

July 2, 2012

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: National Grid's Gas Revenue Decoupling Adjustment Factor Filing for the Year Ending
March 31, 2012
Docket No. _____**

Dear Ms. Massaro:

On behalf of National Grid, I am submitting the Company's first annual Revenue Decoupling Adjustment ("RDA") factor for the 12-month period ending March 31, 2012. This filing is submitted pursuant to the provisions of the Company's Distribution Adjustment Charge ("DAC") tariff R.I.P.U.C. NG-Gas No. 101, Section 3, Schedule A, which were approved by the Rhode Island Public Utilities Commission in the revenue decoupling proceeding (Docket No. 4206). Those tariff provisions establish an annual reconciliation of the target revenue per customer and the actual revenue per customer through an RDA factor to be included in the annual DAC.

Enclosed are the testimony and attachments of Ms. Jennifer B. Feinstein, providing an overview of the Company's RDA reconciliation mechanism and describing the actual RDA results for the period April 1, 2011 through March 31, 2012. In her testimony, Ms. Feinstein explains that the main driver for this year's variance was the past year's significantly warmer-than-normal weather. Formerly revenue variances due to weather were recovered in the DAC through a Weather Normalization factor. As is described in her testimony, for the 12-month period ending March 31, 2012, there is an under collection of \$10,704,374, resulting in an RDA factor of \$0.0421 per therm for effect November 1, 2012 as part of the DAC. A revised RDA factor, updated with forecasted throughput, will be included in the Company's August 1 DAC filing.

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

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 4206 Service List
Leo Wold, Esq.
Steve Scialabba, Division

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. _____
GAS REVENUE DECOUPLING MECHANISM
WITNESS: JENNIFER B. FEINSTEIN
JULY 2, 2012

DIRECT TESTIMONY

OF

JENNIFER B. FEINSTEIN

JULY 1, 2012

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1 **I. Introduction**

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

3 A. My name is Jennifer B. Feinstein and my business address is 1 Metrotech Center,
4 14th Floor, Brooklyn, New York.

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

7 A. I am Director of Regulatory Pricing for National Grid USA with responsibility for
8 pricing for all of the National Grid USA distribution companies including The
9 Narragansett Electric Company d/b/a National Grid (“National Grid” or the
10 “Company”). My responsibilities include the analysis and design of rates.

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

14 A. Yes, I testified on the Rhode Island Revenue Decoupling Mechanism
15 proceedings, Docket No. 4206 in 2010.

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

18 A. I received a Bachelor of Science Degree in Economics and Business Management
19 from Cornell University and a Master of Science Degree in Management and
20 Policy/Business Enterprise Management from the State University of New York
21 at Stony Brook.

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

2 A. I was first employed by George B. Buck Consulting, as an actuarial assistant and
3 then worked as an economic analyst for National Economic Research Associates
4 in New York. After that, I consulted independently on various economic matters.
5 In 1990, I joined the Gas Supply and Planning Department of the Long Island
6 Lighting Company (“LILCO”). After LILCO’s merger with KeySpan
7 Corporation (“KeySpan”), my positions included Director of Strategic Planning,
8 Director of Risk Management for the Ravenswood generation station, and
9 Director of Transactions for the energy procurement organization. In 1995, I
10 became the Director of Gas Pricing for KeySpan. In 2011, I became the Director
11 of Regulatory Pricing for National Grid.

12
13 **Q. What is the purpose of your testimony?**

14 A. The purpose of my testimony is to present National Grid’s proposed Revenue
15 Decoupling Adjustment (“RDA”) that will be included in the annual Distribution
16 Adjustment Charge (“DAC”). Specifically, I provide an overview of the
17 Company’s RDA reconciliation mechanism and explain the actual RDM results
18 for the period April 1, 2011 to March 31, 2012, which is the Company’s fiscal
19 year (“FY”) 2012. Additionally, I provide and support the calculation of the
20 Company’s proposed RDA factor of \$0.0421 per therm (surcharge) for the DAC
21 for effect November 1, 2012.

1 This filing is submitted pursuant to the Company's RDM Provision, R.I.P.U.C.
2 NG-Gas No. 101, under Section 3, Schedule A, Revenue Decoupling Adjustment
3 Factor approved by the Commission in Docket No. 4206.
4

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

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

7	Attachment NG-JBF-1	Proposed RDA DAC Rate factor
8	Attachment NG-JBF-2	Revenue Decoupling Reconciliation by rate class by
9		month for FY 2012
10	Attachment NG-JBF-3	Actual vs. Normal Heating Degree Day Comparison
11		for November 2011 – April 2012
12	Attachment NG-JBF-4	Revenue-Per-Customer RPC Targets

13 **II. RDA Reconciliation Mechanism**

14 **Q. Please provide an overview of the Company's RDA reconciliation**
15 **mechanism.**

16 A. In Docket No. 4206, the Commission approved a revenue-per-customer Revenue
17 Decoupling Mechanism ("RDM") that provides for an annual reconciliation of the
18 actual base revenue-per-customer by rate class with the target revenue-per-
19 customer based on rates approved by the Commission in its last general rate case,
20 Docket No. 3943, for its gas distribution operations. The reconciliation was
21 performed on a monthly basis and covers the most recent Company fiscal year

1 (April 1, 2011 to March 31, 2012) for all Residential and for all Small and
2 Medium Commercial and Industrial (“C&I”) firm rate classes. Under the
3 mechanism, any over-recovery of revenues will be returned to customers and any
4 under-recovery of revenues will be collected from customers through the DAC
5 factor effective November 1 each year.

