# nationalgrid

Jennifer Brooks Hutchinson Senior Counsel

November 26, 2013

### VIA HAND DELIVERY & ELECTRONIC MAIL

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

### RE: Docket 4451 – The Narragansett Electric Company, d/b/a National Grid 2014 Energy Efficiency Program Plan Supplemental Filing

Dear Ms. Massaro:

Enclosed are ten (10) copies of revised gas tables identified as Attachment 5-Revised, of National Grid's<sup>1</sup> proposed Energy Efficiency Program Plan for 2014 (the "2014 Plan" or "Plan") that the Company filed with the Commission on November 1, 2013. Following the November 1 filing, the Company noted that the gas sales forecast used in calculating the gas Energy Efficiency Program ("EEP") charge was inconsistent with the forecast that the Company had used in other recent regulatory proceedings. In addition, the Company noted that it had not updated the uncollectible rate in the calculation of the uncollectible gross up of the gas EEP charge. The Company has revised the forecast and updated the uncollectible rate in Attachment 5-Revised to reflect an accurate calculation of the gas EEP charge that would be assessed to customers and is submitting Attachment 5-Revised to the Commission for its approval.

The Company also filed Attachment 4-Revised on November 22, 2013 to correct inconsistencies in its electric sales forecast and to include the uncollectible gross-up adjustment in the calculation of the electric EEP charge. Together with Attachment 4-Revised, the enclosed Attachment 5-Revised completes the supplemental filing of the Company's 2014 Plan that it is presenting to the Commission for approval.

A summary of the changes contained in Attachment 5-Revised (Tables G-1 through G-9) is as follows:

• The Company corrected the forecast of gas sales in Table G-1 downward approximately 9%. Although the revised quantity of sales is from the same forecast

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid (referred to herein as "National Grid" or the "Company").

Luly E. Massaro, Commission Clerk Docket 4451 - EEPP Supplemental Filing (Gas) November 26, 2013 Page 2 of 4

> that the Company used in its November 1, 2013 filing, the original quantity inadvertently double-counted sales forecasted for some rate classes and omitted sales forecasted for other rate classes. In addition, the C&I sector forecast reflected in the November 1 filing omitted the forecast of Non Firm customers, who are subject to the gas EEP charge. Therefore, the Company has included the forecast for this group of customers in this supplemental filing. Also, pursuant to the settlement agreement in Docket 3790, and included in each annual EEP approved since then, certain customers are eligible for an exemption from the gas EEP charge as a result of having installed separately metered combined heat and power ("CHP") generating facilities or having implemented a self-directed energy efficiency program. The Company has two customers who qualify and are exempt from the EEP charge for the applicable portion of their gas usage as a result of having installed CHP. Therefore, the Company has reduced the forecast in Table G-1 by the historic sales to these customers, as the Company's forecast includes them. Finally, the November 1 forecast was presented on a calendar-month basis while the corrected forecast is presented, with all of the above corrections, on a billing-month basis. This revised forecast is consistent with the gas forecast used in other recent proceedings.

- To maintain the proposed two sector-specific gas EEP charges as close to the \$0.596 per dekatherm for residential customers and \$0.474 per dekatherm for C&I customers from the November 1 filing as possible, the Company reduced the gas budget by \$2.3 million. This results in a new gas EEP charge of \$0.600 for residential customers and \$0.492 for C&I customers, inclusive of the gross up for uncollectibles expense. The impact on the typical residential heating customer using 846 therms per year is an increase of \$15.97 or 1.3%. Schedule 2 to this letter illustrates the calculation of these figures.<sup>2</sup>
- Thus, in this supplemental filing, the Company is proposing a total gas budget of \$23.5 million (compared to \$25.8 million in the November 1 filing), as shown on Table G-1. The budget reductions include \$1.7 million from program incentives and sales support distributed across all programs, \$300,000 from C&I financing of gas energy efficiency projects, and the balance from marketing, evaluation, and regulatory and shareholder incentive costs that are based on a percentage of the budget. The resulting changes to costs and benefits are reflected in Tables G-2 through G-7, as well as G-9. In addition, as a result of the revised budget, the benefit-cost ratio increased from 1.69 to 1.70, as shown in Table G-5.
- As a result of the budget reduction, savings are 93% of the originally filed savings. The new lifetime savings expected to be produced from the gas plan is 4,052,374

<sup>&</sup>lt;sup>2</sup> The Company submitted electric bill impacts as <u>Schedule 1</u> to the Company's November 22, 2013 filing. For ease of reference, the Company has identified the gas bill impacts included with this filing as <u>Schedule 2</u>.

Luly E. Massaro, Commission Clerk Docket 4451 - EEPP Supplemental Filing (Gas) November 26, 2013 Page 3 of 4

MMBtu, as shown in Table G-6, which translates into a lifetime bill savings of approximately \$50.7 million.<sup>3</sup> The revised gas plan will create economic benefits of \$49.0 million over the life of the measures (compared to \$53.5 million in the November 1 filing), as shown in Table G-6. When combined with electric, the Plan will still generate more than \$416.4 million in total economic benefits over the life of the measures.

- Participation in the gas programs will decrease by approximately 1,100 customers compared to the originally filed plan, but will still increase by 46,285 participants compared to the 2013 Plan for the gas program, as shown on Table G-7.
- The Company has also updated the gross-up adjustment for the uncollectible rate of 3.18% in Table G-1, the rate approved by the Commission in the Company's last general rate case, Docket 4323, and to show the charges as they will appear on customer bills.
- For the sake of completeness the Company has included the full set of gas tables.

