

September 25, 2013

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: Docket 4431 - 2013 Distribution Adjustment Charge (“DAC”)  
Responses to Division Data Requests – Set 2**

Dear Ms. Massaro:

Enclosed are National Grid’s responses to the Rhode Island Division’s (the “Division”) Second Set of Data Requests concerning the above-referenced proceeding.

Please be advised that the Company is seeking protective treatment of its response to Division 2-2, as permitted by Commission Rule 1.2(g) and by R.I.G.L. § 38-2-2(4)(B). The Company has submitted a Motion for Protective Treatment along with one (1) copy of the confidential response to the Commission pending a determination on the Company’s Motion. The Company has submitted a redacted version of this document for the public record. The Company’s responses to the remaining data requests in the Division’s Second Set will be forthcoming.

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

Very truly yours,



Thomas R. Teehan

Enclosure

cc: Leo Wold, Esq.  
Steve Scialabba  
Bruce Oliver

Certificate of Service

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



\_\_\_\_\_  
Joanne M. Scanlon  
National Grid

September 25, 2013

Date

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

<b>Name/Address</b>	<b>E-mail</b>	<b>Phone</b>
Thomas R. Teehan, Esq. National Grid 280 Melrose St. Providence, RI 02907	<a href="mailto:Thomas.teehan@nationalgrid.com">Thomas.teehan@nationalgrid.com</a>	401-784-7667
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<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a>	401-780-2107
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## II. LEGAL STANDARD

Rule 1.2(g) of the Commission's Rules of Practice and Procedure provides that access to public records shall be granted in accordance with the Access to Public Records Act ("APRA"), R.I.G.L. §38-2-1, *et seq.* Under APRA, all documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a "public record," unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I.G.L. §38-2-2(4). Therefore, to the extent that information provided to the Commission falls within one of the designated exceptions to the public records law, the Commission has the authority under the terms of APRA to deem such information to be confidential and to protect that information from public disclosure.

In that regard, R.I.G.L. §38-2-2(4)(B) provides that the following records shall not be deemed public:

Trade secrets and commercial or financial information obtained from a person, firm, or corporation which is of a privileged or confidential nature.

The Rhode Island Supreme Court has held that the determination as to whether this exemption applies requires the application of a two-pronged test set forth in Providence Journal Company v. Convention Center Authority, 774 A.2d 40 (R.I.2001). The first prong of the test assesses whether the information was provided voluntarily to the governmental agency. Providence Journal, 774 A.2d at 47. If the answer to the first question is affirmative, then the question becomes whether the information is "of a kind that would customarily not be released to the public by the person from whom it was obtained." Id.

**III. BASIS FOR CONFIDENTIALITY**

The information for which the Company seeks protective treatment is customer information of the kind that would customarily not be released to the public by the Company and its release could adversely impact the customer in question.

**IV. CONCLUSION**

In light of the foregoing, the Company respectfully requests that the Commission grant its Motion for Protective Treatment as stated herein.

Respectfully submitted,

**THE NARRAGANSETT ELECTRIC  
COMPANY**

By its attorney,



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Thomas R. Teehan (RI #4698)  
280 Melrose Street  
Providence, RI 02907  
(401) 784-7667

Dated: September 25, 2013

Division 2-1

Request:

Re: witness Smith's Attachments MCS-1 through MCS-9, please provide the electronic spreadsheet files used to generate each of witness Smith's Attachments (with all cell formulae and cell references in tact) and all other supporting workpapers, studies and documents for those exhibits.

Response:

The electronic spreadsheets used to generate each of witness Smith's schedules as filed on August 3, 2013 are included herein as Attachment DIV 2-1-1. The Company will provide the excel spreadsheets of Attachment DIV 2-1-1 to the Commission on CD-ROM. A copy of the CD ROM will also be provided to the Division and its consultant.

**Redacted**  
Division 2-2

Request:

Re: witness Smith's Direct Testimony at page 10 of 30, please provide a list of each described AGT project during the 2012-2013 period and for each project indicate:

- a. The name of the customer (may be provided subject to confidentiality restrictions);
- b. The projected annual gas use volumes for the proposed facility;
- c. The estimated amount of the rebate the Company would offer for the project and the basis for computing the estimated rebate;
- d. The estimated in-service date for the proposed facility;
- e. The anticipated schedule for payment of rebates;
- f. The estimated rebate amount per vehicle for the Natural Gas Vehicle project.

Response:

Since the time of the DAC's August 1 testimony, two of the customers will no longer seek the AGT funds for their projects. Below is the information for the remaining customers / projects.

**Project One – New NGV fueling station and the purchase of 43 refuse trucks.**

- a. The name of the customer is [REDACTED].
- b. The projected annual gas usage is 506,905 therms.
- c. The rebate issued on April 2013 for the amount of \$187,172 was awarded based on 75% of the net present value of the Company's margin using the AGT screening tool.
- d. The estimated in-service date for this facility was October 2012.
- e. The rebate was paid on April 2013.
- f. The estimated rebate amount per vehicle for this Natural Gas Vehicle Project is \$4,353.

