs	$142,979	$41,869	$46,741	$42,367	$47,565	$57,396	$72,154	$162,407	$190,360	$194,564	$72,986	$228,116	$1,299,505
5	Non-firm Margin	$150,425	$105,305	$106,887	$125,202	$115,392	$126,692	$142,804	$171,585	$133,577	$68,018	$84,383	$138,594	$1,468,862

1 Page 7, column (f), total/10
2 Page 7, column (p), total
3 Page 7, column (q), total
4 Page 7, column (s), total
5 Page 7, column (t), total

National Grid - RI Gas
On-System Margin Threshold Adjustment

Customers moving from Non-firm to Firm service per Settlement Agreement of Docket No. 4323

Line No.	(a) Assigned #	(b) Test year usage (therm)	(c) Distribution rate approved in Dkt 4323 (per therm)	(d) Calculated annual margin (b) * (c)
	(i) July 2012 - January 2013			
1	3	249,841	$0.0912	$22,786
2	21	800,376	$0.0733	$58,668
3	38	742,357	$0.0912	$67,703
4	Sub-total			$149,156
	(ii) February 2013 - March 2013			
5	45	39,646	$0.1436	$5,693
6	Sub-total			$5,693
	(iii) April 2013 - March 2014			
7	25	500,891	$0.0733	$36,715
8	33	18,144	$0.2206	$4,003
9	Sub-total			$40,718
10	Total			$195,567

Calculation of Adjustment to On-System Margin Theshold Approved in Docket No. 4323

	(e) Annual Non-firm Threshold per Dkt 4323	(f) Adjustment to Non-firm Threshold (d), line 10	(g) Adjusted Annual Non-firm Threshold (e) - (f)
11	$1,800,000	$195,567	$1,604,433

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GET	Energy Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
5	Apr-13	Apr-13	Trans	$485	45,203	N/A		$3,313	$0.0733		$176	$1,885		$1	$5,860	$3,798	$4.6092	$0	$3,798	
6	Apr-13	Apr-13	Trans	$485	14,467	N/A		$1,060	$0.0733			$603		$1	$2,150	$1,545	$4.6092	$0	$1,545	
8	Apr-13	Apr-13	Trans	$715	616,331	N/A		$45,177	$0.0733		$2,214	$25,701		$71	$73,878	$45,892	$4.6092	$0	$45,892	
11	Apr-13	Apr-13	Trans	$275	33,100	N/A		$2,426	$0.0733	$295	$126	$1,380		$28	$4,530	$2,701	$4.6092	$0	$2,701	
14	Apr-13	Apr-13	Sales	$625	263,714	$121,551	$0.4609	$24,051	$0.0912		$4,863	$10,997		$1	$162,087	$146,227	$4.6092	$121,551	$24,676	
15	Apr-13	Apr-13	Trans	$715	115,145	N/A		$8,440	$0.0733		$432	$4,802		$1	$14,389	$9,155	$4.6092	$0	$9,155	
16	Apr-13	Apr-13	Trans	$715	304,702	N/A		$27,789	$0.0912			$12,706		$1	$41,211	$28,504	$4.6092	$0	$28,504	
17	Apr-13	Apr-13	Trans	$485	29,299	N/A		$2,148	$0.0733			$1,222		$1	$3,855	$2,633	$4.6092	$0	$2,633	
19	Apr-13	Apr-13	Trans	$715	36,127	N/A		$2,648	$0.0733			$1,507		$27	$4,897	$3,363	$4.6092	$0	$3,363	
20	Apr-13	Apr-13	Trans	$715	70,657	N/A		$5,179	$0.0733		$14	$2,946	($0)	$110	$8,964	$5,894	$4.6092	$0	$5,894	
24	Apr-13	Apr-13	Trans	$715	0	N/A		$0			$22	$0		$114	$851	$715	$4.6092	$0	$715	
25	Apr-13	Apr-13	Trans	$485	53,530	N/A		$3,924	$0.0733		$205	$2,232		$1	$6,847	$4,409	$4.6092	$0	$4,409	
28	Apr-13	Apr-13	Sales	$625	42,318	$19,505	$0.4609	$3,102	$0.0733			$1,765		$1	$24,997	$23,232	$4.6092	$19,505	$3,727	
29	Apr-13	Apr-13	Sales	$625	4,173	$1,923	$0.4609	$306	$0.0733		$94	$174		$1	$3,123	$2,854	$4.6092	$1,923	$931	
33	Apr-13	Apr-13	Sales	$405	0	$0		$0		$29	$13	$0		$1	$448	$405	$4.6092	$0	$405	
36	Apr-13	Apr-13	Trans	$715	72,661	N/A		$5,326	$0.0733		$281	$3,030		$1	$9,352	$6,041	$4.6092	$0	$6,041	
54	Apr-13	Apr-13	Sales	$13	0	$0		$0			$0			$0	$13	$13	$4.6092	$0	$13	
55	Apr-13	Apr-13	Trans	$715	1,982	N/A		$145	$0.0733		$1	$83		($2,244)	($1,299)	$860	$4.6092	$0	$860	
67	Apr-13	Apr-13	Trans	$715	60,677	N/A		$4,448	$0.0733					$1	$5,163	$5,163	$4.6092	$0	$5,163	
5	May-13	May-13	Trans	$485	47,998	N/A		$3,518	$0.0733		$186	$2,002		$1	$6,191	$4,003	$4.9737	$0	$4,003	
6	May-13	May-13	Trans	$485	16,872	N/A		$1,237	$0.0733			$704		$1	$2,426	$1,722	$4.9737	$0	$1,722	
8	May-13	May-13	Trans	$715	630,438	N/A		$46,211	$0.0733		$2,264	$26,289		$72	$75,552	$46,926	$4.9737	$0	$46,926	
11	May-13	May-13	Trans	$275	31,541	N/A		$2,312	$0.0733	$282	$121	$1,315		($3,821)	$484	$2,587	$4.9737	$0	$2,587	
14	May-13	May-13	Sales	$625	479	$238	$0.4974	$44	$0.0912		$29	$20		$1	$956	$907	$4.9737	$238	$669	
15	May-13	May-13	Trans	$715	72,558	N/A		$5,318	$0.0733		$280	$3,026		$1	$9,340	$6,033	$4.9737	$0	$6,033	
16	May-13	May-13	Trans	$715	170,786	N/A		$15,576	$0.0912			$7,122		$516	$23,928	$16,291	$4.9737	$0	$16,291	
17	May-13	May-13	Trans	$485	43,503	N/A		$3,189	$0.0733			$1,814		$1	$5,489	$3,674	$4.9737	$0	$3,674	
19	May-13	May-13	Trans	$715	35,503	N/A		$2,602	$0.0733			$1,480		$1	$4,799	$3,317	$4.9737	$0	$3,317	
20	Mar-13	May-13	Trans	($715)	(92,141)	N/A		($6,754)	$0.0733		($17)	($3,842)	$0	($1)	($11,329)	($7,469)	$5.4590	$0	($7,469)	adj for Mar'13
20	Mar-13	May-13	Trans	$715	78,935	N/A		$5,786	$0.0733		$15	$3,292	($0)	($108)	$9,699	$6,501	$5.4590	$0	$6,501	adj for Mar'13
20	Apr-13	May-13	Trans	($715)	(70,657)	N/A		($5,179)	$0.0733		($14)	($2,946)	$0	($1)	($8,855)	($5,894)	$4.6092	$0	($5,894)	adj for Apr'13
20	Apr-13	May-13	Trans	$715	60,530	N/A		$4,437	$0.0733		$12	$2,524	($0)	$1	$7,688	$5,152	$4.6092	$0	$5,152	adj for Apr'13
20	May-13	May-13	Trans	$715	47,474	N/A		$3,480	$0.0733		$10	$1,980	($0)	$1	$6,185	$4,195	$4.9737	$0	$4,195	
24	May-13	May-13	Trans	$715	0	N/A		$0			$22	$0		$94	$831	$715	$4.9737	$0	$715	
25	May-13	May-13	Trans	$485	41,910	N/A		$3,072	$0.0733		$164	$1,748		$1	$5,470	$3,557	$4.9737	$0	$3,557	
28	May-13	May-13	Sales	$625	62,579	$31,125	$0.4974	$4,587	$0.0733			$2,610		$1	$38,948	$36,337	$4.9737	$31,125	$5,212	
29	May-13	May-13	Sales	$625	21,123	$10,506	$0.4974	$1,548	$0.0733		$419	$881		$1	$13,980	$12,679	$4.9737	$10,506	$2,173	
33	May-13	May-13	Sales	$405	0	$0		$0		$29	$13	$0		$1	$448	$405	$4.9737	$0	$405	
36	May-13	May-13	Trans	$715	56,021	N/A		$4,106	$0.0733		$221	$2,336		$1	$7,380	$4,821	$4.9737	$0	$4,821	
55	May-13	May-13	Trans			N/A			$0.0733						$0	$0	$4.9737	$0	$0	
67	May-13	May-13	Trans	$715	0	N/A		$0						$1	$716	$715	$4.9737	$0	$715	
5	Jun-13	Jun-13	Trans	$485	56,391	N/A		$4,133	$0.0733		$216	$2,351		$1	$7,186	$4,618	$4.7584	$0	$4,618	
6	Jun-13	Jun-13	Trans	$485	14,657	N/A		$1,074	$0.0733			$611		$1	$2,171	$1,559	$4.7584	$0	$1,559	
8	Jun-13	Jun-13	Trans	$715	655,434	N/A		$48,043	$0.0733		$2,353	$27,332		$1	$78,444	$48,758	$4.7584	$0	$48,758	
11	Jun-13	Jun-13	Trans	$275	26,930	N/A		$1,974	$0.0733	$243	$104	$1,123		$1	$3,720	$2,249	$4.7584	$0	$2,249	
14	Jun-13	Jun-13	Sales												$0	$0	$4.7584	$0	$0	
15	Jun-13	Jun-13	Trans	$715	49,451	N/A		$3,625	$0.0733		$198	$2,062		$1	$6,601	$4,340	$4.7584	$0	$4,340	
16	Jun-13	Jun-13	Trans	$715	120,875	N/A		$11,024	$0.0912			$5,040		$1	$16,780	$11,739	$4.7584	$0	$11,739	
17	Jun-13	Jun-13	Trans	$485	32,890	N/A		$2,411	$0.0733			$1,372		$1	$4,268	$2,896	$4.7584	$0	$2,896	
19	Jun-13	Jun-13	Trans	$715	59,422	N/A		$4,356	$0.0733			$2,478		$1	$7,549	$5,071	$4.7584	$0	$5,071	
20	Jun-13	Jun-13	Trans	$715	23,846	N/A		$1,748	$0.0733		$5	$994	($0)	$1	$3,463	$2,463	$4.7584	$0	$2,463	
24	Jun-13	Jun-13	Trans	$715	0	N/A		$0			$22	$0		$1	$738	$715	$4.7584	$0	$715	
25	Jun-13	Jun-13	Trans	$485	32,323	N/A		$2,369	$0.0733		$130	$1,348		$1	$4,333	$2,854	$4.7584	$0	$2,854	
28	Jun-13	Jun-13	Sales	$625	63,817	$30,367	$0.4758	$4,678	$0.0733			$2,661		$1	$38,331	$35,669	$4.7584	$30,367	$5,303	
29	Jun-13	Jun-13	Sales	$625	34,412	$16,375	$0.4758	$2,522	$0.0733		$648	$1,435		$1	$21,606	$19,522	$4.7584	$16,375	$3,147	
33	Jun-13	Jun-13	Sales	$405	0	$0		$0		$29	$13	$0		$1	$448	$405	$4.7584	$0	$405	
36	Jun-13	Jun-13	Trans	$715	102,790	N/A		$7,535	$0.0733		$388	$4,286		$1	$12,924	$8,250	$4.7584	$0	$8,250	
55	Jun-13	Jun-13	Trans	$715	14,869	N/A		$1,090	$0.0733		$4	$620		$1	$2,430	$1,805	$4.7584	$0	$1,805	

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GET	Energy Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
67	Jun-13	Jun-13	Trans	$715	0	N/A		$0						$1	$716	$715	$4.7584	$0	$715	
5	Jul-13	Jul-13	Trans	$485	64,197	N/A		$4,706	$0.0733		$243	$2,677		$1	$8,112	$5,191	$4.5055	$0	$5,191	
6	Jul-13	Jul-13	Trans	$485	11,126	N/A		$816	$0.0733			$464		$1	$1,765	$1,301	$4.5055	$0	$1,301	
8	Jul-13	Jul-13	Trans	$715	803,515	N/A		$58,898	$0.0733		$2,880	$33,507		$145	$96,144	$59,613	$4.5055	$0	$59,613	
11	Jul-13	Jul-13	Trans	$275	25,437	N/A		$1,865	$0.0733	$231	$99	$1,061		$172	$3,702	$2,140	$4.5055	$0	$2,140	
14	Jul-13	Jul-13	Sales	$625	3	$2	$0.4506	$0	$0.0912		$39	$0		$1	$667	$627	$4.5055	$2	$625	
14	Jun-13	Jul-13	Sales	$625	4	$2	$0.4743	$0	$0.0912			$0		$1	$628	$627	$4.7584	$2	$625	
15	Jul-13	Jul-13	Trans	$715	44,144	N/A		$3,236	$0.0733		$179	$1,841		$1	$5,972	$3,951	$4.5055	$0	$3,951	
16	Jul-13	Jul-13	Trans	$715	104,384	N/A		$9,520	$0.0912			$4,353		$1	$14,588	$10,235	$4.5055	$0	$10,235	
17	Jul-13	Jul-13	Trans	$485	33,479	N/A		$2,454	$0.0733			$1,396		$1	$4,336	$2,939	$4.5055	$0	$2,939	
19	Jul-13	Jul-13	Trans	$715	74,429	N/A		$5,456	$0.0733			$3,104		$1	$9,275	$6,171	$4.5055	$0	$6,171	
20	Jul-13	Jul-13	Trans	$715	29,892	N/A		$2,191	$0.0733		$6	$1,246	($0)	$225	$4,384	$2,906	$4.5055	$0	$2,906	
24	Jul-13	Jul-13	Trans	$715	0	N/A		$0			$22	$0		$188	$925	$715	$4.5055	$0	$715	
25	Jul-13	Jul-13	Trans	$485	29,902	N/A		$2,192	$0.0733		$121	$1,247		$1	$4,046	$2,677	$4.5055	$0	$2,677	
28	Jul-13	Jul-13	Sales	$625	63,654	$28,679	$0.4506	$4,666	$0.0733			$2,654		$1	$36,625	$33,970	$4.5055	$28,679	$5,291	
29	Jul-13	Jul-13	Sales	$625	30,372	$13,684	$0.4506	$2,226	$0.0733		$551	$1,267		$1	$18,353	$16,535	$4.5055	$13,684	$2,851	
33	Jul-13	Jul-13	Sales	$405	0	$0		$0		$29	$13	$0		$1	$448	$405	$4.5055	$0	$405	
36	Jul-13	Jul-13	Trans	$715	106,241	N/A		$7,787	$0.0733		$400	$4,430		$1	$13,334	$8,502	$4.5055	$0	$8,502	
55	Jul-13	Jul-13	Trans	$715	10,402	N/A		$762	$0.0733		$3	$434		$1	$1,915	$1,477	$4.5055	$0	$1,477	
55	Mar-13	Jul-13	Trans	$715	23,639	N/A		$1,733	$0.0733		$5	$986		$1	$3,440	$2,448	$5.4590	$0	$2,448	adj for Mar'13
55	Apr-13	Jul-13	Trans	$715	19,660	N/A		$1,441	$0.0733		$5	$820		$1	$2,981	$2,156	$4.6092	$0	$2,156	adj for Apr'13
55	May-13	Jul-13	Trans	$715	9,946	N/A		$729	$0.0733		$3	$415		$1	$1,863	$1,444	$4.9737	$0	$1,444	adj for May'13
67	Jul-13	Jul-13	Trans	$715	11,259	N/A		$825	$0.0733					$19	$1,559	$1,540	$4.5055	$0	$1,540	
5	Aug-13	Aug-13	Trans	$485	79,646	N/A		$5,838	$0.0733		$298	$3,321		$1	$9,943	$6,323	$4.3278	$0	$6,323	
6	Aug-13	Aug-13	Trans	$485	12,428	N/A		$911	$0.0733			$518		$1	$1,915	$1,396	$4.3278	$0	$1,396	
8	Aug-13	Aug-13	Trans	$715	752,576	N/A		$55,164	$0.0733		$2,699	$31,382		$75	$90,035	$55,879	$4.3278	$0	$55,879	
11	Aug-13	Aug-13	Trans	$275	26,344	N/A		$1,931	$0.0733	$239	$102	$1,099		$133	$3,778	$2,206	$4.3278	$0	$2,206	
14	Aug-13	Aug-13	Sales	$625	0	$0		$0	$0.0912		$19	$0		$1	$645	$625	$4.3278	$0	$625	
15	Aug-13	Aug-13	Trans	$715	52,196	N/A		$3,826	$0.0733		$208	$2,177		$1	$6,926	$4,541	$4.3278	$0	$4,541	
16	Aug-13	Aug-13	Trans	$715	117,098	N/A		$10,679	$0.0912			$4,883		$1	$16,278	$11,394	$4.3278	$0	$11,394	
17	Aug-13	Aug-13	Trans	$485	44,528	N/A		$3,264	$0.0733			$1,857		$1	$5,607	$3,749	$4.3278	$0	$3,749	
19	Aug-13	Aug-13	Trans	$715	58,117	N/A		$4,260	$0.0733			$2,423		$1	$7,399	$4,975	$4.3278	$0	$4,975	
20	Aug-13	Aug-13	Trans	$715	26,380	N/A		$1,934	$0.0733		$6	$1,100	($0)	($111)	$3,643	$2,648	$4.3278	$0	$2,648	
24	Aug-13	Aug-13	Trans	$715	0	N/A		$0			$22	$0		$94	$831	$715	$4.3278	$0	$715	
25	Aug-13	Aug-13	Trans	$485	33,004	N/A		$2,419	$0.0733		$132	$1,376		$1	$4,414	$2,904	$4.3278	$0	$2,904	
28	Aug-13	Aug-13	Sales	$625	67,482	$29,205	$0.4328	$4,946	$0.0733			$2,814		$1	$37,591	$34,777	$4.3278	$29,205	$5,571	
29	Aug-13	Aug-13	Sales	$625	42,423	$18,360	$0.4328	$3,110	$0.0733		$738	$1,769		$1	$24,603	$22,095	$4.3278	$18,360	$3,735	
33	Aug-13	Aug-13	Sales	$405	0	$0		$0		$29	$13	$0		$1	$448	$405	$4.3278	$0	$405	
36	Aug-13	Aug-13	Trans	$715	39,933	N/A		$2,927	$0.0733		$164	$1,665		$1	$5,472	$3,642	$4.3278	$0	$3,642	
55	Aug-13	Aug-13	Trans	$715	15,024	N/A		$1,101	$0.0733		$4	$626		$202	$2,648	$1,816	$4.3278	$0	$1,816	
67	Aug-13	Aug-13	Trans	$715	29,360	N/A		$2,152	$0.0733					$1	$2,868	$2,867	$4.3278	$0	$2,867	
5	Sep-13	Sep-13	Trans	$485	78,475	N/A		$5,752	$0.0733		$294	$3,272		$1	$9,805	$6,237	$4.0042	$0	$6,237	
6	Sep-13	Sep-13	Trans	$485	12,952	N/A		$949	$0.0733			$540		$1	$1,975	$1,434	$4.0042	$0	$1,434	
8	Sep-13	Sep-13	Trans	$715	817,334	N/A		$59,911	$0.0733		$2,929	$34,083		$76	$97,713	$60,626	$4.0042	$0	$60,626	
11	Sep-13	Sep-13	Trans	$275	26,403	N/A		$1,935	$0.0733	$239	$102	$1,101		$86	$3,739	$2,210	$4.0042	$0	$2,210	
14	Sep-13	Sep-13	Sales	$625	0	$0		$0	$0.0912		$19	$0		$1	$645	$625	$4.0042	$0	$625	
15	Sep-13	Sep-13	Trans	$715	69,086	N/A		$6,301	$0.0912		$306	$2,881		$1	$10,203	$7,016	$4.0042	$0	$7,016	
16	Sep-13	Sep-13	Trans	$715	132,044	N/A		$12,042	$0.0912			$5,506		$204	$18,468	$12,757	$4.0042	$0	$12,757	
17	Sep-13	Sep-13	Trans	$485	35,865	N/A		$2,629	$0.0733			$1,496		$1	$4,610	$3,114	$4.0042	$0	$3,114	
19	Sep-13	Sep-13	Trans	$715	67,694	N/A		$4,962	$0.0733			$2,823		$1	$8,501	$5,677	$4.0042	$0	$5,677	
20	Sep-13	Sep-13	Trans	$715	17,924	N/A		$1,314	$0.0733		$4	$747	($0)	$116	$2,896	$2,028	$4.0042	$0	$2,028	
24	Sep-13	Sep-13	Trans	$715	0	N/A		$0	$0.2206		$22	$0		$105	$842	$715	$4.0042	$0	$715	
25	Sep-13	Sep-13	Trans	$485	34,050	N/A		$2,496	$0.0733		$136	$1,420		$1	$4,538	$2,981	$4.0042	$0	$2,981	
28	Sep-13	Sep-13	Sales	$625	94,663	$37,905	$0.4004	$6,939	$0.0733			$3,947		$236	$49,652	$45,469	$4.0042	$37,905	$7,564	
29	Sep-13	Sep-13	Sales	$625	48,677	$19,491	$0.4004	$3,568	$0.0733		$795	$2,030		$1	$26,510	$23,684	$4.0042	$19,491	$4,193	
36	Sep-13	Sep-13	Trans	$715	83,067	N/A		$6,089	$0.0733		$318	$3,464		$1	$10,586	$6,804	$4.0042	$0	$6,804	
55	Sep-13	Sep-13	Trans	$715	17,464	N/A		$1,280	$0.0733		$4	$728		$80	$2,807	$1,995	$4.0042	$0	$1,995	
67	Sep-13	Sep-13	Trans	$715	0	N/A		$0	$0.0733					$37	$752	$715	$4.0042	$0	$715	
5	Oct-13	Oct-13	Trans	$485	86,880	N/A		$6,368	$0.0733		$324	$3,623		$1	$10,801	$6,853	$4.3039	$0	$6,853	
6	Oct-13	Oct-13	Trans	$485	17,482	N/A		$1,281	$0.0733			$729		$1	$2,496	$1,766	$4.3039	$0	$1,766	