6

7 **Q. Please describe how the Company calculated the RDA reconciliation for the**
8 **period April 1, 2011 to March 31, 2012.**

9 A. For the RDA reconciliation, the Company used the revenue-per-customer
10 (“RPC”) targets established in Docket No. 4206, which are based on the monthly
11 base revenues¹ and customer numbers for each month per the most recent base
12 rate case, Docket No. 3943. For reference, these RPC figures are included as
13 Attachment NG-JBF-4. As specified in Docket No. 4206, the target RPC base
14 revenues for the non-discounted Residential Non-Heating and Residential Heating
15 classes were used for the respective low-income classes.

16 The Company then calculated the actual RPCs each month by dividing the actual
17 base revenues for the Residential, Small and Medium C&I rate classes by the
18 number of customers in each rate class. For the Low-Income Residential Non-
19 Heating and Low-Income Residential Heating classes, the actual revenues were

¹ The term “base revenues” is used throughout this testimony to refer to the sum of customer charge, variable distribution charges and demand charges from firm sales and transportation customers. It does not include revenues associated with items such as Gas Cost Recovery, Gross Earnings Tax, Energy Efficiency or the Distribution Adjustment Charge.

1 adjusted to reflect the equivalent non-discounted revenue. For the Medium C&I
2 rate class, actual revenues and customer numbers excluded any revenues and
3 customer numbers associated with Dual-Fuel customers as these are separately
4 tracked and accounted for in the On-System Margin component of the DAC. The
5 difference between the allowed and actual revenue was calculated by multiplying
6 the difference between the target RPC and the actual by the actual number of
7 customers for that rate class in the month. For each month, any monthly revenue
8 surplus or shortfall was then recorded in a deferred account and interest expense
9 added to derive a final monthly balance.² At the end of March 2012, the
10 Company totaled the RPC monthly account balances for all of rate classes and a
11 single RDA rate was calculated for the cumulative RPC revenue shortfall (in this
12 case), including interest.

13 **III. RDA Reconciliation for the April 1, 2011 to March 31, 2012 Period**

14 **Q. Please provide the results for the FY 2012 RDA reconciliation.**

15 A. For the period April 1, 2011 to March 31, 2012, the Company calculated an
16 under-recovery of \$10,704,374. The breakdown per rate class is set forth in the
17 table set forth below.

² Interest on the average monthly deferred balance was calculated at the same interest rate that is used to calculate interest expense on the Company's other deferred DAC balances, which is the Bank of America Prime Rate less 200 basis points.

Table 3-1: FY 2012 RDA Reconciliation

Rate Class	March 31, 2012 Ending Balance
Res. Heating (inc. Low Income)	\$9,175,126
Res Non-Heating (inc. Low Income)	(\$371,459)
Small C & I	\$1,124,799
Medium C & I	\$775,908
Total	\$10,704,374

The specific breakdown of this under-recovery by rate class is included in NG-JBF-2 and the proposed RDA DAC factor is included in Attachment NG-JBF-1.

Q. Please state the driver (s) for this under-recovery.

A. The main driver of this under-recovery was the significantly warmer-than-normal weather with 16 percent fewer heating degree days than normal in the November 2011–April 2012 period as reflected in Attachment NG-JBF-3. This warmer-than-normal weather translated into considerable reductions in actual revenues collected from heating customers. The RDM replaced the weather normalization factor that was in effect prior to April 1, 2011 and revenue variances due to weather are now collected through the RDM reconciliation.

IV. RDA DAC Factor

Q. Please describe how the RDA DAC factor was calculated.

A. As noted above, the Company consolidated the ending balances as of March 31, 2012 for the Residential, Small and Medium C&I rate classes and calculated a

1 single RDA rate for the cumulative RPC revenue shortfall of \$10,704,374. To
2 calculate the single RDA rate, the Company used the forecasted throughput for
3 the months of November 1, 2012 to October 31, 2013 that was filed for the Long-
4 Range Gas Supply Plan in Docket No. 4318.³ The cumulative forecasted
5 throughput for the Residence, Small and Medium C&I rate classes is 254,551,573
6 therms. These therms were then divided into the revenue shortfall of \$10,704,374
7 to calculate a RDA factor of \$0.0421 per therm as shown in Attachment NG-JBF-
8 1. Forecasted throughput and a revised RDA factor will be included in the DAC
9 filing on August 1.