Division 2-2

Request:

Re: witness Smith's Direct Testimony at page 10 of 30, please provide a list of each described AGT project during the 2012-2013 period and for each project indicate:

- a. The name of the customer (may be provided subject to confidentiality restrictions);
- b. The projected annual gas use volumes for the proposed facility;
- c. The estimated amount of the rebate the Company would offer for the project and the basis for computing the estimated rebate;
- d. The estimated in-service date for the proposed facility;
- e. The anticipated schedule for payment of rebates;
- f. The estimated rebate amount per vehicle for the Natural Gas Vehicle project.

Response:

Since the time of the DAC's August 1 testimony, two of the customers will no longer seek the AGT funds for their projects. Below is the information for the remaining customers / projects.

**Project One – New NGV fueling station and the purchase of 43 refuse trucks.**

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- b. The projected annual gas usage is 506,905 therms.
- c. The rebate issued on April 2013 for the amount of \$187,172 was awarded based on 75% of the net present value of the Company's margin using the AGT screening tool.
- d. The estimated in-service date for this facility was October 2012.
- e. The rebate was paid on April 2013.
- f. The estimated rebate amount per vehicle for this Natural Gas Vehicle Project is \$4,353.



**Redacted**  
Division 2-2, page 2

**Project Two – Second phase of Project One including additional refuse trucks.**

- a. The name of the customer is [REDACTED]
- b. The projected annual gas usage is expected to be 235,770 therms if 20 refuse trucks are purchased. However, if [REDACTED] purchases up to 37 more vehicles, the projected annual gas usage can reach 436,000 therms.
- c. The estimated amount of the rebate \$87,060 and it is based on adding 20 vehicles.
- d. The estimated in-service date is early 2014.
- e. Upon completion of the verification process of the equipment.
- f. The estimated rebate amount per vehicle for this Natural Gas Vehicle Project is \$4,353.

**Project Three – The installation of two cogeneration units.**

- a. The name of the customer is Toray Plastics.
- b. The projected annual incremental gas usage is 6,349,418 therms.
- c. The Commission approved rebate is \$1.8 million. The approved rebate was calculated using the AGT screening tool.
- d. The estimated in-service date is March 2014.
- e. The anticipated schedule of payments of rebates is as follows:  
Four (4) annual incentive payments consisting of three (3) incentive payments of \$500,000 and one (1) final incentive payment of \$300,000 to be made in accordance with the AGT application.
- f. n/a

Division 2-3

Request:

Re: witness Smith's Direct Testimony at page 11 of 30, please provide a list of each proposed AGT project the Company has identified for the 2013-2014 period, and for each project indicate:

- a. The name of the customer (may be provided subject to confidentiality restrictions);
- b. The projected annual gas use volumes for the proposed facility;
- c. The estimated amount of the rebate the Company would offer for the project and the basis for computing the estimated rebate;
- d. The estimated in-service date for the proposed facility;
- e. The anticipated schedule for payment of rebates.

Response:

Since the time of the August 1, 2013 filing, two of the four projects making up the \$2.4 million in rebates described on page 11 at 13 will not require AGT funding. The specifics of the remaining projects are shown as Projects 2 and 3 in the response to Division 2-2.

Division 2-4

Request:

Re: witness Smith's Direct Testimony at page 11 of 30, please:

- a. Provide a list of each AGT project for which the Company anticipates requirements for:
  - i. The twelve months ended March 31, 2015
  - ii. The twelve months ended March 31, 2016
- b. Provide the estimated amount of AGT funding that will be required by each of the projects identified in response to part a. of this request;
- c. Provide a description of each project identified in response to part a. of this request.

Response:

As approved by the Commission, the following project has scheduled AGT payouts in the 2015 and 2016 timeframe.

- a. Toray Plastics
  - i. A payout of \$500,000 for the twelve months ended March 31, 2015
  - ii. A payout of \$500,000 for the twelve months ended March 31, 2016
- b. It is estimated that the rebate amounts identified in response a. of this request will total \$1.0 million over the two year period.
- c. The rebates identified in part a. of this request relate to the same project described as Project Three in the response to Division 2-2.

Division 2-5

Request:

Re: footnote 4 on page 13 of 30, please provide the analyses upon which the Company assesses that the current \$1,585,000 of LIHEAP funding in base rates remains necessary with the enactment of H6293A and its provision of a LIHEAP Enhancement Plan charge rate.

Response:

The current \$1,585,000 of Low Income Home Energy Assistance ("LIHEAP") funding collected in base rates is a long-standing PUC-approved program intended to assist the Company's low-income gas service customers by supplementing what they receive under the State-administrated federal LIHEAP program. Enactment of H6293A established a broad-reaching funding mechanism to provide additional funding to be used as part of the State administered program. There was no requirement or provision in H6293A to curtail or eliminate other low-income programs such as the Company's current program and accordingly, no change is being proposed.

The Narragansett Electric Company  
d/b/a National Grid  
R.I.P.U.C. Docket No. 4431  
2013 Distribution Adjustment Charge Filing  
Responses to Division's Second Set of Data Requests  
Issued on September 6, 2013

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Division 2-6

Request:

Re: witness Smith's Direct Testimony page 15 of 30 please provide monthly throughput data used for the 9 month period to derive the PBOB Factor.