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GET	Energy Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
8	Oct-13	Oct-13	Trans	$715	824,320	N/A		$60,423	$0.0733		$2,954	$34,374		$76	$98,542	$61,138	$4.3039	$0	$61,138	
11	Oct-13	Oct-13	Trans	$275	29,277	N/A		$2,146	$0.0733	$263	$113	$1,221		$86	$4,104	$2,421	$4.3039	$0	$2,421	
14	Oct-13	Oct-13	Sales	$625	52,182	$22,459	$0.4304	$4,759	$0.0912		$928	$2,176		$1	$30,948	$27,843	$4.3039	$22,459	$5,384	
15	Oct-13	Oct-13	Trans	$715	90,317	N/A		$8,237	$0.0912		$393	$3,766		$1	$13,112	$8,952	$4.3039	$0	$8,952	
16	Oct-13	Oct-13	Trans	$715	205,003	N/A		$18,696	$0.0912			$8,549		$232	$28,192	$19,411	$4.3039	$0	$19,411	
17	Oct-13	Oct-13	Trans	$485	51,985	N/A		$3,811	$0.0733			$2,168		$1	$6,464	$4,296	$4.3039	$0	$4,296	
19	Oct-13	Oct-13	Trans	$715	72,071	N/A		$5,283	$0.0733			$3,005		$1	$9,004	$5,998	$4.3039	$0	$5,998	
20	Oct-13	Oct-13	Trans	$715	41,387	N/A		$3,034	$0.0733		$8	$1,726	($0)	$117	$5,600	$3,748	$4.3039	$0	$3,748	
24	Oct-13	Oct-13	Trans	$715	0	N/A		$0	$0.2206		$22	$0		$94	$831	$715	$4.3039	$0	$715	
25	Oct-13	Oct-13	Trans	$485	42,129	N/A		$3,088	$0.0733		$165	$1,757		$1	$5,496	$3,573	$4.3039	$0	$3,573	
28	Oct-13	Oct-13	Sales	$625	95,368	$41,046	$0.4304	$6,990	$0.0733			$3,977		$1	$52,639	$48,661	$4.3039	$41,046	$7,615	
29	Oct-13	Oct-13	Sales	$625	20,098	$8,650	$0.4304	$1,473	$0.0733		$358	$838		$1	$11,946	$10,748	$4.3039	$8,650	$2,098	
36	Oct-13	Oct-13	Trans	$715	73,883	N/A		$5,416	$0.0733		$285	$3,081		$1	$9,497	$6,131	$4.3039	$0	$6,131	
55	Oct-13	Oct-13	Trans	$715	17,387	N/A		$1,274	$0.0733		$4	$725		$115	$2,834	$1,989	$4.3039	$0	$1,989	
67	Oct-13	Oct-13	Trans	$715	0	N/A		$0	$0.0733					$10	$725	$715	$4.3039	$0	$715	
5	Nov-13	Nov-13	Trans	$485	69,175	N/A		$5,071	$0.0733		$261	$2,885		$1	$8,702	$5,556	$4.3385	$0	$5,556	
6	Nov-13	Nov-13	Trans	$485	14,738	N/A		$1,080	$0.0733			$615		$1	$2,181	$1,565	$4.3385	$0	$1,565	
8	Nov-13	Nov-13	Trans	$715	739,641	N/A		$54,216	$0.0733		$2,653	$30,843		$1	$88,427	$54,931	$4.3385	$0	$54,931	
11	Nov-13	Nov-13	Trans	$275	0	N/A		$0	$0.0733	$20	$9	$0		$1	$304	$275	$4.3385	$0	$275	
14	Nov-13	Nov-13	Sales	$625	271,959	$117,989	$0.4339	$24,803	$0.0912		$4,786	$11,341		$1	$159,545	$143,417	$4.3385	$117,989	$25,428	
15	Nov-13	Nov-13	Trans	$715	135,108	N/A		$12,322	$0.0912		$577	$5,634		$1	$19,249	$13,037	$4.3385	$0	$13,037	
16	Nov-13	Nov-13	Trans	$715	353,112	N/A		$32,204	$0.0912			$14,725		$1	$47,644	$32,919	$4.3385	$0	$32,919	
17	Nov-13	Nov-13	Trans	$485	38,580	N/A		$2,828	$0.0733			$1,609		$1	$4,922	$3,313	$4.3385	$0	$3,313	
19	Nov-13	Nov-13	Trans	$715	79,692	N/A		$5,841	$0.0733			$3,323		$1	$9,880	$6,556	$4.3385	$0	$6,556	
20	Nov-13	Nov-13	Trans	$715	57,673	N/A		$4,227	$0.0733		$11	$2,405	($0)	($567)	$6,792	$4,942	$4.3385	$0	$4,942	
24	Nov-13	Nov-13	Trans			N/A			$0.2206						$0	$0	$4.3385	$0	$0	
25	Nov-13	Nov-13	Trans	$485	58,747	N/A		$4,306	$0.0733		$224	$2,450		$1	$7,466	$4,791	$4.3385	$0	$4,791	
28	Nov-13	Nov-13	Sales	$625	93,631	$40,622	$0.4339	$6,863	$0.0733			$3,904		$1	$52,015	$48,110	$4.3385	$40,622	$7,488	
29	Nov-13	Nov-13	Sales	$625	8,751	$3,797	$0.4339	$641	$0.0733		$168	$365		$1	$5,597	$5,063	$4.3385	$3,797	$1,266	
36	Nov-13	Nov-13	Trans	$715	96,621	N/A		$7,082	$0.0733		$366	$4,029		$1	$12,193	$7,797	$4.3385	$0	$7,797	
55	Nov-13	Nov-13	Trans	$715	25,316	N/A		$1,856	$0.0733		$6	$1,056		$1	$3,633	$2,571	$4.3385	$0	$2,571	
67	Nov-13	Nov-13	Trans	$715	0	N/A		$0	$0.0733					$1	$716	$715	$4.3385	$0	$715	
5	Dec-13	Dec-13	Trans	$485	47,440	N/A		$3,477	$0.0733		$184	$1,978		$1	$6,125	$3,962	$5.8338	$0	$3,962	
6	Nov-13	Dec-13	Trans	($485)	(14,738)	N/A		($1,080)	$0.0733			($615)		($1)	($2,181)	($1,565)	$4.3385	$0	($1,565)	adj for Nov'13
6	Nov-13	Dec-13	Trans	$485	14,738	$7,573	$16.5717	$1,047	$0.0733			$596		$1	$9,701	$9,105	$165.7171	$7,573	$1,532	Curtailment of 457 therms
6	Dec-13	Dec-13	Trans	$485	6,514	N/A		$477	$0.0733			$272		$1	$1,235	$962	$5.8338	$0	$962	
8	Dec-13	Dec-13	Trans	$715	517,610	N/A		$37,941	$0.0733		$1,863	$21,584		$77	$62,181	$38,656	$5.8338	$0	$38,656	
11	Dec-13	Dec-13	Trans	$275	0	N/A		$0	$0.0733	$20	$9	$0		$86	$390	$275	$5.8338	$0	$275	
14	Dec-13	Dec-13	Sales	$625	242,153	$141,268	$0.5834	$22,084	$0.0912		$5,384	$10,098		$396	$179,854	$163,977	$5.8338	$141,268	$22,709	
15	Dec-13	Dec-13	Trans	$715	130,387	N/A		$11,891	$0.0912		$558	$5,437		$1	$18,602	$12,606	$5.8338	$0	$12,606	
16	Dec-13	Dec-13	Trans	$715	314,183	N/A		$28,653	$0.0912			$13,101		$353	$42,823	$29,368	$5.8338	$0	$29,368	
17	Nov-13	Dec-13	Trans	($485)	(38,580)	N/A		($2,828)	$0.0733			($1,609)		($1)	($4,922)	($3,313)	$4.3385	$0	($3,313)	adj for Nov'13
17	Nov-13	Dec-13	Trans	$485	38,580	$2,433	$16.5513	$2,817	$0.0733			$1,603		$1	$7,339	$5,735	$165.5129	$2,433	$3,302	Curtailment of 147 therms
17	Dec-13	Dec-13	Trans	$485	18,752	N/A		$1,374	$0.0733			$782		$1	$2,642	$1,859	$5.8338	$0	$1,859	
19	Nov-13	Dec-13	Trans	($715)	(79,692)	N/A		($5,841)	$0.0733			($3,323)		($1)	($9,880)	($6,556)	$4.3385	$0	($6,556)	adj for Nov'13
19	Nov-13	Dec-13	Trans	$715	79,692	$6,477	$16.5644	$5,813	$0.0733			$3,307		$1	$16,312	$13,004	$165.6442	$6,477	$6,528	Curtailment of 391 therms
19	Dec-13	Dec-13	Trans	$715	18,703	N/A		$1,371	$0.0733			$780		$1	$2,867	$2,086	$5.8338	$0	$2,086	
20	Dec-13	Dec-13	Trans	$715	49,846	N/A		$3,654	$0.0733		$10	$2,079	($0)	$1	$6,458	$4,368	$5.8338	$0	$4,368	
24	Oct-13	Dec-13	Trans	($715)	0	N/A		$0	$0.2206		($22)	$0		($1)	($738)	($715)	$4.3039	$0	($715)	adj for Oct'13
24	Oct-13	Dec-13	Trans	$715	0	N/A		$0	$0.2206		$22	$0		$70	$807	$715	$4.3039	$0	$715	adj for Oct'13
25	Dec-13	Dec-13	Trans			N/A			$0.0733					$1	$1	$0	$5.8338	$0	$0	
28	Dec-13	Dec-13	Sales	$625	55,050	$32,115	$0.5834	$4,035	$0.0733			$2,296		$1	$39,072	$36,775	$5.8338	$32,115	$4,660	
29	Dec-13	Dec-13	Sales	$625	847	$494	$0.5834	$62	$0.0733		$38	$35		$1	$1,255	$1,181	$5.8338	$494	$687	
36	Dec-13	Dec-13	Trans	$715	81,115	N/A		$5,946	$0.0733		$311	$3,383		$1	$10,355	$6,661	$5.8338	$0	$6,661	
55	Dec-13	Dec-13	Trans	$715	24,455	N/A		$1,793	$0.0733		$5	$1,020		$46	$3,579	$2,508	$5.8338	$0	$2,508	
67	Dec-13	Dec-13	Trans	$715	0	N/A		$0	$0.0733					$10	$725	$715	$5.8338	$0	$715	
5	Jan-14	Jan-14	Trans	$485	30,605	N/A		$2,243	$0.0733		$131	$1,506		$1	$4,366	$2,728	$10.0237	$0	$2,728	
6	Jan-14	Jan-14	Trans	$485	0	N/A		$0	$0.0733			$0		$95	$580	$485	$10.0237	$0	$485	
8	Dec-13	Jan-14	Trans	($715)	(517,610)	N/A		($37,941)	$0.0733		($1,863)	($21,584)		($1)	($62,104)	($38,656)	$5.8338	$0	($38,656)	adj for Dec'13
8	Dec-13	Jan-14	Trans	$715	517,590	$549	$26.1257	$37,939	$0.0733		$1,880	$21,583		$77	$62,744	$39,203	$261.2571	$549	$38,654	Curtailment of 21 therms