10

11 **Q. Did the Company calculate bill impacts for the RDA factor?**

12 A. Not at this time. Because the RDA factor is only one of several additional items
13 to be included in the DAC, the bill impact of the RDA on a stand-alone basis
14 provides limited information as to a future change in the overall DAC rate.
15 Rather, the Company will be submitting customer bill impacts for the cumulative
16 impact of all of its DAC factors, including the RDA, with its September 1, 2012
17 DAC filing.

18

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

20 A. Yes, it does.

³ This forecast was also utilized in Docket No. 4323, the Company's combined gas and electric rate case filed with the Commission on April 27, 2012.

Attachment NG-JBF-1

Proposed RDA DAC Rate factor

Proposed RDA DAC Rate factor

Line No.	Description	RPC Deferred Balance for 12 mths ended 3/31/12 [Under / (Over) collection] Mar-12	
1	Residential Non-Heat (incl Low Income)		(\$371,459)
2	Residential Heat (incl Low Income)		\$9,175,126
3	Small C&I		\$1,124,799
4	Medium C&I		\$775,908
5	Total (Line No. 1-4)		\$10,704,374
6	Firm Throughput Forecast (Nov 2012 - Oct 2013)	Docket No. 4323	254,551,573 therms
7	Revenue Decoupling Adjustment (RDA) Factor	Ln 5 / Ln 6	\$0.0421 per therm

Notes: Residential targets based on compliance non-discount rates
Low-income revenues captured w/o discount
Firm throughput Residential rate classes and Small and Medium C&I rate classes