Response:

Although the Company has calculated the Pension & PBOB Reconciliation amount based on the nine month period of July 2012 through March 2013, the Company will seek recovery of its Pension and PBOB reconciliation amount from customers over a twelve month period of November 1, 2013 through October 31, 2014. Therefore the Company calculated the Pension and PBOB Factor by dividing the reconciliation amount by the annual projected throughput of 38,500,653 Dktherms.

The monthly volumes for this period are as follows:

Nov-13	2,605,454	Dktherm
Dec-13	4,405,494	Dktherm
Jan-14	6,313,298	Dktherm
Feb-14	6,115,828	Dktherm
Mar-14	5,635,770	Dktherm
Apr-14	3,950,046	Dktherm
May-14	2,666,640	Dktherm
Jun-14	1,612,196	Dktherm
Jul-14	1,218,453	Dktherm
Aug-14	1,164,534	Dktherm
Sep-14	1,258,241	Dktherm
Oct-14	1,554,701	Dktherm
Total	38,500,653	Dktherm

Division 2-8

Request:

Re: footnote 8 on page 21 of 30, please provide the uncollectible amount included in the target revenue for the proposed RDA factor along with the supporting calculations used to derive the uncollectible amount.

Response:

The uncollectible percentage of 2.46% included in the target revenue used in the proposed RDA factor was derived and approved as part of the 2008 Rate Case, Docket No. 3943. The supporting calculation of that percentage is attached herein as Attachment DIV 2-8-1.

**National Grid - RI Gas  
Pro Forma Income Statement  
Imputed Capitalization and Cost Rates**

<u>Line No.</u>		<u>Capital Structure (a)</u>	<u>Cost Rate (a)</u>	<u>Weighted Return</u>	<u>Taxes</u>	<u>Pre-tax Return</u>
1	Long Term Debt	40.63%	7.99%	3.25%		3.25%
2						
3	Short Term Debt	11.66%	4.59%	0.53%		0.53%
4						
5	Total Common Equity	<u>47.71%</u>	11.50%	<u>5.49%</u>	<u>2.96%</u>	<u>8.45%</u>
6						
7	Total Capitalization	<u>100.00%</u>		<u>9.27%</u>	<u>2.96%</u>	<u>12.23%</u>

**Narragansett Gas Company  
Net Charge-offs as a Percentage of Revenues  
For the Twelve Months Ended September 30,**

	<u>Year</u>	<u>Net Charge-offs 1/</u>	<u>Revenues</u>	<u>Percentage</u>
8	2003	\$6,723,821	\$340,413,903	1.98%
9	2004	12,038,660	369,521,878	3.26%
10	2005	4,707,352	400,363,658	1.18%
11	2006	10,874,648	444,770,165	2.45%
12	2007	14,526,132	430,544,056	<u>3.37%</u>
13				
14	5 Year Comp.	<u>\$48,870,613</u>	<u>\$1,985,613,660</u>	<u>2.46%</u>

1/ Includes customer accounts write-off adjustment recorded by the Company for Fiscal Year 2008, but after September 30, 2007 or the end of the Test Year

The Narragansett Electric Company  
d/b/a National Grid  
R.I.P.U.C. Docket No. 4431  
2013 Distribution Adjustment Charge Filing  
Responses to Division's Second Set of Data Requests  
Issued on September 6, 2013

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Division 2-9

Request:

Re: witness Smith's Direct Testimony page 22 of 30, please provide the Rate Base Allocation factor and amount of actual capital investment.

Response:

The Rate Base Allocation percentages approved in the 2012 Rate Case in Docket No. 4323 and used for the allocation of the revenue requirement on actual capital investment to the Company's rate classes is shown below.

<b>Rate Class</b>	<b>Rate Base Amount</b>	<b>Rate Base %</b>
Res-NH	\$13,905,382	3.73%
Res-H	\$229,406,864	61.56%
Small	\$30,510,711	8.19%
Medium	\$50,617,650	13.58%
Large LL	\$22,496,078	6.04%
Large HL	\$8,773,089	2.35%
XL-LL	\$2,865,290	0.77%
XL-HL	\$14,086,538	3.78%
Total	\$372,661,601	100.00%

Source: Docket No. 4323, Compliance Filing, Attachment 8A, Schedule PMN-2, pages 3 and 4.

As shown on Attachment WRR-1, page 6 of 11 (lines 1+4) in the Company's August 3, 2013 FY 2013 Gas Infrastructure, Safety, and Reliability Plan Reconciliation Filing in Docket No. 4306, the actual capital investment was \$59.60 million.



Division 2-10

Request:

Re: witness Smith's Direct Testimony page 25 of 30, please provide monthly forecasted and actual throughput for each rate class for each of the previous five years, since the 2008 base rate case.

Response:

Attached herein as Attachment DIV 2-10-1 is a compilation of actual and forecasted throughput per rate class since the 2008 base rate case.