Assigned #	Month Charges Apply To	Banner Bill Date mo/yr	Sales or Trans	Customer Charge	Usage (therms)	Commodity charge	Commodity rate (per therm)	Distribution charge	Distribution rate	Sales tax	GET	Energy Efficiency Surcharge	Paperless credit	Other charges	Total revenue	Revenue subject to Margin Sharing	Gas Cost per Dth	Total Gas Cost	Total Margin	Comment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
8	Jan-14	Jan-14	Trans	$715	241,749	N/A		$17,720	$0.0733		$938	$11,894		$1	$31,268	$18,435	$10.0237	$0	$18,435	
11	Jan-14	Jan-14	Trans	$275	9	N/A		$1	$0.0733	$20	$9	$0		$77	$382	$276	$10.0237	$0	$276	
14	Jan-14	Jan-14	Sales	$625	112,523	$112,790	$1.0024	$10,262	$0.0912		$3,996	$5,536		$1	$133,210	$123,677	$10.0237	$112,790	$10,887	
15	Jan-14	Jan-14	Trans	$715	72,532	N/A		$6,615	$0.0912		$337	$3,569		$1	$11,236	$7,330	$10.0237	$0	$7,330	
16	Jan-14	Jan-14	Trans	$715	196,626	N/A		$17,932	$0.0912			$9,674		$1,132	$29,453	$18,647	$10.0237	$0	$18,647	
17	Dec-13	Jan-14	Trans	($485)	(18,752)	N/A		($1,374)	$0.0733			($782)		($1)	($2,642)	($1,859)	$5.8338	$0	($1,859)	adj for Dec'13
17	Dec-13	Jan-14	Trans	$485	18,752	$13,698	$26.5471	$1,337	$0.0733			$760		$1	$16,281	$15,520	$265.4705	$13,698	$1,822	Curtailment of 516 therms
17	Jan-14	Jan-14	Trans	$485	2,244	N/A		$164	$0.0733			$110		$1	$761	$649	$10.0237	$0	$649	
19	Jan-14	Jan-14	Trans	$715	0	N/A		$0	$0.0733			$0		$81	$796	$715	$10.0237	$0	$715	
20	Jan-14	Jan-14	Trans	$715	29,887	N/A		$2,191	$0.0733		$7	$1,470	($0)	$1	$4,383	$2,905	$10.0237	$0	$2,905	
24	Jan-14	Jan-14	Trans		0	N/A		$0	$0.2206					$60	$60	$0	$10.0237	$0	$0	
25	Jan-14	Jan-14	Trans			N/A									$0	$0	$10.0237	$0	$0	
28	Jan-14	Jan-14	Sales	$625	2,962	$2,969	$1.0024	$217	$0.0733			$146		$1	$3,958	$3,812	$10.0237	$2,969	$842	
29	Jan-14	Jan-14	Sales	$625	0	$0		$0	$0.0733		$19	$0		$1	$645	$625	$10.0237	$0	$625	
36	Dec-13	Jan-14	Trans	($715)	(81,115)	N/A		($5,946)	$0.0733		($311)	($3,383)		($1)	($10,355)	($6,661)	$5.8338	$0	($6,661)	adj for Dec'13
36	Dec-13	Jan-14	Trans	$715	80,810	$8,092	$26.5326	$5,923	$0.0733		$560	$3,370		$1	$18,661	$14,731	$265.3262	$8,092	$6,638	Curtailment of 305 therms
36	Jan-14	Jan-14	Trans	$715	31,392	N/A		$2,301	$0.0733		$141	$1,545		$1	$4,702	$3,016	$10.0237	$0	$3,016	
55	Dec-13	Jan-14	Trans	($715)	(24,455)	N/A		($1,793)	$0.0733		($5)	($1,020)		($1)	($3,534)	($2,508)	$5.8338	$0	($2,508)	adj for Dec'13
55	Dec-13	Jan-14	Trans	$715	24,455	$56,465	$23.3328	$1,615	$0.0733		$92	$919		$82	$59,888	$58,796	$233.3281	$56,465	$2,330	Curtailment of 2420 therms
67	Jan-14	Jan-14	Trans	$715	0	N/A		$0	$0.0733					$19	$734	$715	$10.0237	$0	$715	
5	Feb-14	Feb-14	Trans	$485	44,347	N/A		$3,251	$0.0733		$183	$2,182		$1	$6,101	$3,736	$21.5004	$0	$3,736	
6	Feb-14	Feb-14	Trans	$485	0	N/A		$0	$0.0733			$0		$96	$581	$485	$21.5004	$0	$485	
8	Feb-14	Feb-14	Trans	$715	380,708	N/A		$27,906	$0.0733		$1,465	$18,731		$86	$48,903	$28,621	$21.5004	$0	$28,621	
11	Feb-14	Feb-14	Trans	$275	0	N/A		$0	$0.0733	$20	$9	$0		$86	$390	$275	$21.5004	$0	$275	
14	Feb-14	Feb-14	Sales	$625	33,946	$72,986	$2.1500	$3,096	$0.0912		$2,424	$1,670		$1	$80,802	$76,707	$21.5004	$72,986	$3,721	
15	Feb-14	Feb-14	Trans	$715	103,517	N/A		$9,441	$0.0912		$472	$5,093		$1	$15,721	$10,156	$21.5004	$0	$10,156	
16	Feb-14	Feb-14	Trans	$715	246,111	N/A		$22,445	$0.0912			$12,109		$369	$35,638	$23,160	$21.5004	$0	$23,160	
17	Feb-14	Feb-14	Trans	$485	0	N/A		$0	$0.0733			$0		$201	$686	$485	$21.5004	$0	$485	
19	Feb-14	Feb-14	Trans	$715	0	N/A		$0	$0.0733			$0		$82	$797	$715	$21.5004	$0	$715	
20	Feb-14	Feb-14	Trans	$715	40,041	N/A		$2,935	$0.0733		$9	$1,970	($0)	$1	$5,629	$3,650	$21.5004	$0	$3,650	
24	Nov-13	Feb-14	Trans		0	N/A		$0	$0.2206					$1	$1	$0	$4.3385	$0	$0	
24	Dec-13	Feb-14	Trans		0	N/A		$0	$0.2206		$0			$62	$62	$0	$5.8338	$0	$0	
24	Jan-14	Feb-14	Trans		0	N/A		$0	$0.2206		$0			$1	$1	$0	$10.0237	$0	$0	
24	Feb-14	Feb-14	Trans		0	N/A		$0	$0.2206		$0			$1	$1	$0	$21.5004	$0	$0	
25	Oct-13	Feb-14	Trans	($485)	(42,129)	N/A		($3,088)	$0.0733		($165)	($1,757)		($1)	($5,496)	($3,573)	$4.3039	$0	($3,573)	adj for Oct'13
25	Oct-13	Feb-14	Trans	$485	43,206	N/A		$3,167	$0.0733		$169	$1,802		$1	$5,623	$3,652	$4.3039	$0	$3,652	adj for Oct'13
28	Feb-14	Feb-14	Sales	$625	0	$0		$0	$0.0733			$0		$1	$626	$625	$21.5004	$0	$625	
29	Feb-14	Feb-14	Sales	$625	0	$0		$0	$0.0733		$19	$0		$1	$645	$625	$21.5004	$0	$625	
36	Feb-14	Feb-14	Trans	$715	57,523	N/A		$4,216	$0.0733		$240	$2,830		$163	$8,165	$4,931	$21.5004	$0	$4,931	
55	Jan-14	Feb-14	Trans		15,429	N/A		$1,131	$0.0733		$3	$759		$785	$2,678	$1,131	$10.0237	$0	$1,131	
55	Feb-14	Feb-14	Trans		17,374	N/A		$1,274	$0.0733		$3	$855		$1	$2,132	$1,274	$21.5004	$0	$1,274	
67	Feb-14	Feb-14	Trans	$715	0	N/A		$0	$0.0733					$10	$725	$715	$21.5004	$0	$715	
5	Mar-14	Mar-14	Trans	$485	83,061	N/A		$6,088	$0.0733		$330	$4,087		$1	$10,990	$6,573	$8.5112	$0	$6,573	
6	Mar-14	Mar-14	Trans	$485	0	N/A		$0	$0.0733			$0		$2,412	$2,897	$485	$8.5112	$0	$485	
8	Mar-14	Mar-14	Trans	$715	535,705	N/A		$39,267	$0.0733		$2,052	$26,357		$87	$68,478	$39,982	$8.5112	$0	$39,982	
11	Mar-14	Mar-14	Trans	$275	0	N/A		$0	$0.0733	$20	$9	$0		$86	$390	$275	$8.5112	$0	$275	
14	Mar-14	Mar-14	Sales	$625	268,019	$228,116	$0.8511	$24,443	$0.0912		$8,238	$13,187		$1	$274,610	$253,185	$8.5112	$228,116	$25,068	
15	Mar-14	Mar-14	Trans	$715	145,359	N/A		$13,257	$0.0912		$653	$7,152		$1	$21,777	$13,972	$8.5112	$0	$13,972	
16	Mar-14	Mar-14	Trans	$715	335,104	N/A		$30,561	$0.0912			$16,487		$1	$47,764	$31,276	$8.5112	$0	$31,276	
17	Mar-14	Mar-14	Trans	$485	0	N/A		$0	$0.0733			$0		$204	$689	$485	$8.5112	$0	$485	
19	Mar-14	Mar-14	Trans	$715	0	N/A		$0	$0.0733			$0		$83	$798	$715	$8.5112	$0	$715	
20	Mar-14	Mar-14	Trans	$715	59,589	N/A		$4,368	$0.0733		$12	$2,932	($0)	$1	$8,027	$5,083	$8.5112	$0	$5,083	
24	Mar-14	Mar-14	Trans		0	N/A		$0	$0.2206		$0			$1	$1	$0	$8.5112	$0	$0	
25	Mar-14	Mar-14	Trans			N/A									$0	$0	$8.5112	$0	$0	
28	Mar-14	Mar-14	Sales	$625	0	$0		$0	$0.0733			$0		$1	$626	$625	$8.5112	$0	$625	
29	Mar-14	Mar-14	Sales	$625	0	$0		$0	$0.0733		$1	$0		$9	$635	$625	$8.5112	$0	$625	
36	Mar-14	Mar-14	Trans	$715	83,027	N/A		$6,086	$0.0733		$337	$4,085		$207	$11,429	$6,801	$8.5112	$0	$6,801	
55	Mar-14	Mar-14	Trans		17,007	N/A		$1,247	$0.0733		$3	$837		$1	$2,087	$1,247	$8.5112	$0	$1,247	
67	Mar-14	Mar-14	Trans	$715	63,663	N/A		$4,667	$0.0733					$10	$5,391	$5,382	$8.5112	$0	$5,382	
Total				**$122,108**	**17,255,949**	**$1,299,505**		**$1,346,757**		**$2,037**	**$75,525**	**$736,428**	**($4)**	**$4,914**	**$3,587,271**	**$2,768,367**		**$1,299,505**	**$1,468,862**	

Column (b) to Column (o) per customer billing information
Column (p) = Columns (e) + (g) + (i) + (k) + (l) + (m) + (n) + (o)
Column (q) = Columns (p) - [(k) + (l) + (m) + (o)]
Column (s) = Column (g)
Column (t) = Column (q) - Column (s)

Schedule
YC-7S

Schedule YC-7S
Reconciliation Factors

National Grid - RI Gas
Reconciliation Factor effective November 1, 2014

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

Line No.	Description	Reference	Ending Balance	Period
1	System Pressure	Page 2, line 19	$1,112,751	
2	Environmental - DAC	Page 2, line 28	$56,327	
3	On-System Margin Credits	Page 3, line 55	$7,483	Based on Nov 13-Oct 14
4	Pension	Page 4, line 64	($97,663)	
5	PBOP	Page 4, line 73	$721	
6	Previous Reconciliation Factor	Page 3, line 37	($26,335)	
7	True-up October 13	Page 9, line 11	$427,826	Based on Actual Oct 13 vs. Oct 13 Forecast
8	AGT Interest on Fund balance	YC-3, Page 2, line 14	($29,930)	Based on Apr 13-Mar 14
9	Sub Total	Sum of Lines (1) to (8)	$1,451,180	
10	Firm Throughput	Nov 2014 - Oct 2015	38,110,517 dth	
11	Reconciliation Factor	Line (9) / Line (10)	$0.0380 per dth	
12	Reconciliation Factor	Line (11) / 10	**$0.0038 per therm**	

Section 2: Revenue Decoupling Mechanism Reconciliation (RDM Rate Classes)

Line No.	Description	Reference	Ending Balance	Period
13	RDA Reconciliation	Page 6, line 14	($721,102)	Based on Nov 13-Oct 14
14	RDM Recon Reconciliation	Page 6, line 29	($32,972)	Based on Nov 13-Oct 14
15	Sub Total	Line (13) + Line (14)	($754,074)	
16	Firm Throughput, Residential, Small & Medium C&I	Nov 2014 - Oct 2015	27,589,595 dth	
17	RDA Reconciliation Factor	Line (15) / Line (16)	($0.0273) per dth	
18	RDA Reconciliation Factor	Line (17) / 10	**($0.0027) per therm**	

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

Line No.	Description	Reference	Ending Balance	Period
19	AGT Factor - Base Rates	Page 5, line 16	($11,124)	
20	LIAP Factor - Base Rates	Page 5, line 29	($66,255)	Based on Apr 13-Mar 14
21	Environmental - Base Rates	Page 5, line 40	($48,623)	
22	Previous Reconciliation Factor	Page 3, line 46	($12,812)	Based on Nov 13-Oct 14
23	Sub Total	Sum of Lines (19) to (22)	($138,814)	
24	Firm Throughput, Large and Extra Large C&I	Nov 2014 - Oct 2015	10,520,922 dth	
25	L / XL Reconciliation Factor	Line (23) / Line (24)	($0.0131) per dth	
26	L / XL Reconciliation Factor[1]	Line (25) / 10	**($0.0013) per therm**	

[1] This rate will be combined with the Reconciliation factor of $0.0038 per therm for an overall Large and Extra Large Reconciliation factor of $0.0025 per therm

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

Line No.		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	12 month End
		(a) (b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
		Prorated (49%/51%)					**Prorated (60%/40%)**							
1	System Pressure	$0.034	$0.038	$0.038	$0.038	$0.038	$0.038	$0.039	$0.038	$0.038	$0.038	$0.038	$0.038	
2	Environmental Response Credit (ERC)	($0.009)	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	$0.001	
3	Reconciliation Factor (R)	$0.028	$0.041	$0.041	$0.041	$0.041	$0.041	$0.043	$0.041	$0.041	$0.041	$0.041	$0.041	
4	Reconciliation Factor (R) (L-XL)	$0.009	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	($0.002)	
5	On System Margin Credit Factor (MC)	($0.016)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	($0.012)	
6	Pension	$0.057	$0.045	$0.045	$0.045	$0.045	$0.045	$0.047	$0.045	$0.045	$0.045	$0.045	$0.045	
7	Postretirement Benefits (PBOP)	($0.018)	($0.021)	($0.021)	($0.021)	($0.021)	($0.021)	($0.022)	($0.021)	($0.021)	($0.021)	($0.021)	($0.021)	
8	RI Firm throughput (dth)	2,423,071	4,898,381	6,641,379	6,839,764	6,238,261	4,747,568	2,399,405	1,431,004	1,066,704	1,164,534	1,258,241	1,554,701	40,663,012
9	RI Firm Res H, NH, Small & Medium throughput (dth)	1,579,400	3,587,227	5,110,718	5,091,392	4,920,949	3,427,977	1,821,444	846,489	655,119	626,518	696,032	832,873	29,196,137
10	RI Firm L-XL Firm through-put (dth)	843,671	1,311,154	1,530,660	1,748,373	1,317,312	1,319,591	577,961	584,515	411,585	538,015	562,209	721,828	11,466,875
11	**System Pressure Recon Adjust.**													
12	System Pressure Acct Beg. Balance	$0	$118,219	$139,917	$734,203	$799,277	$759,277	$703,460	$733,582	$804,046	$888,531	$969,331	$1,046,618	$0
13	Actual Costs	$200,745	$209,641	$846,251	$324,246	$196,107	$124,066	$124,066	$124,066	$124,066	$124,066	$124,066	$124,066	$2,645,450
14	Actual Revenue	$82,586	$188,080	$252,429	$259,907	$236,934	$180,634	$94,706	$54,391	$40,479	$44,252	$47,813	$59,079	$1,541,290
15	Ending Balance	$118,159	$139,781	$733,739	$798,542	$758,450	$702,709	$732,820	$803,257	$887,633	$968,345	$1,045,583	$1,111,605	$1,104,160
16	Average Monthly Balance	$59,079	$129,000	$436,828	$766,372	$778,864	$730,993	$718,140	$768,420	$845,840	$928,438	$1,007,457	$1,079,112	
17	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%	
18	Interest Applied	$61	$137	$464	$735	$827	$751	$762	$789	$898	$986	$1,035	$1,146	$8,590
19	Sys Pressure End Balance	$118,219	$139,917	$734,203	$799,277	$759,277	$703,460	$733,582	$804,046	$888,531	$969,331	$1,046,618	$1,112,751	$1,112,751
20	Under/(over) Recovery	$118,219	$21,698	$594,285	$65,074	($40,000)	($55,817)	$30,122	$70,464	$84,485	$80,799	$77,288	$66,132	
21	**Environmental Recon. Adjust - DAC**													
22	Environmental Acct Beg. Balance	$72,515	$93,925	$89,074	$82,522	$75,757	$69,600	$64,915	$62,490	$61,123	$60,121	$59,019	$57,821	$72,515
23	Actual Environmental Revenue	($21,325)	$4,949	$6,643	$6,840	$6,235	$4,754	$2,492	$1,431	$1,066	$1,165	$1,258	$1,555	$17,063
24	Ending Environmental Balance	$93,840	$88,976	$82,431	$75,682	$69,522	$64,846	$62,423	$61,059	$60,057	$58,956	$57,761	$56,266	$55,452
25	Average Monthly Balance	$83,178	$91,451	$85,752	$79,102	$72,640	$67,223	$63,669	$61,775	$60,590	$59,539	$58,390	$57,044	
26	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%	
27	Interest Applied	$85	$97	$91	$76	$77	$69	$68	$63	$64	$63	$60	$61	$875
28	Environmental Recon End Balance	$93,925	$89,074	$82,522	$75,757	$69,600	$64,915	$62,490	$61,123	$60,121	$59,019	$57,821	$56,327	$56,327
29	Under/(over) Recovery	$21,410	($4,852)	($6,552)	($6,764)	($6,158)	($4,685)	($2,424)	($1,368)	($1,002)	($1,102)	($1,198)	($1,494)	