The Company believes it is necessary to make these corrections to its gas EEP charges and to revise its gas programs accordingly in order to balance the concerns of the parties regarding the funding levels for this year's Plan. The Company apologizes to the Commission for any inconvenience that may have been caused as a result of the errors in the original forecast, and the Company has taken steps to mitigate this occurrence in the future. The Company believes, however, that the gas programs, as revised in this supplemental filing, still meet the objectives of all parties and will provide a stable delivery of energy efficiency services to its customers, notwithstanding the reduction in the gas budget compared to the original proposal.

The Company has consulted with the settlement parties (i.e. the Division of Public Utilities and Carriers, the Rhode Island Energy Efficiency and Resources Management Council, Environment Northeast, and The Energy Council of Rhode Island), and they have each indicated their support for and approval of Attachment 5-Revised In addition, the Company has received confirmation from The Energy Council of Rhode Island that they support and approve of the revised electric tables (Attachment 4-Revised) that the Company filed with the Commission on November 22, 2013.

The Company respectfully requests that the Commission approve the 2014 Plan, as revised in this supplemental filing.

<sup>&</sup>lt;sup>3</sup> Lifetime bill savings are estimated by multiplying lifetime savings by current rates in 2013 dollars.

Luly E. Massaro, Commission Clerk Docket 4451 - EEPP Supplemental Filing (Gas) November 26, 2013 Page 4 of 4

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

Very truly yours,

Jemon Bing Hill-

Jennifer Brooks Hutchinson

cc: Docket 4451 Service List Karen Lyons, Esq. Jon Hagopian, Esq. Steve Scialabba, Division

### 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 of Public Utilities and Carriers.

unfor Bing Hills

Jennifer Brooks Hutchinson

November 26, 2013

Date

### Docket No. 4451 - National Grid - 2014 Energy Efficiency Program Plan Service list updated 11/5/13

Name/Address	E-mail Distribution List	Phone
Jennifer Brooks Hutchinson, Esq.	Jennifer.hutchinson@nationalgrid.com	401-784-7288
National Grid	Joanne.scanlon@nationalgrid.com	
280 Melrose St.	Celia.obrien@nationalgrid.com	
Providence, RI 02907	Jeremy.newberger@nationalgrid.com	
Karen Lyons, Esq.	klyons@riag.ri.gov	
Dept. of Attorney General 150 South Main St.	dmacrae@riag.ri.gov	
Providence, RI 02903	jmunoz@riag.ri.gov	
Jon Hagopian, Esq.	Jhagopian@dpuc.ri.gov	401-784-4775
Division of Public Utilities and Carriers	Dstearns@dpuc.ri.gov	
	Acontente@dpuc.ri.gov	
	Sscialabba@dpuc.ri.gov	
	Jshilling@dpuc.ri.gov	_
William II Fannyan Evalutive Director	jspirito@dpuc.ri.gov	401-722-7352
William H. Ferguson, Executive Director The Energy Council of RI (TEC-RI)	Bferguson2010@cox.net	401-722-7352
436 Armistice Blvd.		
Pawtucket, RI 02861		
R. Daniel Prentiss, P.C. (for EERMC)	dan@prentisslaw.com	401-824-5150
Prentiss Law Firm		
One Turks Head Place, Suite 380		
Providence, RI 02903		
S. Paul Ryan (for EERMC)	spryan@eplaw.necoxmail.com	
Jamie Howland	jhowland@env-ne.org	617-742-0054
Environment Northeast	-	
101 Tremont St., Suite 401	aanthony@env-ne.org	
Boston, MA 02108		
Scudder Parker VEIC	sparker@veic.org	
Tim Woof	twoolf@synapse-energy.com	
Jennifer Kallay		

Synapse Energy Economics	jkallay@synapse-energy.com	
22 Pearl Street		
Cambridge, MA 02139		
Original & 10 copies file w/:	Luly.massaro@puc.ri.gov	401-780-2107
Luly E. Massaro, Commission Clerk	Amy.Dalessandro@puc.ri.gov	
Public Utilities Commission	Alan.nault@puc.ri.gov	
89 Jefferson Blvd.	Nicholas.ucci@puc.ri.gov	
Warwick, RI 02888		
Marion S. Gold, OER	Marion.Gold@energy.ri.gov	
Christopher Kearns, OER	Christopher.Kearns@energy.ri.gov	