Attachment NG-JBF-2

Revenue Decoupling Reconciliation by rate class by month for FY 2012

Revenue Decoupling Reconciliation by rate class by month for FY 2012

	Apr-11 30	May-11 31	Jun-11 30	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31	Totals per Rate Class
Line No.													
Residential Non-Heat													
1 Benchmark Revenue Per Customer (RPC)	\$ 17.45	\$ 16.73	\$ 15.97	\$ 14.98	\$ 14.10	\$ 14.71	\$ 14.61	\$ 16.03	\$ 17.37	\$ 18.51	\$ 17.99	\$ 17.75	
2 RPC Factor Acct Beg. Bal.	\$0	(\$36,355)	(\$30,990)	(\$13,556)	(\$2,368)	\$3,504	\$18,081	\$29,137	\$2,639	(\$36,918)	(\$105,497)	(\$218,855)	
3 Actual Number of Customers	26,630	26,481	26,363	26,285	26,261	26,269	26,182	26,190	26,205	26,134	26,040	25,892	
4 Actual Base Revenue	\$501,085	\$437,598	\$403,568	\$382,642	\$364,423	\$371,950	\$371,478	\$446,216	\$494,796	\$552,122	\$581,612	\$561,283	
5 Actual Base Revenue Per Customer	\$18.82	\$16.52	\$15.31	\$14.56	\$13.88	\$14.16	\$14.19	\$17.04	\$18.88	\$21.13	\$22.34	\$21.68	
6 RPC Variance (Benchmark- Actual)	(\$1.36)	\$0.20	\$0.66	\$0.43	\$0.22	\$0.55	\$0.42	(\$1.01)	(\$1.51)	(\$2.62)	(\$4.35)	(\$3.93)	
7 Monthly Variance	(\$36,336)	\$5,400	\$17,457	\$11,197	\$5,871	\$14,566	\$11,030	(\$26,514)	(\$39,538)	(\$68,503)	(\$113,197)	(\$101,656)	
8 Preliminary End Balance	(\$36,336)	(\$30,955)	(\$13,533)	(\$2,359)	\$3,504	\$18,070	\$29,111	\$2,622	(\$36,900)	(\$105,421)	(\$218,694)	(\$320,511)	
9 Average Balance	(\$18,168)	(\$33,655)	(\$22,262)	(\$7,958)	\$568	\$10,787	\$23,596	\$15,879	(\$17,131)	(\$71,170)	(\$162,096)	(\$269,683)	
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%	
11 Interest Applied	(\$19)	(\$36)	(\$23)	(\$8)	\$1	\$11	\$25	\$16	(\$18)	(\$76)	(\$161)	(\$286)	
12 RPC Factor Account End Balance	(\$36,355)	(\$30,990)	(\$13,556)	(\$2,368)	\$3,504	\$18,081	\$29,137	\$2,639	(\$36,918)	(\$105,497)	(\$218,855)	(\$320,798)	
13 Under/(Over) Recovery	(\$36,355)	\$5,365	\$17,434	\$11,188	\$5,872	\$14,577	\$11,055	(\$26,498)	(\$39,557)	(\$68,579)	(\$113,358)	(\$101,942)	(\$320,798)
Residential Non-Heat Low Income													
14 Benchmark Revenue Per Customer (RPC)	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	\$17.99	\$17.75	
15 RPC Factor Acct Beg. Bal.	\$0	(\$8,015)	(\$12,046)	(\$11,543)	(\$12,745)	(\$13,696)	(\$14,780)	(\$15,956)	(\$19,387)	(\$25,309)	(\$33,501)	(\$41,949)	
16 Actual Number of Customers	359	386	375	362	359	342	338	340	271	272	265	341	
17 Actual Base Revenue (w/o discount)	\$14,276	\$10,477	\$5,475	\$6,613	\$5,998	\$6,102	\$6,098	\$8,862	\$10,606	\$13,194	\$13,178	\$14,716	
18 Actual Base Revenue Per Customer	\$39.77	\$27.14	\$14.60	\$18.27	\$16.71	\$17.84	\$18.04	\$26.06	\$39.14	\$48.51	\$49.73	\$43.16	
19 RPC Variance (Benchmark- Actual)	(\$22.32)	(\$10.41)	\$1.37	(\$3.28)	(\$2.61)	(\$3.13)	(\$3.43)	(\$10.04)	(\$21.76)	(\$30.00)	(\$31.74)	(\$25.40)	