		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	12 month End
		(a) (b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
30	**Reconciliation Factor (Applicable to all) - DAC**													
31	Recon Factor Acct Beg. Balance	$1,607,481	$1,541,802	$1,340,402	$1,069,322	$789,787	$534,850	$340,406	$238,529	$180,059	$136,552	$88,925	$37,402	$1,607,481
32	Actual Recon Revenue	$67,296	$202,929	$272,359	$280,425	$255,640	$194,894	$102,184	$58,685	$43,675	$47,746	$51,588	$63,743	$1,641,164
33	Ending Recon Balance	$1,540,185	$1,338,873	$1,068,043	$788,897	$534,147	$339,956	$238,222	$179,844	$136,384	$88,806	$37,337	($26,341)	($33,683)
34	Average Monthly Balance	$1,573,833	$1,440,337	$1,204,223	$929,109	$661,967	$437,403	$289,314	$209,186	$158,221	$112,679	$63,131	$5,531	
35	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%	
36	Interest Applied	$1,617	$1,529	$1,278	$891	$703	$449	$307	$215	$168	$120	$65	$6	$7,348
37	Reconciliation End Balance	$1,541,802	$1,340,402	$1,069,322	$789,787	$534,850	$340,406	$238,529	$180,059	$136,552	$88,925	$37,402	($26,335)	($26,335)
38	Under/(over) Recovery	$65,679	$201,400	$271,081	$279,534	$254,937	$194,445	$101,877	$58,470	$43,507	$47,626	$51,523	$63,737	
39	**Reconciliation Factor (L & XL)- DAC**													
40	Recon Factor Acct Beg. Balance	($26,453)	($33,892)	($31,278)	($28,247)	($24,776)	($22,166)	($19,546)	($18,365)	($17,214)	($16,410)	($15,351)	($14,242)	($26,453)
41	Actual Recon Revenue (L & XL)	$7,408	($2,649)	($3,062)	($3,497)	($2,634)	($2,642)	($1,201)	($1,169)	($822)	($1,076)	($1,124)	($1,444)	($13,912)
42	Ending Recon Balance	($33,861)	($31,243)	($28,216)	($24,750)	($22,142)	($19,524)	($18,345)	($17,196)	($16,392)	($15,334)	($14,227)	($12,798)	($12,541)
43	Average Monthly Balance	($30,157)	($32,567)	($29,747)	($26,499)	($23,459)	($20,845)	($18,945)	($17,780)	($16,803)	($15,872)	($14,789)	($13,520)	
44	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%	
45	Interest Applied	($31)	($35)	($32)	($25)	($25)	($21)	($20)	($18)	($18)	($17)	($15)	($14)	($271)
46	Reconciliation End Balance	($33,892)	($31,278)	($28,247)	($24,776)	($22,166)	($19,546)	($18,365)	($17,214)	($16,410)	($15,351)	($14,242)	($12,812)	($12,812)
47	Under/(over) Recovery	$7,439	($2,614)	($3,030)	($3,472)	($2,609)	($2,621)	($1,181)	($1,151)	($804)	($1,059)	($1,109)	($1,430)	
48	**On-system Credits Recon. Adjust. - DAC**													
49	On-system Credit Acct Beg. Balance	($490,762)	($451,479)	($392,533)	($313,192)	($231,377)	($156,762)	($99,852)	($70,035)	($52,922)	($40,189)	($26,251)	($11,171)	($490,762)
50	Actual On-system Revenue	($39,767)	($59,394)	($79,715)	($82,076)	($74,821)	($57,042)	($29,907)	($17,176)	($12,782)	($13,974)	($15,099)	($18,656)	($500,409)
51	Ending On-system Balance	($450,995)	($392,085)	($312,818)	($231,116)	($156,556)	($99,720)	($69,945)	($52,859)	($40,140)	($26,215)	($11,152)	$7,485	$9,647
52	Average Monthly Balance	($470,879)	($421,782)	($352,675)	($272,154)	($193,966)	($128,241)	($84,898)	($61,447)	($46,531)	($33,202)	($18,701)	($1,843)	
53	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%	
54	Interest Applied	($484)	($448)	($374)	($261)	($206)	($132)	($90)	($63)	($49)	($35)	($19)	($2)	($2,164)
55	On-system Credit End Balance	($451,479)	($392,533)	($313,192)	($231,377)	($156,762)	($99,852)	($70,035)	($52,922)	($40,189)	($26,251)	($11,171)	$7,483	$7,483
56	Under/(over) Recovery	$39,283	$58,946	$79,341	$81,815	$74,615	$56,910	$29,817	$17,113	$12,733	$13,939	$15,080	$18,654	

		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	12 month End
		(a) (b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
57	**Pension Adjustment**													
58	Pen Acct Beg. Balance	$1,761,242	$1,624,246	$1,403,125	$1,105,526	$798,654	$518,773	$305,287	$193,400	$129,155	$81,331	$28,986	($27,635)	$1,761,242
59	Actual Pension Revenue	$138,735	$222,727	$298,930	$307,784	$280,580	$213,909	$112,152	$64,410	$47,936	$52,404	$56,621	$69,962	$1,866,150
60	Ending Pension Balance	$1,622,507	$1,401,519	$1,104,195	$797,742	$518,074	$304,864	$193,135	$128,990	$81,219	$28,927	($27,635)	($97,597)	($104,908)
61	Average Monthly Balance	$1,691,875	$1,512,882	$1,253,660	$951,634	$658,364	$411,819	$249,211	$161,195	$105,187	$55,129	$675	($62,616)	
62	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%	
63	Interest Applied	$1,738	$1,606	$1,331	$913	$699	$423	$265	$166	$112	$59	$1	($66)	$7,244
64	Pension Adjustment End Balance	$1,624,246	$1,403,125	$1,105,526	$798,654	$518,773	$305,287	$193,400	$129,155	$81,331	$28,986	($27,635)	($97,663)	($97,663)
65	Under/(over) Recovery	($136,997)	($221,121)	($297,599)	($306,871)	($279,881)	($213,486)	($111,887)	($64,244)	($47,824)	($52,345)	($56,620)	($70,028)	
66	**PBOP Adjustment**													
67	PBOP Acct Beg. Balance	($844,056)	($802,324)	($699,182)	($560,349)	($417,185)	($286,621)	($187,040)	($134,874)	($104,939)	($82,669)	($58,288)	($31,912)	($844,056)
68	Actual PBOP Revenue	($42,577)	($103,939)	($139,501)	($143,633)	($130,937)	($99,824)	($52,337)	($30,058)	($22,370)	($24,455)	($26,423)	($32,649)	($848,703)
69	Ending PBOP Balance	($801,479)	($698,385)	($559,681)	($416,716)	($286,248)	($186,797)	($134,703)	($104,816)	($82,569)	($58,214)	($31,865)	$737	$4,647
70	Average Monthly Balance	($822,767)	($750,355)	($629,431)	($488,533)	($351,716)	($236,709)	($160,872)	($119,845)	($93,754)	($70,441)	($45,077)	($15,587)	
71	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%	
72	Interest Applied	($845)	($797)	($668)	($468)	($373)	($243)	($171)	($123)	($100)	($75)	($46)	($17)	($3,926)
73	PBOP Adjustment End Balance	($802,324)	($699,182)	($560,349)	($417,185)	($286,621)	($187,040)	($134,874)	($104,939)	($82,669)	($58,288)	($31,912)	$721	$721
74	Under/(over) Recovery	$41,732	$103,142	$138,833	$143,165	$130,564	$99,581	$52,166	$29,935	$22,270	$24,380	$26,377	$32,632	

Column (a), Line 22, per Docket No. 4431, MCS-4 Ln15
Column (a), Line 31, per Docket No. 4431, MCS-7S, Page 1, Ln 12
Column (a), Line 40, per Docket No. 4431, MCS-7S, Page 1, Ln 25
Column (a), Line 49, per Docket No. 4431, DIV-2-7
Column (a), Line 58, per Docket No. 4431, MCS-5S, Ln 1+2
Column (a), Line 67, per Docket No. 4431, MCS-5S, Ln 6+7

National Grid - RI Gas
Base Rate / Fiscal Year Reconciling Components

Line No.			Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	12 month End
			30	31	30	31	31	30	31	30	31	31	28	31	
			Actual	**Actual**	**Actual**	**Actual**	**Actual**	**Actual**	**Actual**	Actual	Actual	Actual	Actual	Actual	
	DAC FACTORS: $/dth	Source													
1	AGT Factor - Base Rates	Dkt 4323	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	$0.0084	
2	LIAP Factor - Base Rates	Dkt 4323	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	
3	Environmental - Base Rates	Dkt 4323	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	$0.0367	
	RI Firm Forecasted Throughput (dth) Feb 13 - Jan 14 (Rate Year)		3,826,443	2,321,424	1,505,558	1,230,159	1,063,069	1,175,941	1,391,267	2,407,560	4,054,661	5,577,080	5,765,550	5,359,362	35,678,072
4	RI Firm L-XL Forecasted Throughput (dth)	Dkt 4323	992,288	720,015	553,276	530,577	477,149	548,615	587,911	770,135	1,063,665	1,163,568	1,264,681	1,195,353	9,867,232
5	**Actual RI Firm L-XL Firm through-put (dth)**	**CSR**	**1,348,760**	**479,260**	**387,588**	**565,000**	**513,786**	**571,426**	**570,866**	**843,671**	**1,311,154**	**1,530,660**	**1,748,373**	**1,317,312**	**11,187,856**
	AGT Recon. Adjustment - Base Rates L-XL												**Target Revenue L-XL**		**$82,968**
6	AGT Recon. Acct Beg. Bal.		$0	($2,999)	($975)	$418	$128	($180)	($372)	($229)	($848)	($2,930)	($6,020)	($10,092)	$0
7	Fcst Firm Through-put L-XL		992,288	720,015	553,276	530,577	477,149	548,615	587,911	770,135	1,063,665	1,163,568	1,264,681	1,195,353	9,867,232
8	Fcst L/XL AGT Revenues		$8,344	$6,054	$4,652	$4,461	$4,012	$4,613	$4,943	$6,476	$8,944	$9,784	$10,634	$10,051	$82,968
9	Actual Firm Through-put L-XL		1,348,760	479,260	387,588	565,000	513,786	571,426	570,866	843,671	1,311,154	1,530,660	1,748,373	1,317,312	11,187,856
10	Actual AGT Revenues		$11,341	$4,030	$3,259	$4,751	$4,320	$4,805	$4,800	$7,094	$11,025	$12,871	$14,701	$11,077	$94,074
11	Revenue Variance		($2,997)	$2,024	$1,393	($290)	($308)	($192)	$143	($618)	($2,081)	($3,087)	($4,067)	($1,026)	($11,106)
12	Ending Balance		($2,997)	($975)	$418	$128	($180)	($372)	($229)	($847)	($2,929)	($6,017)	($10,087)	($11,118)	($11,106)
13	Average Balance		($1,499)	($487)	$209	$64	($90)	($186)	($115)	($424)	($1,464)	($3,009)	($5,044)	($5,559)	
14	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%	
15	Interest Applied		($2)	($1)	$0	$0	($0)	($0)	($0)	($0)	($2)	($3)	($5)	($6)	($18)
16	AGT End Balance		($2,999)	($975)	$418	$128	($180)	($372)	($229)	($848)	($2,930)	($6,020)	($10,092)	($11,124)	**($11,124)**
17	Under/(over) Recovery		($2,999)	$2,023	$1,393	($290)	($308)	($192)	$143	($618)	($2,083)	($3,090)	($4,072)	($1,032)	
	LIAP Recon. Adjustment - Base Rates L-XL												**Target Revenue L-XL**		**$493,665**
18	LIAP Recon. Acct Beg. Bal.		$0	($17,844)	($5,812)	$2,476	$755	($1,078)	($2,221)	($1,369)	($5,052)	($17,446)	($35,840)	($60,086)	$0
19	Fcst Firm Through-put L-XL		992,288	720,015	553,276	530,577	477,149	548,615	587,911	770,135	1,063,665	1,163,568	1,264,681	1,195,353	9,867,232
20	Fcst LIAP Revenues		$49,645	$36,023	$27,681	$26,545	$23,872	$27,448	$29,414	$38,530	$53,216	$58,214	$63,273	$59,804	$493,665
21	Actual Firm Through-put L-XL		1,348,760	479,260	387,588	565,000	513,786	571,426	570,866	843,671	1,311,154	1,530,660	1,748,373	1,317,312	11,187,856
22	Actual LIAP Revenues No EE		$59,919	$21,291	$17,219	$25,100	$22,825	$25,386	$25,361	$37,480	$58,248	$68,000	$77,672	$58,522	$497,023
23	Actual LIAP Revenues EE Only		$7,561	$2,687	$2,173	$3,167	$2,880	$3,203	$3,200	$4,729	$7,350	$8,580	$9,801	$7,384	$62,715
24	Revenue Variance		($17,835)	$12,045	$8,289	($1,722)	($1,833)	($1,141)	$853	($3,679)	($12,382)	($18,366)	($24,200)	($6,102)	($66,073)
25	Ending Balance		($17,835)	($5,799)	$2,477	$754	($1,078)	($2,219)	($1,368)	($5,048)	($17,434)	($35,812)	($60,040)	($66,188)	($66,073)
26	Average Balance		($8,918)	($11,822)	($1,667)	$1,615	($161)	($1,648)	($1,794)	($3,209)	($11,243)	($26,629)	($47,940)	($63,137)	
27	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%	
28	Interest Applied		($9)	($13)	($2)	$2	($0)	($2)	($2)	($3)	($12)	($28)	($46)	($67)	($182)
29	LIAP End Balance		($17,844)	($5,812)	$2,476	$755	($1,078)	($2,221)	($1,369)	($5,052)	($17,446)	($35,840)	($60,086)	($66,255)	**($66,255)**
30	Under/(over) Recovery		($17,844)	$12,032	$8,287	($1,720)	($1,833)	($1,143)	$851	($3,682)	($12,394)	($18,394)	($24,246)	($6,169)	
	Environmental Recon. Adjust - Base Rates L-XL												**Target Revenue L-XL**		**$362,298**
30	Environmental Recon. Acct Beg. Bal.		$0	($13,096)	($4,265)	$1,818	$555	($790)	($1,628)	($1,005)	($3,707)	($12,803)	($26,303)	($44,095)	$0
31	Fcst Firm Through-put L-XL		992,288	720,015	553,276	530,577	477,149	548,615	587,911	770,135	1,063,665	1,163,568	1,264,681	1,195,353	9,867,232
32	Fcst Environmental Revenues		$36,434	$26,437	$20,315	$19,481	$17,520	$20,144	$21,586	$28,277	$39,055	$42,723	$46,436	$43,890	$362,298
33	Actual Firm Through-put L-XL		1,348,760	479,260	387,588	565,000	513,786	571,426	570,866	843,671	1,311,154	1,530,660	1,748,373	1,317,312	11,187,856
34	Actual Environmental Revenues		$49,523	$17,597	$14,231	$20,745	$18,865	$20,981	$20,961	$30,977	$48,142	$56,202	$64,195	$48,368	$410,787
35	Revenue Variance		($13,089)	$8,840	$6,084	($1,264)	($1,345)	($837)	$625	($2,700)	($9,087)	($13,479)	($17,759)	($4,478)	($48,489)
36	Ending Environmental Balance		($13,089)	($4,256)	$1,819	$554	($790)	($1,627)	($1,003)	($3,705)	($12,794)	($26,282)	($44,062)	($48,573)	($48,489)
37	Average Balance		($6,545)	($8,676)	($1,223)	$1,186	($117)	($1,209)	($1,316)	($2,355)	($8,251)	($19,542)	($35,182)	($46,334)	
38	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%	
39	Interest Applied		($7)	($9)	($1)	$1	($0)	($1)	($1)	($2)	($9)	($21)	($34)	($49)	($134)
40	Environmental End Balance		($13,096)	($4,265)	$1,818	$555	($790)	($1,628)	($1,005)	($3,707)	($12,803)	($26,303)	($44,095)	($48,623)	**($48,623)**
41	Under/(over) Recovery		($13,096)	$8,831	$6,083	($1,263)	($1,345)	($838)	$624	($2,702)	($9,096)	($13,500)	($17,793)	($4,527)	