**Actual Throughput**

Line No	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-Oct
1 Total THROUGHPUT	56,197	74,260	105,168	104,454	87,796	80,975	51,342	39,059	43,168	33,686	32,573	40,239	748,917
2 Residential Non-Heating	1,415	1,415	1,998	2,363	2,559	2,234	1,767	509	770	574	505	799	15,493
3 Residential Non-Heating Low Income	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	507,219	450,719	353,365	343,477	521,159	16,376,004
4 Residential Heating	136,185	243,234	468,169	445,253	404,908	268,425	132,795	60,022	50,311	132,518	(47,006)	59,806	2,354,620
5 Residential Heating Low Income	353,805	440,789	864,289	956,602	699,226	369,225	313,913	224,696	180,948	204,967	119,052	241,430	4,968,943
6 Small C&I	182,026	363,717	469,076	447,814	411,649	364,889	102,132	48,288	59,152	50,564	45,164	111,650	2,656,120
7 Medium C&I	175,556	162,021	(77,559)	(3,583)	100,492	84,857	70,947	71,304	61,517	71,900	84,189	75,378	877,020
8 Large LLF	45,301	91,819	137,536	121,443	133,474	115,198	31,062	127,047	(42,304)	17,646	18,975	37,387	834,584
9 Large HLF	156,199	420,670	620,195	508,634	486,423	489,115	348,269	446,267	378,308	381,913	366,733	375,287	4,978,013
10 Extra Large LLF	(10,666)	46	87	0	2	4,896	1,705	61,411	3,697	8,891	7,733	5,111	82,911
11 Extra Large HLF	2,142,175	3,861,991	5,652,313	5,998,350	5,001,163	3,814,249	2,084,035	1,647,024	1,240,536	1,294,514	1,008,305	1,524,804	35,269,460
12 Default													
13 Total Throughput	2,363,789	3,490,719	6,452,394	5,549,796	4,650,116	2,935,998	1,887,027	1,367,824	1,144,962	1,063,229	1,079,356	1,344,214	33,329,423

Source: GCR Deferred Filed Oct 09 - Docket No 3982

Line No	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-Oct
14 Total THROUGHPUT	53,856	72,115	106,210	85,485	75,061	56,075	43,806	34,773	31,337	26,038	28,156	33,639	646,551
15 Residential Non-Heating	1,228	1,917	3,920	3,982	3,696	2,198	1,465	866	681	585	655	756	21,950
16 Residential Non-Heating Low Income	976,902	1,638,849	3,063,886	2,797,453	2,247,579	1,308,570	766,843	457,783	366,674	321,108	338,065	425,857	14,709,569
17 Residential Heating	109,132	175,730	337,180	316,550	289,312	165,907	107,144	65,672	47,950	40,882	43,526	51,457	1,750,443
18 Residential Heating Low Income	124,663	230,236	615,969	359,330	354,709	183,324	102,574	58,577	50,135	42,040	46,311	65,398	2,233,285
19 Small C&I	425,491	449,907	930,575	835,398	671,940	439,102	295,416	196,705	149,455	142,448	152,484	196,447	4,885,368
20 Medium C&I	180,464	290,578	490,080	426,559	365,310	244,444	100,305	45,612	38,049	27,900	38,826	99,205	2,347,332
21 Large LLF	86,690	109,587	154,726	124,162	114,752	91,765	86,261	64,197	60,689	61,050	68,627	69,027	1,091,535
22 Large HLF	51,235	83,127	123,668	123,362	85,471	47,925	38,794	17,451	16,783	17,068	20,013	38,137	663,035
23 Extra Large LLF	333,251	426,626	607,985	470,824	438,676	386,535	340,319	423,516	380,905	380,857	339,859	360,859	4,890,213
24 Extra Large HLF	20,878	12,047	18,196	6,670	3,609	10,153	4,098	2,672	2,303	3,253	2,834	3,429	90,142
25 Default													
26 Total Throughput	2,363,789	3,490,719	6,452,394	5,549,796	4,650,116	2,935,998	1,887,027	1,367,824	1,144,962	1,063,229	1,079,356	1,344,214	33,329,423

Source: GCR Deferred Filed Oct 10 - Docket 4097

Line No	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-Oct
27 Total THROUGHPUT	40,798	63,453	80,291	77,880	71,380	60,827	42,710	35,440	29,795	25,513	28,158	28,795	585,039
28 Residential Non-Heating	1,398	2,777	3,680	3,784	3,139	2,654	1,609	945	705	596	638	667	22,592
29 Residential Non-Heating Low Income	920,353	2,013,046	2,959,905	3,016,557	2,557,241	1,843,901	913,059	514,509	367,950	338,829	351,381	377,486	16,174,218
30 Residential Heating	104,771	205,482	294,768	304,459	263,112	220,131	115,189	71,759	51,639	42,811	45,777	48,508	1,768,404
31 Residential Heating Low Income	115,197	292,499	487,812	495,049	407,231	275,546	123,393	68,788	54,697	46,827	46,018	47,648	2,460,705
32 Small C&I	322,479	626,850	873,151	899,816	786,557	554,864	318,922	208,954	189,986	121,538	166,023	195,868	5,265,007
33 Medium C&I	176,764	367,168	455,172	487,722	389,060	282,755	125,613	58,087	41,662	42,566	44,577	69,654	2,540,801
34 Large LLF	81,749	116,825	127,494	113,623	120,363	95,529	73,082	64,285	56,843	60,854	59,935	60,163	1,030,743
35 Large HLF	90,335	184,501	173,230	177,020	139,442	117,347	52,426	16,660	15,713	18,268	21,217	46,703	1,052,861
36 Extra Large LLF	419,788	530,783	536,003	517,936	496,568	443,910	379,698	390,642	352,576	395,175	369,575	370,086	5,202,740
37 Extra Large HLF	6,488	8,866	9,625	7,820	7,946	6,143	3,930	1,961	4,023	1,378	1,818	2,170	62,168
38 Default													
39 Total Throughput	2,280,120	4,412,249	6,001,130	6,101,665	5,242,037	3,903,607	2,149,631	1,432,031	1,165,590	1,094,353	1,135,116	1,247,749	36,165,279