20 Monthly Variance	(\$8,011)	(\$4,020)	\$514	(\$1,189)	(\$936)	(\$1,070)	(\$1,160)	(\$3,413)	(\$5,898)	(\$8,161)	(\$8,411)	(\$8,663)	
21 Preliminary End Balance	(\$8,011)	(\$12,035)	(\$11,531)	(\$12,732)	(\$13,682)	(\$14,765)	(\$15,940)	(\$19,369)	(\$25,285)	(\$33,470)	(\$41,912)	(\$50,612)	
22 Average Balance	(\$4,006)	(\$10,025)	(\$11,788)	(\$12,138)	(\$13,213)	(\$14,230)	(\$15,360)	(\$17,663)	(\$22,336)	(\$29,389)	(\$37,706)	(\$46,281)	
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	(\$4)	(\$11)	(\$12)	(\$13)	(\$14)	(\$15)	(\$16)	(\$18)	(\$24)	(\$31)	(\$37)	(\$49)	
25 RPC Factor Account End Balance	(\$8,015)	(\$12,046)	(\$11,543)	(\$12,745)	(\$13,696)	(\$14,780)	(\$15,956)	(\$19,387)	(\$25,309)	(\$33,501)	(\$41,949)	(\$50,662)	
26 Under/(Over) Recovery	(\$8,015)	(\$4,030)	\$502	(\$1,202)	(\$950)	(\$1,084)	(\$1,176)	(\$3,431)	(\$5,921)	(\$8,192)	(\$8,449)	(\$8,712)	(\$50,662)
Line No.													
Residential Non-Heat (incl Low Income)													
27 Benchmark Revenue Per Customer (RPC)	\$17.45	\$16.73	\$15.97	\$14.98	\$14.10	\$14.71	\$14.61	\$16.03	\$17.37	\$18.51	\$17.99	\$17.75	
28 RPC Factor Acct Beg. Bal.	\$0	(\$44,370)	(\$43,036)	(\$25,100)	(\$15,113)	(\$10,191)	\$3,301	\$13,181	(\$16,749)	(\$62,227)	(\$138,998)	(\$260,804)	
29 Actual Number of Customers	26,989	26,867	26,738	26,647	26,620	26,611	26,520	26,530	26,476	26,406	26,305	26,233	
30 Actual Base Revenue (w/o discount)	\$515,362	\$448,075	\$409,043	\$389,254	\$370,422	\$378,052	\$377,576	\$455,078	\$505,402	\$565,317	\$594,790	\$576,000	
31 Actual Base Revenue Per Customer	\$19.10	\$16.68	\$15.30	\$14.61	\$13.92	\$14.21	\$14.24	\$17.15	\$19.09	\$21.41	\$22.61	\$21.96	
32 RPC Variance (Benchmark- Actual)	(\$1.64)	\$0.05	\$0.67	\$0.38	\$0.19	\$0.51	\$0.37	(\$1.13)	(\$1.72)	(\$2.90)	(\$4.62)	(\$4.21)	
33 Monthly Variance	(\$44,348)	\$1,381	\$17,971	\$10,008	\$4,935	\$13,496	\$9,870	(\$29,927)	(\$45,436)	(\$76,664)	(\$121,608)	(\$110,319)	
34 Preliminary End Balance	(\$44,348)	(\$42,990)	(\$25,065)	(\$15,092)	(\$10,178)	\$3,305	\$13,172	(\$16,747)	(\$62,185)	(\$138,891)	(\$260,606)	(\$371,124)	
35 Average Balance	(\$22,174)	(\$43,680)	(\$34,050)	(\$20,096)	(\$12,646)	(\$3,443)	\$8,237	(\$1,783)	(\$39,467)	(\$100,559)	(\$199,802)	(\$315,964)	
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%	
37 Interest Applied	(\$23)	(\$46)	(\$35)	(\$21)	(\$13)	(\$4)	\$9	(\$2)	(\$42)	(\$107)	(\$198)	(\$335)	
38 RPC Factor Account End Balance	(\$44,370)	(\$43,036)	(\$25,100)	(\$15,113)	(\$10,191)	\$3,301	\$13,181	(\$16,749)	(\$62,227)	(\$138,998)	(\$260,804)	(\$371,459)	
39 Under/(Over) Recovery	(\$44,370)	\$1,334	\$17,936	\$9,987	\$4,922	\$13,493	\$9,879	(\$29,929)	(\$45,478)	(\$76,771)	(\$121,807)	(\$110,655)	(\$371,459)