National Grid - RI Gas
RDA Reconciliation and RDA Reconciliation Adjustment

Line No.		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Total
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	Res-NH, Res-H, Small, Medium	Prorated												
1	RDM Recon Rates $/decatherm	$0.3452	$0.2829	$0.2801	$0.2800	$0.2799	$0.2804	$0.2908	$0.2801	$0.2796	$0.2800	$0.2800	$0.2800	
2	RDM Recon Adj Rates $/decatherm	$0.0133	$0.0263	$0.0260	$0.0260	$0.0260	$0.0260	$0.0270	$0.0260	$0.0260	$0.0260	$0.0260	$0.0260	
	Actual Firm Throughput - decatherms													
3	Res-NH	55,340	108,460	148,680	148,361	145,157	107,772	68,329	38,675	30,279	28,396	28,939	35,495	943,882
4	Res-H	1,069,380	2,438,809	3,466,384	3,435,123	3,334,439	2,333,347	1,231,716	571,467	416,965	393,560	433,919	517,838	19,642,947
5	Small	115,595	324,268	517,511	521,961	496,004	313,467	141,840	58,923	44,241	57,753	67,751	67,154	2,726,468
6	Medium	339,084	715,690	978,145	985,947	945,350	673,391	379,559	177,424	163,633	146,809	165,423	212,386	5,882,841
7	Total	1,579,400	3,587,227	5,110,718	5,091,392	4,920,949	3,427,977	1,821,444	846,489	655,119	626,518	696,032	832,873	29,196,137
8	**RDM Recon Beg. Balance**	$7,560,395	$7,022,667	$6,014,681	$4,588,980	$3,167,132	$1,792,593	$832,905	$303,763	$66,881	($116,326)	($291,967)	($487,256)	$7,490,077
9	Actual RDM Revenue	$545,216	$1,014,903	$1,431,326	$1,425,566	$1,377,170	$961,036	$529,745	$237,073	$183,180	$175,425	$194,889	$233,204	$8,308,733
10	Ending RDM Balance	$7,015,179	$6,007,764	$4,583,355	$3,163,415	$1,789,962	$831,557	$303,160	$66,691	($116,299)	($291,751)	($486,856)	($720,461)	($818,656)
11	Average Monthly Balance	$7,287,787	$6,515,215	$5,299,018	$3,876,198	$2,478,547	$1,312,075	$568,033	$185,227	($24,709)	($204,038)	($389,412)	($603,859)	
12	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%	
13	Interest Applied	$7,487	$6,917	$5,626	$3,717	$2,631	$1,348	$603	$190	($26)	($217)	($400)	($641)	$97,554
14	RDM Recon End Balance	$7,022,667	$6,014,681	$4,588,980	$3,167,132	$1,792,593	$832,905	$303,763	$66,881	-$116,326	-$291,967	-$487,256	($721,102)	($721,102)
15	Under/(over) Recovery	($537,729)	($1,007,986)	($1,425,700)	($1,421,849)	($1,374,538)	($959,688)	($529,142)	($236,882)	($183,207)	($175,642)	($195,289)	($233,845)	
16	RDM Revenue per rate class													
17	Res-NH	$19,104	$30,686	$41,640	$41,540	$40,623	$30,214	$19,873	$10,832	$8,466	$7,951	$8,103	$9,939	$268,970
18	Res-H	$369,155	$689,991	$970,808	$961,818	$933,171	$654,156	$358,230	$160,048	$116,589	$110,197	$121,497	$144,995	$5,590,655
19	Small	$39,904	$91,742	$144,936	$146,147	$138,811	$87,881	$41,252	$16,502	$12,370	$16,171	$18,970	$18,803	$773,490
20	Medium	$117,053	$202,484	$273,943	$276,061	$264,564	$188,786	$110,390	$49,690	$45,754	$41,107	$46,318	$59,468	$1,675,618
21	Total	$545,216	$1,014,903	$1,431,326	$1,425,566	$1,377,170	$961,036	$529,745	$237,073	$183,180	$175,425	$194,889	$233,204	$8,308,733
22	**RDM Recon Adjustment**													
23	RDM Recon Acct Beg. Balance	$705,936	$685,705	$592,142	$459,791	$327,795	$200,195	$111,116	$62,016	$40,055	$23,079	$6,805	($11,294)	$705,936
24	Actual RDM Recon Revenue	$20,945	$94,241	$132,909	$132,374	$127,880	$89,239	$49,191	$22,014	$17,010	$16,289	$18,097	$21,655	$741,844
25	Ending RDM Recon Balance	$684,991	$591,464	$459,233	$327,417	$199,914	$110,956	$61,925	$40,002	$23,045	$6,789	($11,292)	($32,949)	($35,908)
26	Average Monthly Balance	$695,463	$638,585	$525,688	$393,604	$263,855	$155,575	$86,520	$51,009	$31,550	$14,934	($2,243)	($22,121)	
27	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%	
28	Interest Applied	$715	$678	$558	$377	$280	$160	$92	$52	$33	$16	($2)	($23)	$2,936
29	RDM Recon Adjustment End Balance	$685,705	$592,142	$459,791	$327,795	$200,195	$111,116	$62,016	$40,055	$23,079	$6,805	($11,294)	($32,972)	($32,972)
30	Under/(over) Recovery	($20,231)	($93,563)	($132,351)	($131,996)	($127,600)	($89,079)	($49,099)	($21,962)	($16,976)	($16,274)	($18,099)	($21,678)	
31	RDM Recon and Recon Adj End Balance												**($754,074)**	

1&2 RDM rates account for cancel, rebills, proration adjustments
7 Sum ([3]:[6])
8 (a) Beginning balance, Docket 4431, 2013 DAC + Interest calculated from February - October
17 [1] * [3]
18 [1] * [4]
19 [1] * [5]
20 [1] * [6]
21 Sum([17]:[20])
23 (a) Beginning balance, Docket 4431, MCS-7S, Pages 6
24 [2] * [7]
31 [14] + [29]

National Grid - RI Gas
ISR Reconciliation for FY 13

Line No.		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Total
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	ISR Recon Rates $/decatherm	Prorated												
1	Res-NH	($0.0999)	($0.2435)	($0.2411)	($0.2410)	($0.2409)	($0.2413)	($0.2503)	($0.2411)	($0.2407)	($0.2410)	($0.2410)	($0.2410)	
2	Res-H	$0.0083	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	
3	Small	$0.0126	$0.0162	$0.0160	$0.0160	$0.0160	$0.0160	$0.0166	$0.0160	$0.0160	$0.0160	$0.0160	$0.0160	
4	Medium	$0.0076	$0.0101	$0.0100	$0.0100	$0.0100	$0.0100	$0.0104	$0.0100	$0.0100	$0.0100	$0.0100	$0.0100	
5	Large LL	$0.0034	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	$0.0010	
6	Large HL	$0.0141	$0.0202	$0.0200	$0.0200	$0.0200	$0.0200	$0.0208	$0.0200	$0.0200	$0.0200	$0.0200	$0.0200	
7	XL-LL	($0.0076)	($0.0141)	($0.0140)	($0.0140)	($0.0140)	($0.0140)	($0.0145)	($0.0143)	($0.0140)	($0.0140)	($0.0140)	($0.0140)	
8	XL-HL	($0.0020)	($0.0020)	($0.0020)	($0.0020)	($0.0020)	($0.0020)	($0.0021)	($0.0020)	($0.0020)	($0.0020)	($0.0020)	($0.0020)	
	Actual Firm Throughput - decatherms													
9	Res-NH	55,340	108,460	148,680	148,361	145,157	107,772	68,329	38,675	30,279	28,396	28,939	35,495	943,882
10	Res-H	1,069,380	2,438,809	3,466,384	3,435,123	3,334,439	2,333,347	1,231,716	571,467	416,965	393,560	433,919	517,838	19,642,947
11	Small	115,595	324,268	517,511	521,961	496,004	313,467	141,840	58,923	44,241	57,753	67,751	67,154	2,726,468
12	Medium	339,084	715,690	978,145	985,947	945,350	673,391	379,559	177,424	163,633	146,809	165,423	212,386	5,882,841
13	Large LL	197,162	431,569	559,172	595,716	506,522	416,781	139,433	31,721	26,623	33,853	47,110	106,920	3,092,581
14	Large HL	101,997	101,893	109,799	211,968	120,561	88,497	87,495	78,183	70,014	67,975	81,772	75,653	1,195,806
15	XL-LL	106,115	238,139	242,187	250,714	181,749	191,500	37,882	1,542	(14,385)	13,105	21,219	80,389	1,350,156
16	XL-HL	438,397	539,552	619,503	689,975	508,480	622,813	313,151	473,070	329,333	423,083	412,107	458,867	5,828,331
17	Total sum([9]:[16])	2,423,071	4,898,381	6,641,379	6,839,764	6,238,261	4,747,568	2,399,405	1,431,004	1,066,704	1,164,534	1,258,241	1,554,701	40,663,012
18	**ISR Res-NH Acct Beg. Balance**	($169,526)	($170,561)	($144,317)	($108,611)	($72,943)	($38,037)	($12,057)	$5,044	$14,377	$21,683	$28,553	$35,560	($168,289)
19	**FY 2012 Recon**	($6,388)												($6,388)
20	Actual Res-NH Revenue	($5,528)	($26,412)	($35,840)	($35,754)	($34,965)	($26,006)	($17,104)	($9,323)	($7,287)	($6,843)	($6,974)	($8,554)	($220,591)
21	Ending Res-NH Balance	($170,387)	($144,150)	($108,476)	($72,856)	($37,978)	($12,031)	$5,047	$14,367	$21,664	$28,526	$35,527	$44,115	$45,914
22	Average Monthly Balance	($169,956)	($157,355)	($126,397)	($90,733)	($55,461)	($25,034)	($3,505)	$9,705	$18,020	$25,105	$32,040	$39,837	
23	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
24	Interest Applied	($175)	($167)	($134)	($87)	($59)	($26)	($4)	$10	$19	$27	$33	$42	($1,757)
25	ISR Res-NH Recon End Balance	($170,561)	($144,317)	($108,611)	($72,943)	($38,037)	($12,057)	$5,044	$14,377	$21,683	$28,553	$35,560	$44,157	$44,157
26	Under/(over) Recovery	($1,035)	$26,245	$35,706	$35,667	$34,906	$25,980	$17,101	$9,333	$7,306	$6,870	$7,007	$8,597	
27	**ISR Res-H Acct Beg. Balance**	($43,213)	($25,089)	($25,116)	($25,143)	($25,167)	($25,193)	($25,219)	($25,246)	($25,272)	($25,299)	($25,326)	($25,352)	($42,898)
28	**FY 2012 Recon**	$27,068												$27,068
29	Actual Res-H Revenue	$8,909	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,909
30	Ending Res-H Balance	($25,054)	($25,089)	($25,116)	($25,143)	($25,167)	($25,193)	($25,219)	($25,246)	($25,272)	($25,299)	($25,326)	($25,352)	($24,739)
31	Average Monthly Balance	($34,134)	($25,089)	($25,116)	($25,143)	($25,167)	($25,193)	($25,219)	($25,246)	($25,272)	($25,299)	($25,326)	($25,352)	
32	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%	
33	Interest Applied	($35)	($27)	($27)	($24)	($27)	($26)	($27)	($26)	($27)	($27)	($26)	($27)	($640)
34	ISR Res-H Recon End Balance	($25,089)	($25,116)	($25,143)	($25,167)	($25,193)	($25,219)	($25,246)	($25,272)	($25,299)	($25,326)	($25,352)	($25,379)	($25,379)
35	Under/(over) Recovery	$18,124	($27)	($27)	($24)	($27)	($26)	($27)	($26)	($27)	($27)	($26)	($27)	
36	**ISR Small C&I Acct Beg. Balance**	$39,253	$38,559	$33,355	$25,104	$16,774	$8,855	$3,840	$1,486	$544	-$163	-$1,087	-$2,173	$38,967
37	**FY 2012 Recon**	$719												$719
38	Actual Small C&I Revenue	$1,453	$5,242	$8,282	$8,351	$7,932	$5,021	$2,357	$943	$707	$924	$1,084	$1,074	$43,371
39	Ending Small C&I Balance	$38,519	$33,317	$25,073	$16,754	$8,842	$3,834	$1,484	$543	-$163	-$1,087	-$2,171	-$3,247	($3,685)
40	Average Monthly Balance	$38,886	$35,938	$29,214	$20,929	$12,808	$6,345	$2,662	$1,015	$191	-$625	-$1,629	-$2,710	
41	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%	
42	Interest Applied	$40	$38	$31	$20	$14	$7	$3	$1	$0	-$1	-$2	-$3	$435
43	ISR Small C&I Recon End Balance	$38,559	$33,355	$25,104	$16,774	$8,855	$3,840	$1,486	$544	-$163	-$1,087	-$2,173	($3,250)	($3,250)
44	Under/(over) Recovery	($694)	($5,204)	($8,251)	($8,331)	($7,918)	($5,015)	($2,354)	($942)	($707)	($925)	($1,086)	($1,077)	

National Grid - RI Gas
ISR Reconciliation for FY 13

Line No.		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Total
		30	31	31	28	31	30	31	30	31	31	30	31	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	ISR Recon Rates $/decatherm	Prorated												
45	**ISR Medium Acct Beg. Balance**	$53,737	$53,871	$46,693	$36,954	$27,126	$17,701	$10,974	$7,040	$5,272	$3,643	$2,178	$525	$53,345
46	**FY 2012 Recon**	$2,639												$2,639
47	Actual Medium Revenue	$2,560	$7,232	$9,783	$9,859	$9,448	$6,742	$3,943	$1,774	$1,634	$1,468	$1,654	$2,124	$58,222
48	Ending Medium Balance	$53,816	$46,640	$36,910	$27,095	$17,678	$10,959	$7,031	$5,266	$3,639	$2,175	$524	-$1,598	($2,238)
49	Average Monthly Balance	$53,777	$50,255	$41,801	$32,025	$22,402	$14,330	$9,002	$6,153	$4,455	$2,909	$1,351	-$537	
50	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%	
51	Interest Applied	$55	$53	$44	$31	$24	$15	$10	$6	$5	$3	$1	-$1	$639
52	ISR Medium Recon End Balance	$53,871	$46,693	$36,954	$27,126	$17,701	$10,974	$7,040	$5,272	$3,643	$2,178	$525	($1,599)	($1,599)
53	Under/(over) Recovery	$134	($7,178)	($9,739)	($9,828)	($9,424)	($6,728)	($3,933)	($1,768)	($1,629)	($1,465)	($1,653)	($2,124)	
54	**ISR Large LL Acct Beg. Balance**	$3,872	$3,387	$2,954	$2,397	$1,804	$1,298	$882	$738	$707	$681	$648	$601	$3,844
55	**FY 2012 Recon**	$191												$191
56	Actual Large LL Revenue	$680	$437	$559	$596	$507	$418	$144	$32	$27	$34	$47	$107	$3,587
57	Ending Large LL Balance	$3,383	$2,950	$2,395	$1,801	$1,297	$881	$738	$706	$680	$647	$601	$494	$448
58	Average Monthly Balance	$3,628	$3,169	$2,674	$2,099	$1,550	$1,090	$810	$722	$694	$664	$624	$548	
59	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%	
60	Interest pplied A	$4	$3	$3	$2	$2	$1	$1	$1	$1	$1	$1	$1	$47
61	ISR Large LL Recon End Balance	$3,387	$2,954	$2,397	$1,804	$1,298	$882	$738	$707	$681	$648	$601	$495	$495
62	Under/(over) Recovery	($485)	($433)	($556)	($594)	($505)	($416)	($144)	($31)	($26)	($33)	($46)	($106)	
63	**ISR Large HL Acct Beg. Balance**	$24,777	$22,935	$20,899	$18,724	$14,501	$12,105	$10,344	$8,537	$6,980	$5,589	$4,235	$2,603	$24,596
64	**FY 2012 Recon**	($426)												($426)
65	Actual Large HL Revenue	$1,440	$2,059	$2,196	$4,239	$2,410	$1,772	$1,818	$1,564	$1,398	$1,359	$1,635	$1,513	$23,405
66	Ending Large HL Balance	$22,911	$20,876	$18,703	$14,485	$12,091	$10,333	$8,527	$6,972	$5,582	$4,229	$2,599	$1,090	$765
67	Average Monthly Balance	$23,844	$21,906	$19,801	$16,604	$13,296	$11,219	$9,435	$7,754	$6,281	$4,909	$3,417	$1,846	
68	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%	
69	Interest Applied	$24	$23	$21	$16	$14	$12	$10	$8	$7	$5	$4	$2	$326
70	ISR Large HL Recon End Balance	$22,935	$20,899	$18,724	$14,501	$12,105	$10,344	$8,537	$6,980	$5,589	$4,235	$2,603	$1,091	$1,091
71	Under/(over) Recovery	($1,842)	($2,036)	($2,175)	($4,223)	($2,396)	($1,761)	($1,808)	($1,556)	($1,391)	($1,354)	($1,632)	($1,511)	
72	**ISR XL LL Acct Beg. Balance**	($22,834)	($22,407)	($19,060)	($15,687)	($12,190)	($9,659)	($6,983)	($6,440)	($6,424)	($6,632)	($6,455)	($6,165)	($22,667)
73	**FY 2012 Recon**	($360)												($360)
74	Actual XL LL Revenue	($810)	($3,369)	($3,392)	($3,510)	($2,543)	($2,684)	($551)	($22)	$201	($183)	($297)	($1,125)	($18,285)
75	Ending XL LL Balance	($22,384)	($19,038)	($15,668)	($12,177)	($9,647)	($6,975)	($6,433)	($6,418)	($6,625)	($6,449)	($6,158)	($5,039)	($4,742)
76	Average Monthly Balance	($22,609)	($20,722)	($17,364)	($13,932)	($10,919)	($8,317)	($6,708)	($6,429)	($6,525)	($6,540)	($6,307)	($5,602)	
77	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%	
78	Interest Applied	($23)	($22)	($18)	($13)	($12)	($9)	($7)	($7)	($7)	($7)	($6)	($6)	($304)
79	ISR XL LL Recon End Balance	($22,407)	($19,060)	($15,687)	($12,190)	($9,659)	($6,983)	($6,440)	($6,424)	($6,632)	($6,455)	($6,165)	($5,045)	($5,045)
80	Under/(over) Recovery	$427	$3,347	$3,373	$3,497	$2,531	$2,676	$543	$15	($208)	$177	$291	$1,119	
81	**ISR XL HL Acct Beg. Balance**	($15,204)	($12,676)	($11,599)	($10,371)	($9,000)	($7,993)	($6,753)	($6,110)	($5,169)	($4,516)	($3,674)	($2,854)	($15,093)
82	**FY 2012 Recon**	$1,665												$1,665
83	Actual XL HL Revenue	($877)	($1,090)	($1,239)	($1,380)	($1,016)	($1,248)	($650)	($946)	($658)	($846)	($824)	($918)	($11,693)
84	Ending XL HL Balance	($12,662)	($11,586)	($10,360)	($8,991)	($7,984)	($6,745)	($6,103)	($5,163)	($4,511)	($3,670)	($2,850)	($1,936)	($1,735)
85	Average Monthly Balance	($13,933)	($12,131)	($10,979)	($9,681)	($8,492)	($7,369)	($6,428)	($5,637)	($4,840)	($4,093)	($3,262)	($2,395)	
86	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%	
87	Interest Applied	($14)	($13)	($12)	($9)	($9)	($8)	($7)	($6)	($5)	($4)	($3)	($3)	($204)
88	ISR XL HL Recon End Balance	($12,676)	($11,599)	($10,371)	($9,000)	($7,993)	($6,753)	($6,110)	($5,169)	($4,516)	($3,674)	($2,854)	($1,938)	($1,938)
89	Under/(over) Recovery	$2,528	$1,077	$1,228	$1,371	$1,007	$1,240	$643	$940	$653	$842	$821	$915	