Source: GCR Deferred Filed Oct 11 - Docket No 4199

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-Oct
40 Total THROUGHPUT	44,902	58,419	74,486	80,015	74,243	58,071	44,656	34,394	28,068	26,163	26,022	30,065	579,502
41 Residential Non-Heating	1,359	1,937	2,622	2,598	2,895	1,917	1,163	778	656	736	661	872	18,195
42 Residential Non-Heating Low Income	960,000	1,459,048	2,163,628	2,410,188	2,120,996	1,370,734	837,999	497,026	368,362	341,313	331,780	434,145	13,295,220
43 Residential Heating	114,787	155,722	228,341	228,599	220,671	142,168	85,332	55,790	41,653	39,722	37,547	48,823	1,399,154
44 Residential Heating Low Income	122,071	197,162	331,804	365,172	314,636	190,004	104,113	55,623	47,044	43,411	37,395	47,403	1,855,837
45 Small C&I	354,746	479,700	662,670	792,433	628,082	468,331	262,106	144,216	174,869	152,213	151,656	200,672	4,471,693
46 Medium C&I	209,947	279,896	367,039	494,826	347,270	217,441	111,848	64,048	28,500	38,057	41,427	64,497	2,264,794
47 Large LLF	79,582	84,517	95,169	108,139	95,733	77,086	64,492	62,286	53,390	47,435	67,858	67,115	902,801
48 Large HLF	120,944	120,883	133,177	211,833	153,086	86,165	60,302	20,222	5,670	15,557	13,889	25,817	967,546
49 Extra Large LLF	431,555	445,798	463,288	581,948	472,111	422,375	376,980	375,871	380,328	379,943	410,312	363,453	5,103,962
50 Extra Large HLF	4,486	5,240	5,962	9,219	5,189	4,187	11,286	(4,444)	1,056	1,283	1,076	1,687	46,227
51 Default	2,444,380	3,288,323	4,528,185	5,284,970	4,434,912	3,038,478	1,960,277	1,305,809	1,129,595	1,085,833	1,119,620	1,284,548	30,904,930
52 Total Throughput													

Source: GCR Deferred Filed Oct 12 - Docket No 4283

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-Oct
53 Total THROUGHPUT	45,986	78,983	98,907	109,290	100,574	85,531	54,040	36,130	28,862				638,304
54 Residential Non-Heating	1,703	3,229	4,277	4,875	3,978	2,925	1,352	914	865				24,119
55 Residential Non-Heating Low Income	902,551	1,903,463	2,537,878	2,912,936	2,519,777	1,994,126	1,004,359	517,766	368,525				14,661,380
56 Residential Heating	94,997	190,048	248,229	279,036	237,030	188,891	94,414	52,160	41,890				1,426,696
57 Residential Heating Low Income	106,317	269,726	399,055	480,777	383,824	277,229	127,784	48,653	40,237				2,133,601
58 Small C&I	290,265	651,514	762,706	903,074	782,902	588,764	395,429	311,341	287,622				4,973,616
59 Medium C&I	165,962	443,134	393,008	524,921	397,466	366,696	121,469	39,332	25,608				2,477,596
60 Large LLF	79,960	115,555	121,058	134,042	113,580	113,111	69,178	68,502	71,204				886,190
61 Large HLF	95,882	201,014	187,246	316,328	97,718	300,780	(64,639)	(226)	(10,571)				1,123,533
62 Extra Large LLF	437,237	550,319	518,236	633,997	460,632	561,744	347,669	281,695	477,302				4,268,831
63 Extra Large HLF	1,820	8,109	7,008	9,834	5,832	6,429	740	(1,863)	4				37,913
64 Default	2,222,680	4,415,092	5,277,609	6,309,110	5,103,315	4,486,226	2,151,794	1,354,405	1,331,548				32,651,779
65 Total Throughput													

Source: GCR Deferred Filed July 13 - Docket No 4346

**Forecasted Throughput**

Line No	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total Dec-Oct
1 Total THROUGHPUT	46,372	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332
2 Residential Non-Heating	1,142,336	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407
3 Residential Heating	131,132	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886
4 Small C&I	366,305	631,629	788,795	847,326	776,269	574,278	351,970	243,885	166,117	150,652	175,996	204,197	4,911,114
5 Medium C&I	218,084	374,209	448,103	456,590	424,232	273,548	148,646	78,946	46,977	39,617	51,935	94,760	2,437,562
6 Large LLF	89,276	103,228	107,830	104,590	113,038	96,675	81,639	80,864	63,018	57,791	72,145	64,307	945,124
7 Extra Large LLF	101,241	164,238	199,344	194,370	177,116	112,756	64,897	31,799	29,754	31,799	33,359	62,354	1,105,416
8 Extra Large HLF	403,593	436,538	475,348	462,232	470,334	433,744	384,949	357,774	365,370	381,306	387,969	389,003	4,544,565
9 Total Throughput	2,498,337	4,210,421	5,395,248	5,640,668	5,228,844	3,976,154	2,429,116	1,657,183	1,228,932	1,116,710	1,251,878	1,440,252	33,575,407