Revenue Decoupling Reconciliation by rate class by month for FY 2012

	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Totals per
	30	31	30	31	31	30	31	30	31	31	29	31	Rate Class
Line No.													
Residential Heating													
40 Benchmark Revenue Per Customer (RPC)	\$ 52.01	\$ 31.03	\$ 25.28	\$ 20.87	\$ 19.23	\$ 20.36	\$ 21.66	\$ 34.32	\$ 51.29	\$ 62.73	\$ 64.59	\$ 61.69	
41 RPC Factor Acct Beg. Bal.	\$0	\$379,401	\$413,222	\$915,917	\$1,111,233	\$1,150,547	\$1,327,716	\$1,694,071	\$2,364,232	\$4,185,179	\$5,759,095	\$6,897,279	
42 Actual Number of Customers	178,115	176,005	175,069	175,128	175,181	175,521	176,523	177,992	181,650	181,966	184,853	183,787	
43 Actual Base Revenue	\$8,884,966	\$5,427,435	\$3,924,162	\$3,461,000	\$3,331,092	\$3,397,052	\$3,459,215	\$5,440,097	\$7,498,634	\$9,846,675	\$10,807,495	\$9,861,526	
44 Actual Base Revenue Per Customer	\$49.88	\$30.84	\$22.41	\$19.76	\$19.02	\$19.35	\$19.60	\$30.56	\$41.28	\$54.11	\$58.47	\$53.66	
45 RPC Variance (Benchmark- Actual)	\$2.13	\$0.19	\$2.87	\$1.11	\$0.22	\$1.00	\$2.07	\$3.75	\$10.01	\$8.62	\$6.12	\$8.03	
46 Monthly Variance	\$379,206	\$33,401	\$502,013	\$194,241	\$38,114	\$175,896	\$364,752	\$668,077	\$1,817,472	\$1,568,641	\$1,131,902	\$1,476,147	
47 Preliminary End Balance	\$379,206	\$412,801	\$915,234	\$1,110,157	\$1,149,347	\$1,326,444	\$1,692,468	\$2,362,149	\$4,181,704	\$5,753,820	\$6,890,997	\$8,373,426	
48 Average Balance	\$189,603	\$396,101	\$664,228	\$1,013,037	\$1,130,290	\$1,238,495	\$1,510,092	\$2,028,110	\$3,272,968	\$4,969,499	\$6,325,046	\$7,635,353	
49 Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
50 Interest Applied	\$195	\$421	\$682	\$1,075	\$1,200	\$1,272	\$1,603	\$2,084	\$3,475	\$5,276	\$6,282	\$8,106	
51 RPC Factor Account End Balance	\$379,401	\$413,222	\$915,917	\$1,111,233	\$1,150,547	\$1,327,716	\$1,694,071	\$2,364,232	\$4,185,179	\$5,759,095	\$6,897,279	\$8,381,532	
52 Under/(Over) Recovery	\$379,401	\$33,821	\$502,695	\$195,316	\$39,314	\$177,169	\$366,355	\$670,161	\$1,820,946	\$1,573,917	\$1,138,184	\$1,484,253	\$8,381,532
Line No.													
Residential Heating - Low Income													
53 Benchmark Revenue Per Customer (RPC)	\$ 52.01	\$ 31.03	\$ 25.28	\$ 20.87	\$ 19.23	\$ 20.36	\$ 21.66	\$ 34.32	\$ 51.29	\$ 62.73	\$ 64.59	\$ 61.69	
54 RPC Factor Acct Beg. Bal.	\$0	\$88,798	\$107,881	\$143,810	\$141,313	\$132,054	\$138,198	\$160,611	\$243,303	\$389,432	\$543,138	\$634,334	
55 Actual Number of Customers	22,258	22,859	22,597	22,016	21,586	21,319	21,033	21,484	18,896	19,166	17,453	19,343	
56 Actual Base Revenue (w/o discount)	\$1,068,938	\$690,259	\$535,508	\$462,162	\$424,562	\$427,969	\$433,377	\$654,784	\$823,307	\$1,049,135	\$1,036,653	\$1,034,752	
57 Actual Base Revenue Per Customer	\$48.02	\$30.20	\$23.70	\$20.99	\$19.67	\$20.07	\$20.60	\$30.48	\$43.57	\$54.74	\$59.40	\$53.49	
58 RPC Variance (Benchmark- Actual)	\$3.99	\$0.83	\$1.58	(\$0.12)	(\$0.44)	\$0.28	\$1.06	\$3.84	\$7.72	\$7.99	\$5.19	\$8.19	
59 Monthly Variance	\$88,752	\$18,978	\$35,800	(\$2,648)	(\$9,404)	\$6,005	\$22,255	\$82,485	\$145,793	\$153,211	\$90,612	\$158,502	
60 Preliminary End Balance	\$88,752	\$107,776	\$143,680	\$141,161	\$131,909	\$138,059	\$160,453	\$243,096	\$389,097	\$542,643	\$633,750	\$792,836	
61 Average Balance	\$44,376	\$98,287	\$125,781	\$142,486	\$136,611	\$135,056	\$149,325	\$201,854	\$316,200	\$466,038	\$588,444	\$713,585	
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	\$46	\$104	\$129	\$151	\$145	\$139	\$159	\$207	\$336	\$495	\$584	\$758	
64 RPC Factor Account End Balance	\$88,798	\$107,881	\$143,810	\$141,313	\$132,054	\$138,198	\$160,611	\$243,303	\$389,432	\$543,138	\$634,334	\$793,594	
65 Under/(Over) Recovery	\$88,798	\$19,083	\$35,929	(\$2,497)	(\$9,259)	\$6,144	\$22,413	\$82,692	\$146,129	\$153,705	\$91,196	\$159,260	\$793,594
Residential Heat (incl Low Income)													
66 Benchmark Revenue Per Customer (RPC)	\$52.01	\$31.03	\$25.28	\$20.87	\$19.23	\$20.36	\$21.66	\$34.32	\$51.29	\$62.73	\$64.59	\$61.69	
67 RPC Factor Acct Beg. Bal.	\$0	\$468,199	\$521,103	\$1,059,727	\$1,252,546	\$1,282,601	\$1,465,914	\$1,854,683	\$2,607,536	\$4,574,611	\$6,302,233	\$7,531,613	
68 Actual Number of Customers	200,373	198,864	197,666	197,144	196,767	196,840	197,556	199,476	200,546	201,132	202,306	203,130	
69 #REF!	\$9,953,903	\$6,117,694	\$4,459,670	\$3,923,162	\$3,755,653	\$3,825,022	\$3,892,592	\$6,094,882	\$8,321,941	\$10,895,810	\$11,844,147	\$10,896,278	
70 Actual Base Revenue Per Customer	\$49.68	\$30.76	\$22.56	\$19.90	\$19.09	\$19.43	\$19.70	\$30.55	\$41.50	\$54.17	\$58.55	\$53.64	
71 RPC Variance (Benchmark- Actual)	\$2.34	\$0.26	\$2.72	\$0.97	\$0.15	\$0.92	\$1.96	\$3.76	\$9.79	\$8.56	\$6.04	\$8.05	
72 Monthly Variance	\$467,958	\$52,379	\$537,812	\$191,592	\$28,710	\$181,902	\$387,007	\$750,562	\$1,963,265	\$1,721,852	\$1,222,514	\$1,634,650	
73 Preliminary End Balance	\$467,958	\$520,578	\$1,058,915	\$1,251,319	\$1,281,256	\$1,464,503	\$1,852,921	\$2,605,245	\$4,570,800	\$6,296,462	\$7,524,747	\$9,166,263	
74 Average Balance	\$233,979	\$494,388	\$790,009	\$1,155,523	\$1,266,901	\$1,373,552	\$1,659,417	\$2,229,964	\$3,589,168	\$5,435,537	\$6,913,490	\$8,348,938	
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%	
76 Interest Applied	\$240	\$525	\$812	\$1,227	\$1,345	\$1,411	\$1,762	\$2,291	\$3,810	\$5,771	\$6,866	\$8,864	
77 RPC Factor Account End Balance	\$468,199	\$521,103	\$1,059,727	\$1,252,546	\$1,282,601	\$1,465,914	\$1,854,683	\$2,607,536	\$4,574,611	\$6,302,233	\$7,531,613	\$9,175,126	
78 Under/(Over) Recovery	\$468,199	\$52,904	\$538,624	\$192,819	\$30,055	\$183,313	\$388,769	\$752,853	\$1,967,075	\$1,727,622	\$1,229,380	\$1,643,513	\$9,175,126
Line No.													