		EE	\$0.31     \$10.06       \$0.34     \$11.12       \$0.38     \$12.20       \$0.41     \$12.20       \$0.45     \$12.20       \$0.45     \$12.49       \$0.51     \$16.56       \$0.55     \$17.66       \$0.58     \$18.71       \$0.56     \$17.66       \$0.58     \$18.71       \$0.56     \$20.96	EE     31   \$10.06     34   \$11.12     38   \$12.20     41   \$13.31     45   \$14.42     51   \$16.56     53   \$17.66     55   \$17.66     58   \$18.71     61   \$19.79     65   \$20.96
		le to: 		le to: <u>GET</u> S0.31 S0.33 S0.45 S0.45 S0.55 S0.55 S0.65 S0.65 S0.65
		Difference due to: AC ISR	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Difference due to: AC \$0.00 \$0 \$0.00 \$0.00 \$0 \$0.00 \$0 \$0.00 \$0 \$0.00 \$00 \$
		Diff DAC Base DAC	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Dif Dif Base DAC S0.00 \$0.00
umption:		GCR	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	GCR \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Bill Impact Analysis with Various Levels of Consumption:		<u>% Chg</u>	1.2% 1.2% 1.3% 1.3% 1.3% 1.3% 1.4% 1.4%	<u>% Chg</u> 1.3% 1.3% 1.4% 1.4% 1.4% 1.4% 1.4%
alysis with V:		Difference	\$10.37 \$11.46 \$12.58 \$13.72 \$14.87 \$14.87 \$13.72 \$14.87 \$13.72 \$14.87 \$13.72 \$13.72 \$13.21 \$19.29 \$20.40 \$21.61	Difference \$10.37 \$11.46 \$13.72 \$13.72 \$13.72 \$13.72 \$13.72 \$13.72 \$13.72 \$13.27 \$13.27 \$13.27 \$13.27 \$13.27 \$12.97 \$12.97 \$12.07\$\$12.0
Bill Impact A		Current <u>Rates</u>	\$848.50 \$920.56 \$933.73 \$1,067.09 \$1,138.61 \$1,205.30 \$1,205.30 \$1,343.45 \$1,474.49 \$1,546.04 \$1,546.04	Current <u>Rates</u> \$806.01 \$875.33 \$945.72 \$1,016.36 \$1,016.36 \$1,149.90 \$1,214.56 \$1,214.56 \$1,214.56 \$1,214.56 \$1,346.67 \$1,479.60
		Proposed <u>Rates</u>	\$\$58.87 \$932.02 \$1,006.30 \$1,080.81 \$1,53.47 \$1,53.47 \$1,53.47 \$1,53.47 \$1,53.47 \$1,53.47 \$1,549.23 \$1,494.89 \$1,494.89 \$1,567.64	Proposed <u>Rates</u> \$816.38 \$886.79 \$958.30 \$1,030.08 \$1,100.29 \$1,165.87 \$1,301.71 \$1,365.96 \$1,430.68 \$1,430.68 \$1,501.21
	Residential Heating:	Annual Consumption (Therms)	550 608 667 727 727 727 727 727 727 727 727 727	Residential Heating Low Income:     Annual     Consumption (Therms)     550     608     667     727     727     728     Average Customer     846     904     904     1,023     1,081     1,145
	Line <u>No.</u>	3333E	$ \begin{array}{c} (5) \\ (5) \\ (1) $	$ \begin{array}{c} (16) \\ (17) \\ (17) \\ (17) \\ (19) \\ ($

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 1 of 5

> National Grid - RI Gas 2014 Energy Efficiency Plan Filing - 2014 Energy Efficiency Program Charge Bill Impact Analysis with Various Levels of Consumption:

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 1 of 5

.

.

Line No. (31) (32) (33) (33) (33) (34) (35) (35) (35) (35) (37) (37) (37) (37) (37) (37) (37) (37	Residential Non-Heating: Annual Consumption (Therms)			•	•		ſ				
	Consumption (]	Π									
	Consumption (T	Annual	Proposed	Current				Di	Difference due to:		
		<u>(herms)</u>	<u>Rates</u>	Rates	Difference	% Chg	GCR	DAC Base DAC	CISR	GET	EE
		140	\$327.76	\$325.12	\$2.64	0.8%	\$0.00	\$0.00	\$0.00	\$0.08	\$2.56
		155	\$345.59	\$342.67	\$2.92	0.9%	\$0.00	\$0.00	\$0.00	\$0.09	\$2.83
		171	\$364.69	\$361.46	\$3.23	0.9%	\$0.00	00.00	\$0.00	\$0.10	\$3.13
		184	\$380.17	\$376.68	\$3.48	0.9%	\$0.00	\$0.00	\$0.00	\$0.10	\$3.38
		198	\$396.86	\$393.15	\$3.71	0.9%	\$0.00	\$0.00	\$0.00	\$0.11	\$3.60
(41) (42) (43) (44) (45)	Average Customer	214	\$415.56	\$411.54	\$4.02	1.0%	\$0.00	\$0.00	\$0.00	\$0.12	\$3.90
(42) (43) (44) (45)		228	\$432.63	\$428.33	\$4.30	1.0%	\$0.00	\$0.00	\$0.00	\$0.13	\$4.17
(43) (44) (45)		244	\$451.74	\$447.13	\$4.61	1.0%	\$0.00	\$0.00	\$0.00	\$0.14	\$4.47
(44) (45)		258	\$468.42	\$463.57	\$4.86	1.0%	\$0.00	\$0.00	\$0.00	\$0.15	\$4.71
(45)		275	\$488.62	\$483.43	\$5.20	1.1%	\$0.00	\$0.00	\$0.00	\$0.16	\$5.04
		288	\$504.19	\$498.76	\$5.43	1.1%	\$0.00	00.00	00.03	\$0.16	\$5.27
Resider	Residential Non-Heating Low Income:	ome:									
(46)		Annual	Proposed	Current				Dii	Difference due to:	:	
(47)	Consumption (Therms)	Therms)	Rates	Rates	Difference	% Chg	GCR	DAC	0	GET	EE
(48) (49)								Base DAC	ISR		
(50)		140	\$305.34	\$302.70	\$2.64	0.9%	\$0.00	\$0.00	\$0.00	\$0.08	\$2.56
(51)		155	\$322.49	\$319.58	\$2.92	0.9%	\$0.00	\$0.00	\$0.00	\$0.09	\$2.83
(52)		171	\$340.87	\$337.64	\$3.23	1.0%	\$0.00	\$0.00	\$0.00	\$0.10	\$3.13
(53)		184	\$355.76	\$352.27	\$3.48	1.0%	\$0.00	\$0.00	\$0.00	\$0.10	\$3.38
(54)		198	\$371.82	\$368.10	\$3.71	1.0%	\$0.00	\$0.00	\$0.00	\$0.11	\$3.60
	Average Customer	214	\$389.81	\$385.79	\$4.02	1.0%	\$0.00	\$0.00	\$0.00	\$0.12	\$3.90
(56)		228	\$406.23	\$401.93	\$4.30	1.1%	\$0.00	\$0.00	\$0.00	\$0.13	\$4.17
(57)		244	\$424.62	\$420.01	\$4.61	1.1%	\$0.00	\$0.00	\$0.00	\$0.14	\$4.47
(58)		258	\$440.66	\$435.81	\$4.86	1.1%	\$0.00	\$0.00	\$0.00	\$0.15	\$4.71
(59)		275	\$460.10	\$454.90	\$5.20	1.1%	\$0.00	00.00	\$0.00	\$0.16	\$5.04
(09)		288	\$475.08	\$469.64	\$5.43	1.2%	\$0.00	\$0.00	\$0.00	\$0.16	\$5.27