Source: GCR Filing Docket No 3982

Line No	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Total Dec-Oct
11 Total THROUGHPUT	46,350	60,595	74,986	74,836	65,606	62,697	59,731	49,819	41,240	37,916	37,067	39,674	650,517
12 Residential Non-Heating	1,039,084	1,973,922	2,916,336	3,018,749	2,542,355	1,926,568	1,205,748	697,238	460,692	374,569	407,299	558,900	17,121,459
13 Residential Heating	147,903	297,612	460,582	481,750	413,015	298,434	162,103	99,689	77,031	67,983	75,604	90,438	2,672,144
14 Small C&I	395,678	654,350	916,290	949,435	886,185	563,556	388,203	260,711	184,607	174,705	188,841	260,845	5,823,405
15 Medium C&I	227,001	377,970	503,601	494,466	445,219	327,708	175,075	102,746	69,399	52,596	63,335	108,342	2,947,458
16 Large LLF	92,131	112,565	127,363	124,629	122,203	99,635	86,190	78,097	65,848	81,556	79,808	74,511	1,144,535
17 Large HLF	74,630	114,316	124,814	119,271	111,303	79,128	38,897	36,736	34,015	29,602	29,260	40,527	832,500
18 Extra Large LLF	385,937	358,521	421,606	372,201	388,649	456,719	315,865	288,018	262,033	270,396	319,180	327,791	4,166,917
19 Extra Large HLF	2,408,713	3,949,851	5,545,579	5,635,335	4,974,536	3,814,446	2,431,812	1,613,054	1,194,866	1,089,323	1,200,393	1,501,028	35,358,936
20 Total Throughput	2,408,713	3,949,851	5,545,579	5,635,335	4,974,536	3,814,446	2,431,812	1,613,054	1,194,866	1,089,323	1,200,393	1,501,028	35,358,936

Source: GCR Filing Docket No 4097

Line No	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Total Nov-Oct
21 Total THROUGHPUT	54,674	70,653	82,003	87,827	78,867	70,493	60,870	46,251	39,370	33,934	33,888	39,380	698,210
22 Residential Non-Heating	1,104,878	2,046,100	2,750,982	2,917,818	2,636,773	1,990,787	1,114,772	639,475	404,535	324,025	378,664	506,454	16,815,263
23 Residential Heating	117,722	232,014	350,367	380,345	326,862	224,723	116,333	61,244	58,320	40,721	20,031	51,998	1,986,681
24 Small C&I	360,318	470,932	716,407	756,775	662,446	445,309	294,061	202,007	149,943	139,727	129,491	186,498	4,513,915
25 Medium C&I	174,826	311,925	394,697	409,350	378,527	288,000	136,863	72,453	36,018	37,131	30,799	77,599	2,348,189
26 Large LLF	78,177	96,473	108,659	99,221	103,174	98,094	69,605	66,704	48,898	58,178	66,847	73,523	967,552
27 Large HLF	64,465	102,715	174,056	145,431	118,617	84,095	34,091	47,628	9,099	16,197	(1,106)	30,327	825,615
28 Extra Large LLF	313,556	354,899	390,788	385,607	382,070	389,009	287,285	282,978	263,168	272,408	311,008	295,370	3,928,147
29 Extra Large HLF	2,408,713	3,685,711	4,973,960	5,182,373	4,687,337	3,590,511	2,113,880	1,418,739	1,009,352	922,322	969,622	1,261,149	32,083,572
30 Total Throughput	2,408,713	3,685,711	4,973,960	5,182,373	4,687,337	3,590,511	2,113,880	1,418,739	1,009,352	922,322	969,622	1,261,149	32,083,572

Source: GCR Filing Docket No 4199

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Total Nov-Oct
31 Total THROUGHPUT	48,787	57,359	74,908	72,427	62,047	52,923	43,928	31,804	28,744	28,529	35,143	572,364	
32 Residential Non-Heating	1,028,594	2,284,131	3,445,597	3,365,922	2,511,707	1,705,118	1,081,596	473,491	422,847	362,367	409,966	17,436,451	
33 Residential Heating	154,145	306,277	491,295	478,896	407,036	252,709	122,112	47,649	42,243	34,558	80,503	2,466,704	
34 Small C&I	384,835	683,624	1,039,674	972,492	798,012	420,268	243,494	106,097	128,572	80,628	134,162	213,538	
35 Medium C&I	226,330	411,067	548,439	496,664	444,434	326,807	120,419	62,590	20,845	19,091	34,149	94,057	
36 Large LLF	98,847	95,115	162,692	126,073	121,975	101,638	83,115	79,512	65,664	70,556	57,951	94,502	
37 Large HLF	87,436	161,401	189,233	161,912	141,003	80,652	32,713	23,350	12,130	8,024	16,500	37,324	
38 Extra Large LLF	442,612	481,256	649,419	550,308	541,380	501,282	396,175	426,407	385,094	353,465	381,374	451,689	
39 Extra Large HLF	2,408,713	4,480,229	6,601,257	6,224,693	5,027,594	3,441,397	2,123,550	1,254,861	1,109,199	957,434	1,047,061	1,416,722	
40 Total Throughput	2,408,713	4,480,229	6,601,257	6,224,693	5,027,594	3,441,397	2,123,550	1,254,861	1,109,199	957,434	1,047,061	1,416,722	