Revenue Decoupling Reconciliation by rate class by month for FY 2012

Line No.		Apr-11 30	May-11 31	Jun-11 30	Jul-11 31	Aug-11 31	Sep-11 30	Oct-11 31	Nov-11 30	Dec-11 31	Jan-12 31	Feb-12 29	Mar-12 31	Totals per Rate Class
Small C&I														
79	Benchmark Revenue Per Customer (RPC)	\$ 74.53	\$ 37.33	\$ 31.13	\$ 26.69	\$ 25.70	\$ 26.61	\$ 28.60	\$ 47.90	\$ 71.45	\$ 87.37	\$ 94.36	\$ 88.01	
80	RPC Factor Acct Beg. Bal.	\$0	\$58,475	(\$31,351)	\$18,968	\$22,973	\$27,920	\$38,889	\$124,114	\$261,980	\$509,753	\$693,111	\$914,087	
81	Actual Number of Customers	18,543	18,338	18,166	18,070	17,971	17,946	18,061	18,342	18,565	18,653	18,704	18,621	
82	Dual fuel customer count	1	1	1	1	1	-	-	-	-	-	-	-	
83	Actual Number of Customers (no Dual-fuel)	18,542	18,337	18,165	18,069	17,970	17,946	18,061	18,342	18,565	18,653	18,704	18,621	
84	Actual Base Revenue	\$1,323,772	\$774,483	\$515,272	\$478,303	\$456,893	\$466,666	\$431,316	\$740,893	\$1,079,019	\$1,446,909	\$1,544,753	\$1,429,146	
85	Dual fuel customer margin	\$226	\$65	\$61	\$34	\$59	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
86	Actual Base Revenue (no Dual-fuel)	1,323,546	774,417	515,212	478,269	456,834	466,666	431,316	740,893	1,079,019	1,446,909	1,544,753	1,429,146	
87	Actual Base Revenue Per Customer	\$71.38	\$42.23	\$28.36	\$26.47	\$25.42	\$26.00	\$23.88	\$40.39	\$58.12	\$77.57	\$82.59	\$76.75	
88	RPC Variance (Benchmark- Actual)	\$3.15	(\$4.90)	\$2.77	\$0.22	\$0.27	\$0.61	\$4.71	\$7.51	\$13.32	\$9.80	\$11.77	\$11.26	
89	Monthly Variance	\$58,445	(\$89,840)	\$50,326	\$3,983	\$4,919	\$10,935	\$85,139	\$137,667	\$247,364	\$182,719	\$220,179	\$209,630	
90	Preliminary End Balance	\$58,445	(\$31,365)	\$18,975	\$22,951	\$27,893	\$38,855	\$124,027	\$261,781	\$509,344	\$692,472	\$913,289	\$1,123,717	
91	Average Balance	\$29,222	\$13,555	(\$6,188)	\$20,960	\$25,433	\$33,387	\$81,458	\$192,948	\$385,662	\$601,113	\$803,200	\$1,018,902	
92	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%	
93	Interest Applied	\$30	\$14	(\$6)	\$22	\$27	\$34	\$86	\$198	\$409	\$638	\$798	\$1,082	
94	RPC Factor Account End Balance	\$58,475	(\$31,351)	\$18,968	\$22,973	\$27,920	\$38,889	\$124,114	\$261,980	\$509,753	\$693,111	\$914,087	\$1,124,799	
95	Under/(Over) Recovery	\$58,475	(\$89,826)	\$50,319	\$4,005	\$4,946	\$10,969	\$85,225	\$137,866	\$247,773	\$183,357	\$220,977	\$210,712	\$1,124,799
Medium C&I														
96	Benchmark Revenue Per Customer (RPC)	\$ 340.03	\$ 262.60	\$ 223.59	\$ 196.47	\$ 190.92	\$ 200.99	\$ 211.73	\$ 269.90	\$ 361.41	\$ 417.01	\$ 436.04	\$ 410.59	
97	RPC Factor Acct Beg. Bal.	\$0	(\$34,706)	(\$25,851)	\$4,996	(\$69,731)	(\$46,304)	(\$60,336)	(\$52,010)	(\$61,517)	\$123,956	\$330,027	\$473,026	
98	Actual Number of Customers	4,325	4,309	4,305	4,300	4,326	4,345	4,375	4,403	4,439	4,464	4,487	4,501	
99	Dual fuel customer count	4	4	4	3	3	4	4	4	4	4	4	4	
100	Actual Number of Customers (no Dual-fuel)	4,321	4,305	4,301	4,297	4,323	4,341	4,371	4,399	4,435	4,460	4,483	4,497	
101	Actual Base Revenue	\$1,506,827	\$1,123,532	\$931,879	\$919,438	\$802,362	\$887,193	\$917,887	\$1,199,079	\$1,420,036	\$1,656,399	\$1,814,696	\$1,547,051	
102	Dual fuel customer margin	\$2,859	\$1,906	\$1,057	\$523	\$517	\$719	\$811	\$2,339	\$2,627	\$2,361	\$2,532	\$2,841	
103	Actual Base Revenue (no Dual-fuel)	\$1,503,967	\$1,121,626	\$930,822	\$918,915	\$801,845	\$886,474	\$917,077	\$1,196,740	\$1,417,409	\$1,654,038	\$1,812,164	\$1,544,210	
104	Actual Base Revenue Per Customer	\$348	\$261	\$216	\$214	\$185	\$204	\$210	\$272	\$320	\$371	\$404	\$343	
105	RPC Variance (Benchmark- Actual)	(\$8)	\$2	\$7	(\$17)	\$5	(\$3)	\$2	(\$2)	\$42	\$46	\$32	\$67	
106	Monthly Variance	(\$34,688)	\$8,887	\$30,858	(\$74,693)	\$23,489	(\$13,977)	\$8,386	(\$9,449)	\$185,440	\$205,829	\$142,601	\$302,220	
107	Preliminary End Balance	(\$34,688)	(\$25,819)	\$5,007	(\$69,697)	(\$46,243)	(\$60,281)	(\$51,950)	(\$61,459)	\$123,923	\$329,786	\$472,627	\$775,246	
108	Average Balance	(\$17,344)	(\$30,263)	(\$10,422)	(\$32,350)	(\$57,987)	(\$53,293)	(\$56,143)	(\$56,734)	\$31,203	\$226,871	\$401,327	\$624,136	
109	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%	
110	Interest Applied	(\$18)	(\$32)	(\$11)	(\$34)	(\$62)	(\$55)	(\$60)	(\$58)	\$33	\$241	\$399	\$663	
111	RPC Factor Account End Balance	(\$34,706)	(\$25,851)	\$4,996	(\$69,731)	(\$46,304)	(\$60,336)	(\$52,010)	(\$61,517)	\$123,956	\$330,027	\$473,026	\$775,908	
112	Under/(Over) Recovery	(\$34,706)	\$8,855	\$30,848	(\$74,728)	\$23,427	(\$14,032)	\$8,326	(\$9,507)	\$185,473	\$206,070	\$142,999	\$302,882	\$775,908