Approved Amount to be Recovered[1]	($128,195)
Under/ (Over) Recovery	$8,532

[1]Docket No. 4431, MCS-9, Page 1 of 2, Line (10), Column (d) - Column (e)

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

October 31, 2013 Ending Deferred Balances

Line No.		Actual	Forecast[1]	Difference
		(a)	(b)	(c) = (a) - (b)
1	System Pressure	$1,218,433	$843,107	$375,326
2	Environmental - DAC	($18,369)	($16,759)	($1,610)
3	Previous Reconciliation Factor	$31,782	$30,805	$976
4	On-System Margin Credits	$18,020	$19,799	($1,779)
5	Pension	($9,865)	($15,797)	$5,932
6	PBOP	($91,827)	($90,640)	($1,188)
7	Capital Tracker/ARP	$714,288	$714,288	$0
8	SQ	$2,707	$3,047	($340)
9	RDM	$755,479	$705,936	$49,543
10	ISR Recon	$26,074	$25,108	$966
11	**Total**	$2,646,721	$2,218,895	$427,826

(1) Docket 4431, MCS-7S, Pages 2-4, 6-8 filed on September 3, 2013

Schedule
YC-8S

Schedule YC-8
Revenue Decoupling Adjustment Factor

National Grid - RI Gas
RDM Factor
Effective November 1, 2014

Line No.			
1	RDM Reconciliation	($8,989,002)	
2	Throughput for Residential/Small/Medium C&I	27,589,595	dth
3	RDM Factor - per dth	($0.3250)	per dth
4	RDM Factor - per therm	**($0.0325)**	**per therm**

1 Page 4, Column (n), Line 105
2 Company Forecast
3 Line (1) / Line (2)
4 Line (3) / 10

Line No.		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Total Per Rate Class
		28	31	30	31	30	31	31	30	31	30	31	31	28	31	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	Residential Non-Heat															
1	Benchmark Revenue Per Customer (RPC)	$23.60	$23.01	$21.04	$18.38	$16.89	$16.22	$15.58	$15.84	$16.38	$17.97	$20.83	$23.30	$23.60	$23.01	
2	RPC Factor Acct Beg. Bal.	$0	($128,274)	($309,033)	($479,594)	($581,689)	($639,065)	($685,521)	($738,935)	($789,031)	($838,582)	($943,589)	($1,196,463)	($1,555,379)	($1,908,093)	
3	Actual Number of Customers	25,856	25,885	25,836	25,744	25,678	25,516	25,456	25,479	25,503	25,593	25,648	25,669	25,669	25,619	
4	Actual Base Revenue	$738,296	$776,072	$713,708	$574,771	$490,500	$459,617	$449,167	$452,818	$466,464	$563,870	$785,915	$955,539	$956,725	$944,003	
5	Actual Base Revenue Per Customer	$28.55	$29.98	$27.62	$22.33	$19.10	$18.01	$17.64	$17.77	$18.29	$22.03	$30.64	$37.23	$37.27	$36.85	
6	RPC Variance (Benchmark- Actual)	($4.96)	($6.97)	($6.59)	($3.94)	($2.21)	($1.79)	($2.07)	($1.94)	($1.91)	($4.07)	($9.82)	($13.93)	($13.68)	($13.84)	
7	Monthly Variance	($128,213)	($180,527)	($170,156)	($101,532)	($56,749)	($45,753)	($52,659)	($49,311)	($48,688)	($104,091)	($251,739)	($357,456)	($351,055)	($354,577)	
8	Preliminary End Balance	($128,213)	($308,801)	($479,189)	($581,126)	($638,439)	($684,818)	($738,180)	($788,246)	($837,719)	($942,674)	($1,195,328)	($1,553,919)	($1,906,433)	($2,262,670)	
9	Average Balance	($64,106)	($218,538)	($394,111)	($530,360)	($610,064)	($661,942)	($711,850)	($763,591)	($813,375)	($890,628)	($1,069,458)	($1,375,191)	($1,730,906)	($2,085,382)	
10	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
11	Interest Applied	($61)	($232)	($405)	($563)	($627)	($703)	($756)	($785)	($864)	($915)	($1,135)	($1,460)	($1,660)	($2,214)	
12	RPC Factor Account End Balance	($128,274)	($309,033)	($479,594)	($581,689)	($639,065)	($685,521)	($738,935)	($789,031)	($838,582)	($943,589)	($1,196,463)	($1,555,379)	($1,908,093)	($2,264,884)	
13	Under/(Over) Recovery	($128,274)	($180,759)	($170,561)	($102,095)	($57,376)	($46,455)	($53,415)	($50,095)	($49,552)	($105,006)	($252,874)	($358,916)	($352,714)	($356,791)	(2,264,884)
	Residential Non-Heat Low Income															
14	Benchmark Revenue Per Customer (RPC)	$23.60	$23.01	$21.04	$18.38	$16.89	$16.22	$15.58	$15.84	$16.38	$17.97	$20.83	$23.30	$23.60	$23.01	
15	RPC Factor Acct Beg. Bal.	$0	($15,802)	($29,589)	($39,578)	($43,107)	($45,668)	($47,707)	($50,143)	($52,951)	($56,379)	($64,774)	($84,199)	($109,734)	($133,786)	
16	Actual Number of Customers	378	370	361	396	407	499	508	490	477	465	459	456	454	505	
17	Actual Base Revenue (w/o discount)	$24,713	$22,276	$17,549	$10,765	$9,391	$10,083	$10,296	$10,516	$11,184	$16,686	$28,906	$36,057	$34,647	$33,279	
18	Actual Base Revenue Per Customer	$65.38	$60.20	$48.61	$27.18	$23.07	$20.21	$20.27	$21.46	$23.45	$35.88	$62.98	$79.07	$76.32	$65.90	
19	RPC Variance (Benchmark- Actual)	($41.78)	($37.20)	($27.57)	($8.80)	($6.18)	($3.99)	($4.69)	($5.62)	($7.06)	($17.92)	($42.15)	($55.77)	($52.72)	($42.89)	
20	Monthly Variance	($15,794)	($13,763)	($9,954)	($3,485)	($2,516)	($1,989)	($2,384)	($2,756)	($3,370)	($8,333)	($19,346)	($25,432)	($23,935)	($21,660)	
21	Preliminary End Balance	($15,794)	($29,565)	($39,543)	($43,063)	($45,623)	($47,658)	($50,091)	($52,898)	($56,321)	($64,711)	($84,120)	($109,631)	($133,669)	($155,445)	
22	Average Balance	($7,897)	($22,683)	($34,566)	($41,321)	($44,365)	($46,663)	($48,899)	($51,520)	($54,636)	($60,545)	($74,447)	($96,915)	($121,701)	($144,616)	
23	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
24	Interest Applied	($8)	($24)	($36)	($44)	($46)	($50)	($52)	($53)	($58)	($62)	($79)	($103)	($117)	($154)	
25	RPC Factor Account End Balance	($15,802)	($29,589)	($39,578)	($43,107)	($45,668)	($47,707)	($50,143)	($52,951)	($56,379)	($64,774)	($84,199)	($109,734)	($133,786)	($155,599)	
26	Under/(Over) Recovery	($15,802)	($13,787)	($9,989)	($3,529)	($2,561)	($2,039)	($2,435)	($2,809)	($3,428)	($8,395)	($19,425)	($25,535)	($24,052)	($21,813)	(155,599)
	Residential Non-Heat (incl Low Income)															
27	Benchmark Revenue Per Customer (RPC)	$23.60	$23.01	$21.04	$18.38	$16.89	$16.22	$15.58	$15.84	$16.38	$17.97	$20.83	$23.30	$23.60	$23.01	
28	RPC Factor Acct Beg. Bal.	$0	($144,076)	($338,622)	($519,172)	($624,796)	($684,734)	($733,228)	($789,078)	($841,982)	($894,961)	($1,008,362)	($1,280,662)	($1,665,113)	($2,041,879)	
29	Actual Number of Customers	26,234	26,255	26,197	26,140	26,085	26,015	25,964	25,969	25,980	26,058	26,107	26,125	26,123	26,124	
30	Actual Base Revenue (w/o discount)	$763,009	$798,348	$731,257	$585,535	$499,891	$469,700	$459,464	$463,334	$477,647	$580,556	$814,821	$991,596	$991,373	$977,282	
31	Actual Base Revenue Per Customer	$29.08	$30.41	$27.91	$22.40	$19.16	$18.05	$17.70	$17.84	$18.39	$22.28	$31.21	$37.96	$37.95	$37.41	
32	RPC Variance (Benchmark- Actual)	($5.49)	($7.40)	($6.88)	($4.02)	($2.27)	($1.84)	($2.12)	($2.00)	($2.00)	($4.31)	($10.38)	($14.66)	($14.35)	($14.40)	
33	Monthly Variance	($144,007)	($194,290)	($180,110)	($105,017)	($59,265)	($47,742)	($55,042)	($52,066)	($52,058)	($112,424)	($271,085)	($382,888)	($374,990)	($376,237)	
34	Preliminary End Balance	($144,007)	($338,366)	($518,732)	($624,189)	($684,061)	($732,476)	($788,270)	($841,144)	($894,040)	($1,007,385)	($1,279,447)	($1,663,550)	($2,040,102)	($2,418,116)	
35	Average Balance	($72,003)	($241,221)	($428,677)	($571,681)	($654,429)	($708,605)	($760,749)	($815,111)	($868,011)	($951,173)	($1,143,905)	($1,472,106)	($1,852,607)	($2,229,997)	
36	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
37	Interest Applied	($69)	($256)	($440)	($607)	($672)	($752)	($808)	($837)	($922)	($977)	($1,214)	($1,563)	($1,776)	($2,367)	
38	RPC Factor Account End Balance	($144,076)	($338,622)	($519,172)	($624,796)	($684,734)	($733,228)	($789,078)	($841,982)	($894,961)	($1,008,362)	($1,280,662)	($1,665,113)	($2,041,879)	($2,420,483)	
39	Under/(Over) Recovery	($144,076)	($194,546)	($180,550)	($105,624)	($59,937)	($48,494)	($55,850)	($52,904)	($52,979)	($113,401)	($272,299)	($384,451)	($376,766)	($378,605)	(2,420,483)

Line No.		Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Total Per Rate Class
		28	31	30	31	30	31	31	30	31	30	31	31	28	31	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	Residential Heating															
40	Benchmark Revenue Per Customer (RPC)	$75.31	$70.00	$54.03	$35.04	$24.88	$22.05	$20.80	$21.12	$22.90	$34.10	$55.57	$71.38	$75.31	$70.00	
41	RPC Factor Acct Beg. Bal.	$0	$1,170,500	$1,274,334	$260,093	($63,842)	($79,062)	($63,645)	($204,055)	($293,771)	($254,989)	($304,129)	($1,774,020)	($3,558,483)	($4,502,239)	
42	Actual Number of Customers	188,346	188,723	188,583	187,023	186,352	184,049	183,765	184,505	185,940	188,130	189,559	190,600	191,238	190,140	
43	Actual Base Revenue	$13,013,626	$13,107,453	$11,203,246	$6,877,129	$4,651,866	$4,042,406	$3,962,573	$3,986,113	$4,218,581	$6,464,477	$12,002,641	$15,386,183	$15,341,243	$15,061,274	
44	Actual Base Revenue Per Customer	$69.09	$69.45	$59.41	$36.77	$24.96	$21.96	$21.56	$21.60	$22.69	$34.36	$63.32	$80.72	$80.22	$79.21	
45	RPC Variance (Benchmark- Actual)	$6.21	$0.54	($5.38)	($1.73)	($0.08)	$0.08	($0.76)	($0.48)	$0.21	($0.26)	($7.75)	($9.35)	($4.91)	($9.21)	
46	Monthly Variance	$1,169,939	$102,537	($1,015,029)	($324,039)	($15,147)	$15,493	($140,269)	($89,460)	$39,073	($48,852)	($1,468,789)	($1,781,634)	($939,893)	($1,752,098)	
47	Preliminary End Balance	$1,169,939	$1,273,037	$259,305	($63,946)	($78,989)	($63,569)	($203,913)	($293,516)	($254,698)	($303,841)	($1,772,918)	($3,555,654)	($4,498,376)	($6,254,338)	
48	Average Balance	$584,969	$1,221,768	$766,820	$98,073	($71,415)	($71,315)	($133,779)	($248,786)	($274,235)	($279,415)	($1,038,523)	($2,664,837)	($4,028,430)	($5,378,288)	
49	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
50	Interest Applied	$561	$1,297	$788	$104	($73)	($76)	($142)	($256)	($291)	($287)	($1,103)	($2,829)	($3,863)	($5,710)	
51	RPC Factor Account End Balance	$1,170,500	$1,274,334	$260,093	($63,842)	($79,062)	($63,645)	($204,055)	($293,771)	($254,989)	($304,129)	($1,774,020)	($3,558,483)	($4,502,239)	($6,260,047)	
52	Under/(Over) Recovery	$1,170,500	$103,834	($1,014,241)	($323,935)	($15,220)	$15,417	($140,411)	($89,716)	$38,782	($49,139)	($1,469,892)	($1,784,463)	($943,756)	($1,757,808)	(6,260,047)
	Residential Heating - Low Income															
53	Benchmark Revenue Per Customer (RPC)	$75.31	$70.00	$54.03	$35.04	$24.88	$22.05	$20.80	$21.12	$22.90	$34.10	$55.57	$71.38	$75.31	$70.00	
54	RPC Factor Acct Beg. Bal.	$0	$94,041	$95,552	($11,114)	($18,017)	($30,685)	($33,275)	($65,017)	($96,166)	($115,366)	($144,307)	($322,864)	($514,303)	($602,874)	
55	Actual Number of Customers	18,178	18,011	17,943	18,537	18,501	20,169	19,948	19,413	18,989	18,649	18,477	18,264	18,119	19,422	
56	Actual Base Revenue (w/o discount)	$1,274,915	$1,259,300	$1,076,082	$656,404	$472,976	$447,241	$446,607	$441,059	$453,898	$664,777	$1,205,082	$1,494,634	$1,452,503	$1,433,353	
57	Actual Base Revenue Per Customer	$70.14	$69.92	$59.97	$35.41	$25.56	$22.17	$22.39	$22.72	$23.90	$35.65	$65.22	$81.83	$80.16	$73.80	
58	RPC Variance (Benchmark- Actual)	$5.17	$0.08	($5.95)	($0.37)	($0.68)	($0.13)	($1.59)	($1.60)	($1.01)	($1.54)	($9.65)	($10.46)	($4.86)	($3.80)	
59	Monthly Variance	$93,996	$1,410	($106,710)	($6,887)	($12,643)	($2,556)	($31,689)	($31,066)	($19,088)	($28,807)	($178,309)	($190,995)	($88,035)	($73,877)	
60	Preliminary End Balance	$93,996	$95,451	($11,158)	($18,001)	($30,660)	($33,241)	($64,965)	($96,083)	($115,254)	($144,173)	($322,616)	($513,859)	($602,339)	($676,751)	
61	Average Balance	$46,998	$94,746	$42,197	($14,558)	($24,338)	($31,963)	($49,120)	($80,550)	($105,710)	($129,770)	($233,461)	($418,361)	($558,321)	($639,813)	
62	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%	1.25%	1.25%	
63	Interest Applied	$45	$101	$43	($15)	($25)	($34)	($52)	($83)	($112)	($133)	($248)	($444)	($535)	($679)	
64	RPC Factor Account End Balance	$94,041	$95,552	($11,114)	($18,017)	($30,685)	($33,275)	($65,017)	($96,166)	($115,366)	($144,307)	($322,864)	($514,303)	($602,874)	($677,430)	
65	Under/(Over) Recovery	$94,041	$1,511	($106,666)	($6,902)	($12,668)	($2,590)	($31,741)	($31,149)	($19,200)	($28,941)	($178,557)	($191,439)	($88,571)	($74,556)	(677,430)
	Residential Heat (incl Low Income)															
66	Benchmark Revenue Per Customer (RPC)	$75.31	$70.00	$54.03	$35.04	$24.88	$22.05	$20.80	$21.12	$22.90	$34.10	$55.57	$71.38	$75.31	$70.00	
67	RPC Factor Acct Beg. Bal.	$0	$1,264,541	$1,369,886	$248,979	($81,859)	($109,747)	($96,920)	($269,072)	($389,937)	($370,355)	($448,435)	($2,096,884)	($4,072,786)	($5,105,113)	
68	Actual Number of Customers	206,524	206,734	206,526	205,560	204,853	204,218	203,713	203,918	204,929	206,779	208,036	208,864	209,357	209,562	
69	Actual Base Revenue (w/o discount)	$14,288,540	$14,366,754	$12,279,328	$7,533,533	$5,124,842	$4,489,647	$4,409,179	$4,427,172	$4,672,479	$7,129,254	$13,207,723	$16,880,816	$16,793,746	$16,494,627	
70	Actual Base Revenue Per Customer	$69.19	$69.49	$59.46	$36.65	$25.02	$21.98	$21.64	$21.71	$22.80	$34.48	$63.49	$80.82	$80.22	$78.71	
71	RPC Variance (Benchmark- Actual)	$6.12	$0.50	($5.43)	($1.61)	($0.14)	$0.06	($0.84)	($0.59)	$0.10	($0.38)	($7.92)	($9.44)	($4.91)	($8.71)	
72	Monthly Variance	$1,263,935	$103,947	($1,121,738)	($330,926)	($27,790)	$12,937	($171,958)	($120,527)	$19,985	($77,659)	($1,647,099)	($1,972,629)	($1,027,929)	($1,825,975)	
73	Preliminary End Balance	$1,263,935	$1,368,488	$248,147	($81,947)	($109,648)	($96,810)	($268,878)	($389,599)	($369,952)	($448,015)	($2,095,534)	($4,069,513)	($5,100,715)	($6,931,089)	
74	Average Balance	$631,967	$1,316,515	$809,017	$83,516	($95,754)	($103,279)	($182,899)	($329,335)	($379,945)	($409,185)	($1,271,985)	($3,083,199)	($4,586,751)	($6,018,101)	
75	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%	1.25%	1.25%	
76	Interest Applied	$606	$1,398	$831	$89	($98)	($110)	($194)	($338)	($403)	($420)	($1,350)	($3,273)	($4,398)	($6,389)	
77	RPC Factor Account End Balance	$1,264,541	$1,369,886	$248,979	($81,859)	($109,747)	($96,920)	($269,072)	($389,937)	($370,355)	($448,435)	($2,096,884)	($4,072,786)	($5,105,113)	($6,937,478)	
78	Under/(Over) Recovery	$1,264,541	$105,345	($1,120,907)	($330,837)	($27,888)	$12,827	($172,152)	($120,865)	$19,582	($78,080)	($1,648,449)	($1,975,902)	($1,032,327)	($1,832,364)	(6,937,478)