Source: GCR Filing Docket No 4283

	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-Oct
41 Total THROUGHPUT	39,952	59,594	78,573	77,377	66,696	52,095	46,325	34,178	29,995	27,280	27,901	28,447	568,413
42 Residential Non-Heating	1,099,863	2,058,633	3,053,892	3,108,191	2,680,218	1,998,463	1,232,855	674,166	443,392	388,331	399,794	515,751	17,653,549
43 Residential Heating	121,739	254,777	460,531	442,493	396,614	264,475	142,278	71,605	53,665	47,990	48,259	48,988	2,353,415
44 Small C&I	364,651	585,632	838,975	891,201	766,750	540,515	358,911	226,708	183,310	172,711	188,419	212,996	5,330,780
45 Medium C&I	222,164	350,835	475,113	467,179	415,605	308,325	143,544	88,793	53,607	46,769	54,797	98,791	2,725,521
46 Large LLF	78,431	92,901	99,967	103,872	103,826	81,907	74,577	60,247	55,624	59,555	62,527	58,297	931,731
47 Large HLF	109,175	161,825	182,320	176,119	149,486	99,241	47,910	23,709	18,513	18,206	23,719	50,092	1,060,314
48 Extra Large LLF	394,798	490,008	441,981	425,484	388,437	340,930	390,126	372,971	371,195	379,890	396,990	371,180	4,763,990
49 Extra Large HLF	2,430,775	4,054,205	5,631,350	5,691,916	4,967,631	3,685,951	2,436,526	1,552,377	1,209,300	1,140,732	1,202,406	1,384,542	35,387,711
50 Total Throughput	2,430,775	4,054,205	5,631,350	5,691,916	4,967,631	3,685,951	2,436,526	1,552,377	1,209,300	1,140,732	1,202,406	1,384,542	35,387,711

Source: GCR Filing Docket No 4346

Division 2-11

Request:

Re: footnote 13 on page 26 of 30, please provide the throughput data relied upon for the derivation of the nine month proration.

Response:

The forecasted throughput relied upon to derive the nine month prorated targets can be found in Schedule MCS-7, page 5 of 10, lines 7, 19, and 31.

Division 2-12

Request:

Re: footnote 13 on page 26 of 30, please identify any adjustments applied to account the seasonal differences between the nine month period from the 2008 Rate Case (July to January) and with the associated throughput for the 2012 Rate Case (February and March), if no weather normalization or adjustment was made please explain.

Response:

Both the 2008 Rate Case and 2012 Rate Case forecasted throughput used for the derivation of the nine month period from July 2012 through March 2013 were both weather normalized.

Division 2-13

Request:

Re: witness Smith's Direct Testimony page 27 of 30, please provide the interest based on the timing of recoveries for each component of the reconciliation factor for the Large and Extra Large rate classes.

Response:

The monthly interest based on the timing of recoveries for each of the base rate reconciliation factors for the Large and Extra Large rate classes is shown in Attachment MCS-7, page 5 of 10, lines 15, 27, and 39. Please note the interest totaled a credit of \$7.



Division 2-14

Request:

Re: witness Smith's Attachment MCS-1, page 1 of 1, please provide the electronic version of the schedule relied upon from Docket No. 4323 to determine the Uncollectible Percentage.

Response:

In Attachment DIV-2-14-1, the Company has provided the electronic version of the derivation of the uncollectible percentage of 3.18% relied upon on Schedule MCS-1, page 1 of 1. This schedule was part of Compliance Attachment 6, Schedule MDL-3-GAS in Docket No. 4323.

The Narragansett Electric Company d/b/a National Grid  
Adjustments To Operating Expenses  
Test Year Ended December 31, 2011  
Five Year Average of Uncollectibles Summary