Attachment NG-JBF-3

Actual vs. Normal Heating Degree Day Comparison for November 2011- April 2012

ACTUAL VS. NORMAL HEATING DEGREE DAY COMPARISON FOR NOVEMBER 2011- APRIL 2012

Line No.	Month	Normal Billing Degree Days*	Actual Billing Degree Days
1	Nov-2011	591	389
2	Dec-2011	920	643
3	Jan-2012	1072	891
4	Feb-2012	942**	910
5	Mar-2012	800	735
6	Apr-2012	475	484
7	Total	4,800	4,052
8	Degree Day Difference	748	
9	Degree Day Difference (%)	16%	

* Source: Normal Heating Degree Day Report as used in the Rate Case RIPUC Docket No. 4321

** Figure based on Leap Year

Attachment NG-JBF-4

REVENUE-PER-CUSTOMER RPC TARGETS

Revenue-Per-Customer RPC Targets

		Docket No. 3943 Compliance												Total
		Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct 08 - Sep 09
Revenue Per Customer (RPC) Calculations														
Line No.														
	Residential Non-Heat													
1	Number of Customers	28,552	28,533	28,502	28,109	27,840	27,645	27,462	27,343	27,240	27,156	27,092	27,110	27,715
2	Base Revenue	\$ 417,133	\$ 457,249	\$ 495,163	\$ 520,167	\$ 500,794	\$ 490,746	\$ 479,269	\$ 457,419	\$ 435,031	\$ 406,889	\$ 382,012	\$ 398,891	\$ 5,440,763
3	RPC	\$ 14.61	\$ 16.03	\$ 17.37	\$ 18.51	\$ 17.99	\$ 17.75	\$ 17.45	\$ 16.73	\$ 15.97	\$ 14.98	\$ 14.10	\$ 14.71	\$ 196.20
Residential Heating														
4	Number of Customers	176,609	179,078	180,855	181,813	182,363	182,542	181,716	180,361	179,287	178,462	177,863	178,447	179,950
5	Base Revenue	\$ 3,825,830	\$ 6,145,443	\$ 9,275,333	\$ 11,405,718	\$ 11,778,571	\$ 11,260,870	\$ 9,451,468	\$ 5,595,988	\$ 4,532,816	\$ 3,724,827	\$ 3,420,788	\$ 3,632,511	\$ 84,050,163
6	RPC	\$ 21.66	\$ 34.32	\$ 51.29	\$ 62.73	\$ 64.59	\$ 61.69	\$ 52.01	\$ 31.03	\$ 25.28	\$ 20.87	\$ 19.23	\$ 20.36	\$ 465.06
Small														
7	Number of Customers	18,084	18,500	18,765	18,879	18,950	18,967	18,813	18,657	18,491	18,343	18,286	18,334	18,589
8	Base Revenue	\$ 517,112	\$ 886,128	\$ 1,340,672	\$ 1,649,373	\$ 1,788,145	\$ 1,669,227	\$ 1,402,189	\$ 696,524	\$ 575,687	\$ 489,565	\$ 469,873	\$ 487,927	\$ 11,972,422
9	RPC	\$ 28.60	\$ 47.90	\$ 71.45	\$ 87.37	\$ 94.36	\$ 88.01	\$ 74.53	\$ 37.33	\$ 31.13	\$ 26.69	\$ 25.70	\$ 26.61	\$ 639.67
Medium C&I														
10	Number of Customers	4,435	4,496	4,522	4,529	4,553	4,558	4,543	4,526	4,521	4,509	4,498	4,517	4,517
11	Base Revenue	\$ 939,013	\$ 1,213,472	\$ 1,634,292	\$ 1,888,641	\$ 1,985,288	\$ 1,871,476	\$ 1,544,766	\$ 1,188,549	\$ 1,010,871	\$ 885,873	\$ 858,744	\$ 907,871	\$ 15,928,856
12	RPC	\$ 211.73	\$ 269.90	\$ 361.41	\$ 417.01	\$ 436.04	\$ 410.59	\$ 340.03	\$ 262.60	\$ 223.59	\$ 196.47	\$ 190.92	\$ 200.99	\$ 3,521.28