Line No.		Feb-13 28 (a)	Mar-13 31 (b)	Apr-13 30 (c)	May-13 31 (d)	Jun-13 30 (e)	Jul-13 31 (f)	Aug-13 31 (g)	Sep-13 30 (h)	Oct-13 31 (i)	Nov-13 30 (j)	Dec-13 31 (k)	Jan-14 31 (l)	Feb-14 28 (m)	Mar-14 31 (n)	Total Per Rate Class (o)
	Small C&I															
79	Benchmark Revenue Per Customer (RPC)	$101.17	$104.13	$77.93	$50.14	$33.47	$31.72	$29.56	$29.40	$32.02	$46.85	$78.12	$116.16	$101.17	$104.13	
80	RPC Factor Acct Beg. Bal.	$0	($39,047)	$79,067	$5,831	$13,980	$60,812	$106,081	$107,578	$116,567	$152,981	$201,036	$33,264	$46,474	($243,199)	
81	Actual Number of Customers	18,800	18,800	18,697	18,524	18,381	18,270	18,221	18,243	18,367	18,680	18,856	18,995	19,020	19,027	
82	Actual Base Revenue	1,940,940	1,839,520	1,530,397	920,712	568,493	534,435	537,170	527,556	551,844	827,328	1,640,896	2,193,198	2,213,747	2,151,400	
83	Actual Base Revenue Per Customer	$103.24	$97.85	$81.85	$49.70	$30.93	$29.25	$29.48	$28.92	$30.05	$44.29	$87.02	$115.46	$116.39	$113.07	
84	RPC Variance (Benchmark- Actual)	($2.08)	$6.28	($3.92)	$0.44	$2.55	$2.47	$0.08	$0.49	$1.97	$2.56	($8.90)	$0.69	($15.22)	($8.94)	
85	Monthly Variance	($39,028)	$118,093	($73,280)	$8,139	$46,793	$45,181	$1,384	$8,873	$36,271	$47,873	($167,897)	$13,168	($289,578)	($170,151)	
86	Preliminary End Balance	($39,028)	$79,046	$5,787	$13,970	$60,774	$105,993	$107,465	$116,452	$152,838	$200,854	$33,139	$46,432	($243,104)	($413,350)	
87	Average Balance	($19,514)	$20,000	$42,427	$9,900	$37,377	$83,402	$106,773	$112,015	$134,702	$176,918	$117,088	$39,848	($98,315)	($328,274)	
88	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%	1.25%	1.25%	
89	Interest Applied	($19)	$21	$44	$11	$38	$89	$113	$115	$143	$182	$124	$42	($94)	($349)	
90	RPC Factor Account End Balance	($39,047)	$79,067	$5,831	$13,980	$60,812	$106,081	$107,578	$116,567	$152,981	$201,036	$33,264	$46,474	($243,199)	($413,698)	
91	Under/(Over) Recovery	($39,047)	$118,114	($73,237)	$8,150	$46,832	$45,269	$1,497	$8,988	$36,414	$48,055	($167,773)	$13,210	($289,673)	($170,499)	(413,698)
	Medium C&I															
92	Benchmark Revenue Per Customer (RPC)	$518.03	$496.12	$390.91	$306.74	$258.99	$228.10	$215.25	$227.59	$250.75	$319.05	$401.46	$503.80	$518.03	$496.12	
93	RPC Factor Acct Beg. Bal.	$0	$293,140	$470,060	$537,003	$689,503	$892,756	$1,013,886	$1,046,918	$1,141,536	$1,281,977	$1,472,040	$1,307,021	$1,062,665	$930,040	
94	Actual Number of Customers	4,696	4,705	4,702	4,691	4,694	4,684	4,665	4,678	4,700	4,734	4,758	4,773	4,780	4,784	
95	Actual Base Revenue	$2,139,687	$2,157,723	1,771,631	1,287,051	1,013,244	948,317	972,226	971,160	1,039,382	1,321,738	2,076,641	2,650,229	2,609,782	2,521,722	
96	Actual Base Revenue Per Customer	$455.64	$458.60	$376.78	$274	$216	$202	$208	$208	$221	$279	$436	$555	$546	$527	
97	RPC Variance (Benchmark- Actual)	$62.39	$37.52	$14.13	$32	$43	$26	$7	$20	$30	$40	($35)	($51)	($28)	($31)	
98	Monthly Variance	$293,000	$176,514	$66,426	$151,849	$202,441	$120,119	$31,938	$93,494	$139,155	$188,649	($166,493)	($245,614)	($133,579)	($148,291)	
99	Preliminary End Balance	$293,000	$469,655	$536,486	$688,852	$891,944	$1,012,875	$1,045,825	$1,140,412	$1,280,691	$1,470,626	$1,305,547	$1,061,407	$929,085	$781,749	
100	Average Balance	$146,500	$381,398	$503,273	$612,928	$790,723	$952,816	$1,029,856	$1,093,665	$1,211,113	$1,376,301	$1,388,793	$1,184,214	$995,875	$855,895	
101	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%	1.25%	1.25%	
102	Interest Applied	$140	$405	$517	$651	$812	$1,012	$1,093	$1,124	$1,286	$1,414	$1,474	$1,257	$955	$909	
103	RPC Factor Account End Balance	$293,140	$470,060	$537,003	$689,503	$892,756	$1,013,886	$1,046,918	$1,141,536	$1,281,977	$1,472,040	$1,307,021	$1,062,665	$930,040	$782,658	
104	Under/(Over) Recovery	$293,140	$176,919	$66,943	$152,500	$203,253	$121,130	$33,032	$94,618	$140,441	$190,063	($165,019)	($244,356)	($132,624)	($147,383)	782,658
105	**Ending Balances**														($8,989,002)	

Schedule
YC-9S

Schedule YC-9S
ISR Reconciliation Factors

National Grid - RI Gas
FY 14 ISR Reconciliation Factors
Effective November 1, 2014

Line No.	Revenue Requirement	Rate Class	Rate Base Allocator %	Allocation to Rate Class	Actual Revenue	Difference	ISR Recon Under/(Over) Recovery	Total Under Recovery by Rate Class	Forecasted Throughput (dth)	ISR Recon (dth)	ISR Recon (therm)
1	(a) (b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
2	$1,633,930										
3		Res-NH	3.73%	$60,962	$38,222	$22,741	$44,157	$66,897	761,987	$0.0877	$0.0087
4		Res-H	61.56%	$1,005,817	$417,749	$588,068	($25,379)	$562,690	18,973,642	$0.0296	$0.0029
5		Small	8.19%	$133,770	$56,392	$77,379	($3,250)	$74,128	2,555,277	$0.0290	$0.0029
6		Medium	13.58%	$221,942	$91,561	$130,381	($1,599)	$128,782	5,298,689	$0.0243	$0.0024
7		Large LL	6.04%	$98,640	$40,649	$57,991	$495	$58,486	2,932,140	$0.0199	$0.0019
8		Large HL	2.35%	$38,468	$19,241	$19,227	$1,091	$20,318	1,183,444	$0.0171	$0.0017
9		XL-LL	0.77%	$12,564	$5,696	$6,867	($5,045)	$1,822	1,058,607	$0.0017	$0.0001
10		XL-HL	3.78%	$61,767	$28,400	$33,366	($1,938)	$31,428	5,346,731	$0.0058	$0.0005
		Total	100.00%	$1,633,930	$697,910	$936,020	$8,532	$944,552	38,110,517		

(a) Docket 4380, FY 14 Updated ISR Cummulative Revenue Requirement filed Aug 1, 2014
(c) Docket 4323, RI 2012 Rate Case
(d) Col (a), Line 1 X Col (c), Lines 2 through 9 respectively
(e) Page 2, Col (n), Lines 18 through 25
(f) Column (d) - Column (e)
(g) YC-7S - Page 7,8 Column (l) Lines 25, 34, 43, 52, 61, 70, 79, 88
(h) Column (f) + Column (g)
(i) Per Company Forecast
(j) Column (h) / Column (i)
(k) Column (j) / 10

National Grid - RI Gas
FY 2014 Gas ISR

Line No.		(a)	Apr-13 (b)	May-13 (c)	Jun-13 (d)	Jul-13 (e)	Aug-13 (f)	Sep-13 (g)	Oct-13 (h)	Nov-13 (i)	Dec-13 (j)	Jan-14 (k)	Feb-14 (l)	Mar-14 (m)	**Total** (n)
	ISR Rates $/dth (w/o uncollectibles)		actual - 50%/50%	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
1	Res-NH	$0.00	$0.0222	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	$0.0444	
2	Res-H	$0.00	$0.0115	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	$0.0230	
3	Small	$0.00	$0.0115	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	$0.0229	
4	Medium	$0.00	$0.0084	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	
5	Large LL	$0.00	$0.0072	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	$0.0144	
6	Large HL	$0.00	$0.0084	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	$0.0168	
7	XL-LL	$0.00	$0.0024	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	$0.0048	
8	XL-HL	$0.00	$0.0027	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	$0.0053	
	RI Firm Throughput (dth)														
9	Res-NH		88,456	55,392	37,045	29,727	27,953	28,514	31,992	55,340	108,460	148,680	148,361	145,157	905,074
10	Res-H		2,183,017	1,098,773	569,926	410,415	392,371	396,332	459,529	1,069,380	2,438,809	3,466,384	3,435,123	3,334,439	19,254,497
11	Small		278,735	128,656	49,170	40,658	44,579	35,651	49,094	115,595	324,268	517,511	521,961	496,004	2,601,882
12	Medium		588,764	325,217	187,113	158,376	162,881	161,807	196,053	339,084	715,690	978,145	985,947	945,350	5,744,426
13	Large LL		369,799	122,209	37,469	25,612	38,830	45,311	78,383	197,162	431,569	559,172	595,716	506,522	3,007,753
14	Large HL		113,111	69,178	68,502	71,204	63,883	84,827	84,960	101,997	101,893	109,799	211,968	120,561	1,201,882
15	XL-LL		300,780	(64,639)	(226)	(10,571)	12,441	39,525	40,905	106,115	238,139	242,187	250,714	181,749	1,337,119
16	XL-HL		565,070	352,513	281,843	478,755	398,632	401,765	366,617	438,397	539,552	619,503	689,975	508,480	5,641,102
17	Total	Sum ([9]:[16])	4,487,733	2,087,298	1,230,842	1,204,176	1,141,569	1,193,729	1,307,533	2,423,071	4,898,381	6,641,379	6,839,764	6,238,261	39,693,734
	ISR Actual Revenue														
18	Res-NH	(1) * (9)	$1,964	$2,459	$1,645	$1,320	$1,241	$1,266	$1,420	$2,457	$4,816	$6,601	$6,587	6,445	$38,222
19	Res-H	(2) * (10)	$25,105	$25,272	$13,108	$9,440	$9,025	$9,116	$10,569	$24,596	$56,093	$79,727	$79,008	76,692	$417,749
20	Small	(3) * (11)	$3,192	$2,946	$1,126	$931	$1,021	$816	$1,124	$2,647	$7,426	$11,851	$11,953	11,358	$56,392
21	Medium	(4) * (12)	$4,946	$5,464	$3,143	$2,661	$2,736	$2,718	$3,294	$5,697	$12,024	$16,433	$16,564	15,882	$91,561
22	Large LL	(5) * (13)	$2,663	$1,760	$540	$369	$559	$652	$1,129	$2,839	$6,215	$8,052	$8,578	7,294	$40,649
23	Large HL	(6) * (14)	$950	$1,162	$1,151	$1,196	$1,073	$1,425	$1,427	$1,714	$1,712	$1,845	$3,561	2,025	$19,241
24	XL-LL	(7) * (15)	$722	($310)	($1)	($51)	$60	$190	$196	$509	$1,143	$1,162	$1,203	872	$5,696
25	XL-HL	(8) * (16)	$1,497	$1,868	$1,494	$2,537	$2,113	$2,129	$1,943	$2,324	$2,860	$3,283	$3,657	2,695	$28,400
26	Total	Sum ([18]:[25])	$41,038	$40,621	$22,206	$18,403	$17,828	$18,313	$21,103	$42,782	$92,287	$128,955	$131,112	$123,264	$697,910

Col (a), Ln 1 through 8 per Docket No. 4323, FY 13 ISR partly recovered through base rates
Col (b) Lns 1-8, 50% of FY 13 ISR Factor after Rate case compliance Dkt 4323 + 50% of FY 14 ISR Factor

Schedule
YC-10S

Schedule YC-10S
Bill Impacts

National Grid - RI Gas
Distribution Adjustment Charge (DAC) Filing
Bill Impact Analysis with Various Levels of Consumption:

Residential Heating:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(1)											
(2)											
(3)											
(4)		---	---	---	---	---	---	---	---	---	---
(5)	550	$881.11	$919.64	($38.54)	-4.2%	$0.00	($37.38)	$0.00	$0.00	$0.00	($1.16)
(6)	608	$955.47	$998.08	($42.61)	-4.3%	$0.00	($41.33)	$0.00	$0.00	$0.00	($1.28)
(7)	667	$1,031.42	$1,078.14	($46.72)	-4.3%	$0.00	($45.32)	$0.00	$0.00	$0.00	($1.40)
(8)	727	$1,106.99	$1,157.95	($50.96)	-4.4%	$0.00	($49.43)	$0.00	$0.00	$0.00	($1.53)
(9)	788	$1,181.29	$1,236.49	($55.21)	-4.5%	$0.00	($53.55)	$0.00	$0.00	$0.00	($1.66)
(10)	846	$1,250.46	$1,309.75	($59.29)	-4.5%	$0.00	($57.51)	$0.00	$0.00	$0.00	($1.78)
(11)	904	$1,319.38	$1,382.76	($63.37)	-4.6%	$0.00	($61.47)	$0.00	$0.00	$0.00	($1.90)
(12)	966	$1,393.62	$1,461.34	($67.72)	-4.6%	$0.00	($65.69)	$0.00	$0.00	$0.00	($2.03)
(13)	1,023	$1,461.51	$1,533.22	($71.71)	-4.7%	$0.00	($69.56)	$0.00	$0.00	$0.00	($2.15)
(14)	1,081	$1,529.28	$1,605.06	($75.77)	-4.7%	$0.00	($73.50)	$0.00	$0.00	$0.00	($2.27)
(15)	1,145	$1,604.18	$1,684.44	($80.26)	-4.8%	$0.00	($77.85)	$0.00	$0.00	$0.00	($2.41)