The Narragansett Electric Company d/b/a National Grid

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 2 of 5

			2014 Ene	rgy Efficiency Bill Impact Ar	National G Plan Filing - 2 alysis with V:	National Grid - KI Gas Energy Efficiency Plan Filing - 2014 Energy Efficiency Program Charge Bill Impact Analysis with Various Levels of Consumption:	ncy Program Cha nsumption:	ırge		Pa	Schedule 2 Page 3 of 5
Line <u>No.</u>	C & I Small:										
(61)		Annual	Proposed	Current				Dif	Difference due to:		
(62)	CC	Consumption (Therms)	Rates	Rates	Difference	% Chg	GCR	DAC		GET	EE
(63)		r X	ļ					Base DAC	ISR		l
(65)		880	\$1,407.00	\$1,400.21	\$6.79	0.5%	\$0.00	80.00	\$0.00	\$0.20	\$6.59
(99)		973	\$1,513.14	\$1,505.62	\$7.52	0.5%	\$0.00	\$0.00	\$0.00	\$0.23	\$7.29
(67)		1,067	\$1,619.66	\$1,611.41	\$8.25	0.5%	\$0.00	\$0.00	\$0.00	\$0.25	\$8.00
(68)		1,162	\$1,724.87	\$1,715.89	\$8.99	0.5%	\$0.00	\$0.00	\$0.00	\$0.27	\$8.72
(69)		1,258	\$1,825.46	\$1,815.75	\$9.71	0.5%	\$0.00	\$0.00	\$0.00	\$0.29	\$9.42
(10)	Average Customer	1,352	\$1,922.85	\$1,912.42	\$10.43	0.5%	\$0.00	\$0.00	\$0.00	\$0.31	\$10.12
(11)		1,446	\$2,021.06	\$2,009.87	\$11.20	0.6%	\$0.00	\$0.00	\$0.00	\$0.34	\$10.86
(72)		1,542	\$2,120.69	\$2,108.76	\$11.93	0.6%	\$0.00	\$0.00	\$0.00	\$0.36	\$11.57
(73)		1,635	\$2,217.30	\$2,204.65	\$12.65	0.6%	\$0.00	\$0.00	\$0.00	\$0.38	\$12.27
(74)		1,730	\$2,314.90	\$2,301.52	\$13.38	0.6%	\$0.00	\$0.00	\$0.00	\$0.40	\$12.98
(75)		1,825	\$2,412.54	\$2,398.45	\$14.09	0.6%	\$0.00	\$0.00	00.03	\$0.42	\$13.67
	C & I Medium:										
(20)		Annual	Proposed	Current				Dif	Difference due to:		
(77)	3	Consumption (Therms)	Rates	Rates	Difference	% Chg	GCR	DAC		GET	EE
(78) (79)								Base DAC	ISR		
(80)		7,941	\$9,309.28	\$9,247.90	\$61.38	0.7%	\$0.00	\$0.00	\$0.00	\$1.84	\$59.54
(81)		8,796	\$10,218.71	\$10,150.70	\$68.01	0.7%	\$0.00	\$0.00	\$0.00	\$2.04	\$65.97
(82)		9,650	\$11,126.64	\$11,052.03	\$74.61	0.7%	\$0.00	\$0.00	00.03	\$2.24	\$72.37
(83)			\$12,036.07	\$11,954.85	\$81.23	0.7%	\$0.00	\$0.00	\$0.00	\$2.44	\$78.79
(84)	(		\$12,945.90	\$12,858.06	\$87.84	0.7%	\$0.00 \$	\$0.00 \$0	\$0.00 \$0.00	\$2.64	\$85.20
(85)	Average Customer	12,217	\$13,856.04	\$13,761.57	\$94.46	0.7%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$2.83	<b>\$91.63</b>
(86)			\$14,766.20	\$14,665.12	\$101.08	0.7%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$3.03 \$2.03	\$98.05
(87)		13,928	\$15,675.08	\$15,567.37	\$111.71	0.7%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$3.23	\$104.48
(88)		14,182	10.280.014	\$10,409.27 \$17 271 51	\$114.30 \$120.04	0.7%	00.0¢	00.04	00.0¢	\$5.45 \$2.62	\$110.8/ \$117.21
(60)		16,492	\$18,401.92	\$18,274.40	\$127.52	0.7%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$3.83	\$123.69