	(a) Distribution Revenue	(b) Net Write-Offs	(c) % of Write-Offs				
			Distribution Revenue				
1 Year:							
2							
3 CY 2011	\$378,977,027	\$11,623,740	3.07%				
4 CY 2010	\$401,863,767	\$15,515,379	3.86%				
5 CY 2009	\$447,952,657	\$19,431,198	4.34%				
6 CY 2008	\$455,289,104	\$12,526,203	2.75%				
7 CY 2007	\$470,604,106	\$9,331,763	1.98%				
8							
9 Total	\$2,154,686,661	\$68,428,283	3.18%				
10							
11							
12							
13 <b>Five Year Average Net Write-Off Rate</b>			<b>3.18%</b>	Settlement Adjustment			
14							
15						(i) = Sum of	
16			(d)	(e)	(f)	(g)	(h)
17			Distribution Base Rate Revenue	GRT	Gas Revenue	DAC Revenue	EE Revenue
18 Total Test Year Adjusted Revenue			\$138,466,302	\$11,149,139	\$217,689,572	(\$1,530,767)	\$12,190,898
19							
20 Current Allowed Average Write-Off Rate			2.46%	0.00%	2.46%	2.46%	2.46%
21							
22 Bad Debt Expense at Current Average Write off Rate Applied to Test Year Revenue			\$3,390,709	\$0	\$5,355,163	\$2,809	\$299,896
23 Less: Test Year Bad Debt Expense			\$4,779,294	\$0	\$5,449,212	\$109,541	\$195,146
24							
25 <b>Test Year Normalization Adjustment for Bad Debt Expense</b>			<b>(\$1,388,585)</b>	\$0	(\$94,049)	(\$106,732)	\$104,750
26							
27 Total Rate Year Revenue			\$149,526,262	\$0	\$200,956,268	(\$0)	\$0
28							
29 Five Year Average Net Write-Off Rate			3.18%	0.00%	3.18%	3.18%	3.18%
30							
31 <b>Rate Year Allowable Bad Debt Expenses</b>			<b>\$4,754,935</b>	\$0	\$6,390,409	(\$0)	\$0
32 Bad Debt Expense at Current Average Write off Rate Applied to Test Year Revenue			\$3,390,709	\$0	\$5,355,163	\$2,809	\$299,896
33							
34 <b>Total Pro Forma Bad Debt Expense Adjustment</b>			<b>\$1,364,226</b>	\$0	\$1,035,246	(\$2,809)	(\$299,896)
35							
36 <b>Total Adjustment</b>			<b>(\$24,359)</b>	\$0	\$941,197	(\$109,541)	(\$195,146)

Line Notes

- 3-7 Per Company's response to Commission 2-25-ELEC/GAS
- 9 Cols (a) & (b) = Sum of Lines 3 through 5 Col (c) = Col (b) / Col (a)
- 13 Line 9(c)
- 18(d) From Page 4 of 65, Sum of Lines 4, 7, 8, 13, 15, 16, 31, 35, and 43 Column (a)
- 18(e) From Page 4 of 65, Line 18(a)
- 18(f) From Page 4 of 65, Sum of Lines 1, 21, 22, 23, and 24 Column(a)
- 18(g) From Page 4 of 65, Sum of Lines 2, 28, 29, and 33 Column (a)
- 18(h) From Page 4 of 65, Sum of Lines 3, 25, and 26 Column (a)
- 20 From Commission Order at Docket No 3943, Appendix A Page 1 of 2, Line 11

Division 2-15

Request:

Re: witness Smith's Attachment MCS-6, page 3 of 13, please: fully document the derivation from the detail on pages 4 through 9 of Attachment MCS-7 of the monthly totals shown for:

- a. Firm (dth)
- b. Firm Revenue
- c. Firm Revenue less GET
- d. Total Gas Costs
- e. Energy Efficiency Surcharges

Response:

Consistent with the methodology used in prior DAC filings, the monthly totals for Firm Usage (dth), Firm Revenue, Firm Revenue subject to Margin Sharing, Total Gas Costs, and Energy Efficiency Surcharges were derived based on the customers' actual billing information.

- a. Firm Usage (dth) - this is the total billed volume in dekatherms from all the active Firm customers in a given month.
- b. Firm Revenue - this is the total billed revenue from all the active Firm customers in a given month.
- c. Firm Revenue subject to Margin Sharing- this is the total billed revenue excluding Sales tax, Gross Earnings Tax, Energy Efficiency Surcharge, and other charges such as interest and the LIHEAP Enhancement charge from all the active Firm customers in a given month.
- d. Total Gas Costs - this is the total billed gas charges from all the active Firm customers in a given month.
- e. Energy Efficiency Surcharges - this is the total billed energy efficiency surcharges from all the active Firm customers in a given month.

The electronic spreadsheets that support the details have also been provided in response to Division 2-1.

Division 2-16

Request:

Re: witness Smith's Attachment MCS-6 page 4 of 11, please: fully document the derivation from the detail on pages 5 through 11 of Attachment MCS-6 of the monthly totals shown for:

- a. Non-Firm (dth)
- b. Non-Firm Revenue
- c. Firm Revenue less GET
- d. Total Gas Costs
- e. Energy Efficiency Surcharges

Response:

Consistent with the methodology used in prior DAC filings, the monthly totals for Non-firm Usage (dth), Non-firm Revenue, Non-firm Revenue subject to Margin Sharing, Total Gas Costs, and Energy Efficiency Surcharges were derived based on the customers' actual billing information.

- a. Non-firm Usage (dth) - this is the total billed volume in dekatherms from all the active Non-firm customers in a given month.
- b. Non-firm Revenue - this is the total billed revenue from all the active Non-firm customers in a given month.
- c. Non-firm Revenue subject to Margin Sharing- this is the total billed revenue excluding Sales tax, Gross Earnings Tax, Energy Efficiency Surcharge, and other charges such as interest and the LIHEAP Enhancement charge from all the active Non-firm customers in a given month.
- d. Total Gas Costs - this is the total billed gas charges from all the active Non-firm customers in a given month.
- e. Energy Efficiency Surcharges - this is the total billed energy efficiency surcharges from all the active Non-firm customers in a given month.

The electronic spreadsheets that support the details have also been provided in response to Division 2-1.