Residential Heating Low Income:

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(16)											
(17)											
(18)											
(19)		---	---	---	---	---	---	---	---	---	---
(20)	550	$838.62	$877.15	($38.54)	-4.4%	$0.00	($37.38)	$0.00	$0.00	$0.00	($1.16)
(21)	608	$910.23	$952.84	($42.61)	-4.5%	$0.00	($41.33)	$0.00	$0.00	$0.00	($1.28)
(22)	667	$983.41	$1,030.13	($46.72)	-4.5%	$0.00	($45.32)	$0.00	$0.00	$0.00	($1.40)
(23)	727	$1,056.27	$1,107.23	($50.96)	-4.6%	$0.00	($49.43)	$0.00	$0.00	$0.00	($1.53)
(24)	788	$1,128.11	$1,183.31	($55.21)	-4.7%	$0.00	($53.55)	$0.00	$0.00	$0.00	($1.66)
(25)	846	$1,195.06	$1,254.35	($59.29)	-4.7%	$0.00	($57.51)	$0.00	$0.00	$0.00	($1.78)
(26)	904	$1,261.78	$1,325.15	($63.37)	-4.8%	$0.00	($61.47)	$0.00	$0.00	$0.00	($1.90)
(27)	966	$1,333.66	$1,401.39	($67.72)	-4.8%	$0.00	($65.69)	$0.00	$0.00	$0.00	($2.03)
(28)	1,023	$1,399.41	$1,471.12	($71.71)	-4.9%	$0.00	($69.56)	$0.00	$0.00	$0.00	($2.15)
(29)	1,081	$1,465.07	$1,540.85	($75.77)	-4.9%	$0.00	($73.50)	$0.00	$0.00	$0.00	($2.27)
(30)	1,145	$1,537.75	$1,618.00	($80.26)	-5.0%	$0.00	($77.85)	$0.00	$0.00	$0.00	($2.41)

[1] Includes ISR Reconciliation impact

Residential Non-Heating:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(31)											
(32)											
(33)											
(34)		---	---	---	---	---	---	---	---	---	---
(35)	140	$349.63	$354.99	($5.36)	-1.5%	$0.00	($5.20)	$0.00	$0.00	$0.00	($0.16)
(36)	155	$369.13	$375.05	($5.93)	-1.6%	$0.00	($5.75)	$0.00	$0.00	$0.00	($0.18)
(37)	171	$389.76	$396.28	($6.52)	-1.6%	$0.00	($6.32)	$0.00	$0.00	$0.00	($0.20)
(38)	184	$406.27	$413.34	($7.07)	-1.7%	$0.00	($6.86)	$0.00	$0.00	$0.00	($0.21)
(39)	198	$424.28	$431.87	($7.59)	-1.8%	$0.00	($7.36)	$0.00	$0.00	$0.00	($0.23)
(40)	214	$444.65	$452.82	($8.18)	-1.8%	$0.00	($7.93)	$0.00	$0.00	$0.00	($0.25)
(41)	228	$462.91	$471.62	($8.71)	-1.8%	$0.00	($8.45)	$0.00	$0.00	$0.00	($0.26)
(42)	244	$483.57	$492.88	($9.32)	-1.9%	$0.00	($9.04)	$0.00	$0.00	$0.00	($0.28)
(43)	258	$501.57	$511.42	($9.86)	-1.9%	$0.00	($9.56)	$0.00	$0.00	$0.00	($0.30)
(44)	275	$523.59	$534.11	($10.52)	-2.0%	$0.00	($10.20)	$0.00	$0.00	$0.00	($0.32)
(45)	288	$540.21	$551.21	($11.00)	-2.0%	$0.00	($10.67)	$0.00	$0.00	$0.00	($0.33)

Residential Non-Heating Low Income:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(46)											
(47)											
(48)											
(49)		---	---	---	---	---	---	---	---	---	---
(50)	140	$327.21	$332.58	($5.36)	-1.6%	$0.00	($5.20)	$0.00	$0.00	$0.00	($0.16)
(51)	155	$346.03	$351.96	($5.93)	-1.7%	$0.00	($5.75)	$0.00	$0.00	$0.00	($0.18)
(52)	171	$365.94	$372.46	($6.52)	-1.7%	$0.00	($6.32)	$0.00	$0.00	$0.00	($0.20)
(53)	184	$381.86	$388.93	($7.07)	-1.8%	$0.00	($6.86)	$0.00	$0.00	$0.00	($0.21)
(54)	198	$399.24	$406.83	($7.59)	-1.9%	$0.00	($7.36)	$0.00	$0.00	$0.00	($0.23)
(55)	214	$418.89	$427.07	($8.18)	-1.9%	$0.00	($7.93)	$0.00	$0.00	$0.00	($0.25)
(56)	228	$436.51	$445.22	($8.71)	-2.0%	$0.00	($8.45)	$0.00	$0.00	$0.00	($0.26)
(57)	244	$456.44	$465.76	($9.32)	-2.0%	$0.00	($9.04)	$0.00	$0.00	$0.00	($0.28)
(58)	258	$473.81	$483.66	($9.86)	-2.0%	$0.00	($9.56)	$0.00	$0.00	$0.00	($0.30)
(59)	275	$495.06	$505.58	($10.52)	-2.1%	$0.00	($10.20)	$0.00	$0.00	$0.00	($0.32)
(60)	288	$511.10	$522.10	($11.00)	-2.1%	$0.00	($10.67)	$0.00	$0.00	$0.00	($0.33)

[1] Includes ISR Reconciliation impact

C & I Small:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(61)											
(62)											
(63)											
(64)		---	---	---	---	---	---	---	---	---	---
(65)	880	$1,430.14	$1,493.48	($63.34)	-4.2%	$0.00	($61.44)	$0.00	$0.00	$0.00	($1.90)
(66)	973	$1,537.79	$1,607.80	($70.01)	-4.4%	$0.00	($67.91)	$0.00	$0.00	$0.00	($2.10)
(67)	1,067	$1,645.41	$1,722.22	($76.80)	-4.5%	$0.00	($74.50)	$0.00	$0.00	$0.00	($2.30)
(68)	1,162	$1,752.23	$1,835.84	($83.62)	-4.6%	$0.00	($81.11)	$0.00	$0.00	$0.00	($2.51)
(69)	1,258	$1,854.66	$1,945.21	($90.55)	-4.7%	$0.00	($87.83)	$0.00	$0.00	$0.00	($2.72)
(70)	1,352	$1,953.41	$2,050.70	($97.29)	-4.7%	$0.00	($94.37)	$0.00	$0.00	$0.00	($2.92)
(71)	1,446	$2,053.04	$2,157.11	($104.07)	-4.8%	$0.00	($100.95)	$0.00	$0.00	$0.00	($3.12)
(72)	1,542	$2,154.27	$2,265.23	($110.96)	-4.9%	$0.00	($107.63)	$0.00	$0.00	$0.00	($3.33)
(73)	1,635	$2,252.32	$2,369.96	($117.64)	-5.0%	$0.00	($114.11)	$0.00	$0.00	$0.00	($3.53)
(74)	1,730	$2,351.30	$2,475.78	($124.48)	-5.0%	$0.00	($120.75)	$0.00	$0.00	$0.00	($3.73)
(75)	1,825	$2,450.55	$2,581.88	($131.33)	-5.1%	$0.00	($127.39)	$0.00	$0.00	$0.00	($3.94)

C & I Medium:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(76)											
(77)											
(78)											
(79)		---	---	---	---	---	---	---	---	---	---
(80)	7,941	$9,560.23	$10,129.22	($568.99)	-5.6%	$0.00	($551.92)	$0.00	$0.00	$0.00	($17.07)
(81)	8,796	$10,495.49	$11,125.73	($630.24)	-5.7%	$0.00	($611.33)	$0.00	$0.00	$0.00	($18.91)
(82)	9,650	$11,429.29	$12,120.69	($691.40)	-5.7%	$0.00	($670.66)	$0.00	$0.00	$0.00	($20.74)
(83)	10,505	$12,364.82	$13,117.48	($752.66)	-5.7%	$0.00	($730.08)	$0.00	$0.00	$0.00	($22.58)
(84)	11,361	$13,300.67	$14,114.68	($814.01)	-5.8%	$0.00	($789.59)	$0.00	$0.00	$0.00	($24.42)
(85)	12,217	$14,236.88	$15,112.22	($875.34)	-5.8%	$0.00	($849.08)	$0.00	$0.00	$0.00	($26.26)
(86)	13,073	$15,172.99	$16,109.65	($936.66)	-5.8%	$0.00	($908.56)	$0.00	$0.00	$0.00	($28.10)
(87)	13,928	$16,108.22	$17,106.15	($997.93)	-5.8%	$0.00	($967.99)	$0.00	$0.00	$0.00	($29.94)
(88)	14,782	$17,042.58	$18,101.70	($1,059.11)	-5.9%	$0.00	($1,027.34)	$0.00	$0.00	$0.00	($31.77)
(89)	15,637	$17,977.55	$19,097.92	($1,120.37)	-5.9%	$0.00	($1,086.76)	$0.00	$0.00	$0.00	($33.61)
(90)	16,492	$18,912.81	$20,094.45	($1,181.64)	-5.9%	$0.00	($1,146.19)	$0.00	$0.00	$0.00	($35.45)

[1] Includes ISR Reconciliation impact

C & I LLF Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(91)											
(92)											
(93)											
(94)		---	---	---	---	---	---	---	---	---	---
(95)	41,066	$47,437.19	$47,623.47	($186.29)	-0.4%	$0.00	($180.70)	$0.00	$0.00	$0.00	($5.59)
(96)	45,488	$52,310.75	$52,517.11	($206.36)	-0.4%	$0.00	($200.17)	$0.00	$0.00	$0.00	($6.19)
(97)	49,910	$57,184.99	$57,411.37	($226.38)	-0.4%	$0.00	($219.59)	$0.00	$0.00	$0.00	($6.79)
(98)	54,334	$62,060.64	$62,307.09	($246.45)	-0.4%	$0.00	($239.06)	$0.00	$0.00	$0.00	($7.39)
(99)	58,757	$66,935.99	$67,202.50	($266.52)	-0.4%	$0.00	($258.52)	$0.00	$0.00	$0.00	($8.00)
(100)	63,179	$71,809.75	$72,096.34	($286.60)	-0.4%	$0.00	($278.00)	$0.00	$0.00	$0.00	($8.60)
(101)	67,600	$76,682.53	$76,989.18	($306.65)	-0.4%	$0.00	($297.45)	$0.00	$0.00	$0.00	($9.20)
(102)	72,023	$81,557.60	$81,884.28	($326.68)	-0.4%	$0.00	($316.88)	$0.00	$0.00	$0.00	($9.80)
(103)	76,447	$86,434.16	$86,780.92	($346.76)	-0.4%	$0.00	($336.36)	$0.00	$0.00	$0.00	($10.40)
(104)	80,870	$91,308.94	$91,675.78	($366.85)	-0.4%	$0.00	($355.84)	$0.00	$0.00	$0.00	($11.01)
(105)	85,292	$96,182.85	$96,569.74	($386.89)	-0.4%	$0.00	($375.28)	$0.00	$0.00	$0.00	($11.61)

C & I HLF Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC[1]	DAC ISR	EE	LIHEAP	GET
(106)											
(107)											
(108)											
(109)		---	---	---	---	---	---	---	---	---	---
(110)	50,411	$54,834.96	$55,183.17	($348.21)	-0.6%	$0.00	($337.76)	$0.00	$0.00	$0.00	($10.45)
(111)	55,841	$60,507.48	$60,893.18	($385.70)	-0.6%	$0.00	($374.13)	$0.00	$0.00	$0.00	($11.57)
(112)	61,273	$66,181.70	$66,604.92	($423.22)	-0.6%	$0.00	($410.52)	$0.00	$0.00	$0.00	($12.70)
(113)	66,699	$71,850.11	$72,310.83	($460.72)	-0.6%	$0.00	($446.90)	$0.00	$0.00	$0.00	($13.82)
(114)	72,129	$77,522.64	$78,020.86	($498.23)	-0.6%	$0.00	($483.28)	$0.00	$0.00	$0.00	($14.95)
(115)	77,558	$83,194.04	$83,729.76	($535.71)	-0.6%	$0.00	($519.64)	$0.00	$0.00	$0.00	($16.07)
(116)	82,989	$88,866.63	$89,439.84	($573.22)	-0.6%	$0.00	($556.02)	$0.00	$0.00	$0.00	($17.20)
(117)	88,416	$94,536.15	$95,146.85	($610.70)	-0.6%	$0.00	($592.38)	$0.00	$0.00	$0.00	($18.32)
(118)	93,847	$100,209.48	$100,857.71	($648.23)	-0.6%	$0.00	($628.78)	$0.00	$0.00	$0.00	($19.45)
(119)	99,275	$105,880.11	$106,565.82	($685.71)	-0.6%	$0.00	($665.14)	$0.00	$0.00	$0.00	($20.57)
(120)	104,705	$111,552.38	$112,275.62	($723.24)	-0.6%	$0.00	($701.54)	$0.00	$0.00	$0.00	($21.70)

[1] Includes ISR Reconciliation impact

C & I LLF Extra-Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC_1	DAC ISR	EE	LIHEAP	GET
(121)											
(122)											
(123)											
(124)		---	---	---	---	---	---	---	---	---	---
(125)	174,357	$170,067.58	$170,930.36	($862.78)	-0.5%	$0.00	($836.90)	$0.00	$0.00	$0.00	($25.88)
(126)	193,136	$187,817.14	$188,772.87	($955.72)	-0.5%	$0.00	($927.05)	$0.00	$0.00	$0.00	($28.67)
(127)	211,912	$205,564.08	$206,612.72	($1,048.64)	-0.5%	$0.00	($1,017.18)	$0.00	$0.00	$0.00	($31.46)
(128)	230,688	$223,311.12	$224,452.66	($1,141.55)	-0.5%	$0.00	($1,107.30)	$0.00	$0.00	$0.00	($34.25)
(129)	249,466	$241,060.12	$242,294.57	($1,234.45)	-0.5%	$0.00	($1,197.42)	$0.00	$0.00	$0.00	($37.03)
(130)	268,243	$258,807.48	$260,134.86	($1,327.38)	-0.5%	$0.00	($1,287.56)	$0.00	$0.00	$0.00	($39.82)
(131)	287,018	$276,553.82	$277,974.12	($1,420.30)	-0.5%	$0.00	($1,377.69)	$0.00	$0.00	$0.00	($42.61)
(132)	305,796	$294,302.69	$295,815.89	($1,513.21)	-0.5%	$0.00	($1,467.81)	$0.00	$0.00	$0.00	($45.40)
(133)	324,573	$312,050.43	$313,656.54	($1,606.11)	-0.5%	$0.00	($1,557.93)	$0.00	$0.00	$0.00	($48.18)
(134)	343,350	$329,798.42	$331,497.47	($1,699.05)	-0.5%	$0.00	($1,648.08)	$0.00	$0.00	$0.00	($50.97)
(135)	362,127	$347,545.90	$349,337.86	($1,791.96)	-0.5%	$0.00	($1,738.20)	$0.00	$0.00	$0.00	($53.76)

C & I HLF Extra-Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to: GCR	DAC Base DAC_1	DAC ISR	EE	LIHEAP	GET
(136)											
(137)											
(138)											
(139)		---	---	---	---	---	---	---	---	---	---
(140)	447,421	$434,886.75	$437,423.68	($2,536.93)	-0.6%	$0.00	($2,460.82)	$0.00	$0.00	$0.00	($76.11)
(141)	495,605	$481,153.57	$483,963.70	($2,810.12)	-0.6%	$0.00	($2,725.82)	$0.00	$0.00	$0.00	($84.30)
(142)	543,789	$527,420.87	$530,504.21	($3,083.34)	-0.6%	$0.00	($2,990.84)	$0.00	$0.00	$0.00	($92.50)
(143)	591,972	$573,686.70	$577,043.21	($3,356.52)	-0.6%	$0.00	($3,255.82)	$0.00	$0.00	$0.00	($100.70)
(144)	640,155	$619,952.42	$623,582.15	($3,629.73)	-0.6%	$0.00	($3,520.84)	$0.00	$0.00	$0.00	($108.89)
(145)	688,340	$666,220.39	$670,123.37	($3,902.98)	-0.6%	$0.00	($3,785.89)	$0.00	$0.00	$0.00	($117.09)
(146)	736,523	$712,486.57	$716,662.74	($4,176.16)	-0.6%	$0.00	($4,050.88)	$0.00	$0.00	$0.00	($125.28)
(147)	784,708	$758,754.10	$763,203.48	($4,449.38)	-0.6%	$0.00	($4,315.90)	$0.00	$0.00	$0.00	($133.48)
(148)	832,891	$805,020.65	$809,743.24	($4,722.59)	-0.6%	$0.00	($4,580.91)	$0.00	$0.00	$0.00	($141.68)
(149)	881,074	$851,286.41	$856,282.21	($4,995.80)	-0.6%	$0.00	($4,845.93)	$0.00	$0.00	$0.00	($149.87)
(150)	929,259	$897,554.76	$902,823.76	($5,269.00)	-0.6%	$0.00	($5,110.93)	$0.00	$0.00	$0.00	($158.07)

[1] Includes ISR Reconciliation impact