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2

National Grid - RI Gas

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 3 of 5

			2014 Ener	rgy Efficiency ] Rill Innact An	Plan Filing - 2 Planse with V	Energy Efficiency Plan Filing - 2014 Energy Efficiency Program Charge Bill Immort Analysis with Various Levels of Consumption:	ncy Program Chi	arge		Pa	Page 4 of 5
Line No.	C & I LLF Large:	Π									
(91)	Ar	Annual	Proposed	Current				Dif	Difference due to:		
(92)	Consumption (Therms)	erms)	Rates	Rates	Difference	% Chg	GCR _	DAC		GET	EE
(93) (94)								Base DAC	ISR		
(95)	41,	41,066 \$	\$44,235.34	\$43,917.82	\$317.52	0.7%	\$0.00	\$0.00	\$0.00	\$9.53	\$307.99
(96)	45,		\$48,765.48	\$48,413.78	\$351.70	0.7%	\$0.00	\$0.00	\$0.00	\$10.55	\$341.15
(67)	49,		\$53,295.69	\$52,909.75	\$385.94	0.7%	\$0.00	\$0.00	\$0.00	\$11.58	\$374.36
(86)	54,	54,334 9	\$57,827.65	\$57,407.55	\$420.10	0.7%	\$0.00	\$0.00	\$0.00	\$12.60	\$407.50
(66)	58,		\$62,358.73	\$61,904.41	\$454.32	0.7%	\$0.00	\$0.00	\$0.00	\$13.63	\$440.69
(100)	Average Customer 63,		\$66,889.06	\$66,400.58	\$488.47	0.7%	\$0.00	\$0.00	\$0.00	\$14.65	\$473.82
(101)	67,	67,600 9	\$71,418.16	\$70,895.49	\$522.67	0.7%	\$0.00	\$0.00	\$0.00	\$15.68	\$506.99
(102)	72,	72,023 9	\$75,949.23	\$75,392.35	\$556.88	0.7%	\$0.00	\$0.00	\$0.00	\$16.71	\$540.17
(103)	76,	76,447	\$80,481.83	\$79,890.74	\$591.08	0.7%	\$0.00	\$0.00	\$0.00	\$17.73	\$573.35
(104)	80,	80,870 9	\$85,012.94	\$84,387.66	\$625.28	0.7%	\$0.00	\$0.00	\$0.00	\$18.76	\$606.52
(105)	85,	85,292	\$89,543.10	\$88,883.61	\$659.48	0.7%	\$0.00	00.03	\$0.00	\$19.78	\$639.70
_	C & I HLF Large:	Π									
(106)	Ar	Annual	Proposed	Current				Dif	Difference due to:	:0	
(107)	Consumption (Therms)	erms)	Rates	Rates	Difference	<u>% Chg</u>	GCR	DAC		GET	EE
(108)								Base DAC	ISR		
(110)	50,	50,411 \$	\$48,294.78	\$47,904.98	\$389.79	0.8%	\$0.00	\$0.00	\$0.00	\$11.69	\$378.10
(111)	55,		\$53,263.57	\$52,831.82	\$431.75	0.8%	\$0.00	\$0.00	\$0.00	\$12.95	\$418.80
(112)	61,		\$58,234.07	\$57,760.30	\$473.77	0.8%	\$0.00	\$0.00	\$0.00	\$14.21	\$459.56
(113)			\$63,199.66	\$62,683.91	\$515.74	0.8%	<b>\$0.00</b>	\$0.00	80.00	\$15.47	\$500.27
(114)			\$68,168.48	\$67,610.76	\$557.72	0.8%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$16.73 \$17.00	\$540.99
(c11) (c11)	Average Customer 77,		\$/3,136.43	\$/2,536./6	19.665	0.8%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	81.79 90.01	\$0.18C\$
(011)	87, 00		\$/8,105.33 \$02.071.71	\$//,403.08 ©07.200.02	\$041.05 52 2023	0.8%0	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	C2.61¢	\$622.4U \$662.14
(11)	03 03	03,847 03,847	\$88,041.24	\$87 315 77	60.000¢	0.8%	\$0.00	00.0¢	00.0¢	10.024	\$005.14 \$703 85
(011)	00 00		\$93 008 53	\$97.240.94	\$767.60	0.8%	\$0.00 \$	\$0.00 \$0.00	\$0.00 \$0.00	\$23.03	\$744.57
(120)	104,		\$97,977.42	\$97,167.84	\$809.58	0.8%	\$0.00	\$0.00	\$0.00	\$24.29	\$785.29

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 4 of 5

National Grid - RI Gas vy Plan Filing - 2014 Energy Effici TV Fffici. 2014 Ene The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 4 of 5

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 5 of 5 The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 Schedule 2 Page 5 of 5

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 1 of 9

### Table G-1 National Grid Gas DSM Funding Sources in 2014 by Sector \$(000)

	Income Eligible	jections by Sect Non-Income Eligible	Commercial &	
(1) Projected Budget (from G-2):	Residential \$4,827.0	Residential \$10,289.7	Industrial \$8,375.8	Total \$23,492.5
Sources of Other Funding:				
(2) Estimated Year-End 2013 Fund Balance and Interest:	(\$200.0)	(\$1,860.3)	\$4,010.4	\$1,950.1
(3) Low Income Weatherization in Base Rates:	\$200.00			<u>\$200.00</u>
(4) Total Other Funding:	\$0.0	(\$1,860.3)	\$4,010.4	\$2,150.1
(5) Customer Funding Required:	\$4,827.0	\$12,150.0	\$4,365.4	\$21,342.3
<ul><li>(6) Forecasted Firm Dth Sales</li><li>(7) Forecasted Non Firm Dth Sales</li><li>(8) Less: Exempt DG Customers</li></ul>	1,815,891	17,284,732	19,492,157 2,717,890 (740,708)	38,592,780 2,717,890 (740,708)
(9) Forecasted Dth Sales:	1,815,891	17,284,732	21,469,338	40,569,962
Average Energy Efficiency Program Charge per Dth (10) excluding Uncollectible Recovery:				\$0.526
Proposed Energy Efficiency Program Charge per Dth (11) excluding Uncollectible Recovery	\$0.581	\$0.581	\$0.477	
(12) Currently Effective Uncollectible Rate	3.18%	<u>3.18%</u>	<u>3.18%</u>	
Proposed Energy Efficiency Program Charge per Dth (13) including Uncollectible Recovery:	\$0.600	\$0.600	\$0.492	
Currently Effective Energy Efficiency Program Charge (14) per Dth	\$0.417	\$0.417	\$0.417	
Adjustment to Reflect Fully Reconciling Funding (15) Mechanism	\$0.183	\$0.183	\$0.075	

### Notes

(1) Projected Budget from G-2 includes Regulatory costs allocated to each sector based on forecasted sales.

(2) Fund Balance projections include projected revenue and spend through year end, with Low Income sector set to \$0 through projected subsidization from other sectors. Also includes contribution from C&I sector to Residential sector consistent with 2013 Plan.

(11) As agreed to by the settling parties, the proposed EE program charges allow for the use of collections from one sector to fund energy efficiency services in other sectors that would otherwise not be supported with the proposed collection rates. The C&I charge includes collection of \$5875.5 of which \$3771.9 will be allocated to the low income sector and \$2,107.5 to the residential sector.

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 2 of 9

## Table G-2 National Grid 2014 Gas Energy Efficiency Program Budget (\$000)

	Program		Rebates and	Sales, Technical			
	Planning and		Other Customer	Assistance and	Evaluation &	Shareholder	
	Administration	Marketing	Incentives	Training	Market Research	Incentive	Grand Total
Non-Income Eligible Residential:							
ENERGY STAR <sup>®</sup> HVAC	\$53.5	\$279.0	\$1,449.5	\$214.9	\$35.2	\$0.0	\$2,032.0
EnergyWise	\$108.4	\$52.9	\$4,380.0	\$279.2	\$28.1	\$0.0	\$4,848.6
EnergyWise Multifamily	\$21.1	\$5.3	\$1,100.0	\$188.3	\$6.8	\$0.0	\$1,321.4
Home Energy Reports	\$18.5	\$0.2	\$412.4	\$37.2	\$27.6	\$0.0	\$496.0
Residential Products Pilot	\$2.4	\$18.1	\$62.5	\$53.3	\$0.1	\$0.0	\$136.4
Residential New Construction	\$7.5	\$0.4	\$425.0	\$175.6	\$1.4	\$0.0	\$610.0
Comprehensive Marketing - Residential	\$2.5	\$136.8	\$0.0	\$0.3	\$0.1	\$0.0	\$139.8
Community Based Initiatives - Residential	\$0.9	\$0.0	\$30.0	\$13.5	\$5.1	\$0.0	\$49.5
Residential Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$481.7	\$481.7
Subtotal - Non-Income Eligible Residential	\$214.9	\$492.8	\$7,859.3	\$962.3	\$104.4	\$481.7	\$10,115.4
Income Eligible Residential:							
Single Family - Income Eligible Services	\$24.4	\$7.2	\$1,877.5	\$674.9	\$17.3	\$0.0	\$2,601.3
Income Eligible Multifamily	\$56.0	\$6.1	\$1,650.0	\$255.6	\$10.8	\$0.0	\$1,978.4
Income Eligible Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$229.0	\$229.0
Subtotal - Income Eligible Residential	\$80.3	\$13.3	\$3,527.5	\$930.5	\$28.2	\$229.0	\$4,808.7
Commercial & Industrial							
Large Commercial New Construction	\$77.0	\$118.9	\$1,383.0	\$517.7	\$65.6	\$0.0	\$2,162.3
Large Commercial Retrofit	\$119.3	\$189.3	\$2,543.3	\$820.7	\$80.8	\$0.0	\$3,753.3
Small Business Direct Install	\$7.2	\$40.5	\$279.6	\$218.6	\$26.9	\$0.0	\$572.8
Commercial & Industrial Multifamily	\$14.2	\$41.3	\$335.0	\$98.3	\$0.3	\$0.0	\$489.1
Commercial & Industrial Pilots	\$6.9	\$32.9	\$294.7	\$64.4	\$0.2	\$0.0	\$399.1
Finance Costs	\$0.0	\$0.0	\$200.0	\$0.0	\$0.0	\$0.0	\$200.0
Comprehensive Marketing - Commercial & Industrial	\$3.9	\$159.2	\$0.0	\$10.6	\$0.1	\$0.0	\$173.7
Community Based Initiatives - C&I	\$0.0	\$0.0	\$0.0	\$30.0	\$0.0	\$0.0	\$30.0
Commercial & Industrial Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$379.0	\$379.0
Subtotal - Commercial & Industrial	\$228.6	\$581.9	\$5,035.7	\$1,760.2	\$173.9	\$379.01	\$8,159.3
Regulatory							
EERMC	\$245.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$245.4
OER	\$163.6	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$163.6
Subtotal - Regulatory	\$409.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$409.0
Grand Total	\$932.8	\$1,088.0	\$16,422.5	\$3,653.0	\$306.5	\$1,089.7	\$23,492.5

Notes: (1) OER is equal to 0.8% and EERMC is equal to 1.2% of total collections from customers' Energy Efficiency Program Charge, reduced by 2%.

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 3 of 9

Table G-3
National Grid
Derivation of the 2014 Spending & Implementation Budgets (\$000)

	Proposed 2013 Budget From G-2 (\$000)	Outside Finance and Stakeholder Oversight Costs (\$000)	Shareholder Incentive (\$00		Evaluation Costs (\$000)	Eligible Sector Spending Budget for Shareholder Incentive on G-9 (\$000) <sup>1</sup>	1	nplementation Expenses for st-Effectiveness on G-5 (\$000) <sup>2</sup>
Non-Income Eligible Residential								
ENERGY STAR <sup>®</sup> HVAC	\$ 2,032.0		\$	-	\$ 35.2		\$	1,996.8
EnergyWise	\$ 4,848.6		\$	-	\$ 28.1		\$	4,820.5
EnergyWise Multifamily	\$ 1,321.4		\$	-	\$ 6.8		\$	1,314.7
Home Energy Reports	\$ 496.0		\$	-	\$ 27.6		\$	468.3
Residential Products Pilot	\$ 136.4		\$	-	\$ 0.1		\$	136.2
Residential New Construction	\$ 610.0				\$ 1.4			
Comprehensive Marketing - Residential	\$ 139.8		\$	-	\$ 0.1		\$	139.7
Community Based Initiatives - Residential	\$ 49.5		\$	-	\$ 5.1		\$	44.4
Residential Shareholder Incentive	\$ 481.7		\$ 48	1.7	\$ -		\$	-
Subtotal - Non-Income Eligible Residential	\$ 10,115.4	\$-	\$ 48	1.7	\$ 104.4	\$ 9,633.7	\$	9,529.3
Income Eligible Residential								
Single Family - Income Eligible Services	\$ 2,601.3		\$	-	\$ 17.3		\$	2,584.0
Income Eligible Multifamily	\$ 1,978.4		\$	-	\$ 10.8		\$	1,967.6
Income Eligible Shareholder Incentive	\$ 229.0		\$ 22	9.0	\$ -		\$	-
Subtotal - Income Eligible Residential	\$ 4,808.7	\$-	\$ 22	9.0	\$ 28.2	\$ 4,579.7	\$	4,551.5
Commercial & Industrial								
Large Commercial New Construction	\$ 2,162.3		\$	-	\$ 65.6		\$	2,096.7
Large Commercial Retrofit	\$ 3,753.3		\$	-	\$ 80.8		\$	3,672.5
Small Business Direct Install	\$ 572.8		\$	-	\$ 26.9		\$	545.9
Commercial & Industrial Multifamily	\$ 489.1		\$	-	\$ 0.3		\$	488.8
Commercial & Industrial Pilots	\$ 399.1		\$	-	\$ 0.2		\$	398.8
Finance Costs	\$ 200.0	\$ 200.0	\$	-	\$ -		\$	200.0
Comprehensive Marketing - Commercial & Industrial	\$ 173.7		\$	-	\$ 0.1		\$	173.6
Community Based Initiatives - C&I	\$ 30.0		\$	-	\$ -		\$	30.0
Commercial & Industrial Shareholder Incentive	\$ 379.0		\$ 37	9.0	\$ -		\$	-
Subtotal - Commercial & Industrial	\$ 8,159.3	\$ 200.0	\$ 37	9.0	\$ 173.9	\$ 7,580.3	\$	7,606.4
Regulatory								
EERMC	\$ 245.4	\$ 245.4					\$	245.4
OER	\$ 163.6	\$ 163.6					\$	163.6
Subtotal - Regulatory	\$ 409.0	\$ 409.0	\$	-	\$ -		\$	409.0
Grand Total	\$ 23,492.5	\$ 409.0	\$ 1,08	9.7	\$ 306.5	\$ 21,793.7	\$	22,096.2

Notes: (1) Eligbile Sector Spending Budget = Budget from G-2 minus Regulatory Costs, Finance Costs, and Shareholder Incentive (2) Implementation Expenses = Budget from G-2 minus Evaluation Costs and Shareholder Incentive

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 4 of 9

Table G-4
National Grid
Proposed 2014 Budget Compared to Approved 2013 Budget (\$000)

	Proposed2013BudgetApproved2014 from G-2Gas Budget		Di	Difference	
Non-Income Eligible Residential					
ENERGY STAR <sup>®</sup> HVAC	\$	2,032.0	\$ 2,441.9	\$	(409.8)
EnergyWise	\$	4,848.6	\$ 3,511.6	\$	1,337.0
EnergyWise Multifamily	\$	1,321.4	\$ 464.5	\$	857.0
Home Energy Reports	\$	496.0	\$ 304.6	\$	191.4
Residential Products Pilot	\$	136.4	\$ 172.9	\$	(36.5)
Residential New Construction	\$	610.0	\$ 344.2	\$	265.8
Comprehensive Marketing - Residential	\$	139.8	\$ 174.6	\$	(34.8)
Community Based Initiatives - Residential	\$	49.5	\$ 60.0	\$	(10.5)
Residential Shareholder Incentive	\$	481.7	\$ 373.7	\$	108.0
Subtotal - Non-Income Eligible Residential	\$	10,115.4	\$ 7,847.9	\$	2,267.5
Income Eligible Residential					
Single Family - Income Eligible Services	\$	2,601.3	\$ 2,450.1	\$	151.2
Income Eligible Multifamily	\$	1,978.4	\$ 1,628.6	\$	349.8
Income Eligible Shareholder Incentive	\$	229.0	\$ 203.9	\$	25.0
Subtotal - Income Eligible Residential	\$	4,808.7	\$ 4,282.7	\$	526.0
Commercial & Industrial					
Large Commercial New Construction	\$	2,162.3	\$ 2,202.1	\$	(39.8)
Large Commercial Retrofit	\$	3,753.3	\$ 3,163.2	\$	590.1
Small Business Direct Install	\$	572.8	\$ 159.2	\$	413.6
Commercial & Industrial Multifamily	\$	489.1	\$ 421.5	\$	67.7
Commercial & Industrial Pilots	\$	399.1	\$ 301.5	\$	97.5
Finance Costs	\$	200.0	\$ 300.0	\$	(100.0)
Comprehensive Marketing - Commercial & Industrial	\$	173.7	\$ 165.2	\$	8.5
Community Based Initiatives - C&I	\$	30.0	\$ -	\$	30.0
Commercial & Industrial Shareholder Incentive	\$	379.0	\$ 320.6	\$	58.4
Subtotal Commercial & Industrial	\$	8,159.3	\$ 7,033.4	\$	1,125.9
Regulatory					
EERMC	\$	245.4	\$ 225.6	\$	19.8
OER	\$	163.6	\$ 150.4	\$	13.2
Subtotal Regulatory	\$	409.0	\$ 376.0	\$	33.0
TOTAL BUDGET	\$	23,492.5	\$ 19,540.0	\$	3,952.5

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 5 of 9

### Table G-5 National Grid Calculation of 2014 Program Year Cost-Effectiveness All Dollar Values in (\$000)

Γ	Rhode Island				Program						TRC
	Benefit/		Total	Iı	mplementation	Customer		Evaluation	Shareholder	\$/	Lifetime
	Cost		Benefit		Expenses	Contribution		Cost	Incentive	1	MMBtu
Non-Income Eligible Residential											
Energy Star® HVAC	1.09	\$	3,717.9	\$	1,996.8	\$ 1,382	.4	\$ 35.2		\$	10.09
EnergyWise	1.40	\$	8,758.3	\$	4,820.5	\$ 1,400	.2	\$ 28.1		\$	10.37
EnergyWise MultiFamily	2.63	\$	4,316.3	\$	1,314.7	\$ 322	.5	\$ 6.8		\$	9.65
Home Energy Reports	1.19	\$	591.7	\$	468.3	\$ -		\$ 27.6		\$	6.71
Residential New Construction	1.11	\$	799.7	\$		\$ 111	.0	\$ 1.4		\$	12.68
Comprehensive Marketing - Residential		\$	-	\$	139.7	\$-		\$ 0.1			
Community Based Initiatives - Residential		\$	-	\$	44.4	\$ -		\$ 5.1			
Residential Products Pilot		\$	-	\$	136.2	\$-		\$ 0.1			
Non-Income Eligible Residential Subtotal	1.36	\$	18,184.0	\$	9,529.3	\$ 3,216	.1	\$ 104.4	\$ 481.7	\$	10.35
Income Eligible Residential							_				
Single Family - Income Eligible Services	1.00	\$	2,599,4	\$	2,584.0	s -	_	\$ 17.3		\$	20.34
Income Eligible Multifamily	4.15		8,219.7	۵ \$	1.967.6	s -		\$ 17.3 \$ 10.8		3 \$	6.44
0			,		,	Ŧ	_		* ***	Ŷ	
Income Eligible Residential Subtotal	2.36	\$	10,819.0	\$	4,551.5	\$-	-	\$ 28.2	\$ 229.0	\$	10.52
Large Commercial & Industrial											
Large Commercial New Construction	2.50	\$	5,619.0	\$	2,096.7	\$ 84	.5	\$ 65.6		\$	3.46
Large Commercial Retrofit	2.26	\$	12,660.0	\$	3,672.5	\$ 1,842	.7	\$ 80.8		\$	3.59
Small Business Direct Install	1.16	\$	708.0	\$	545.9	\$ 36	.3	\$ 26.9		\$	9.52
Commercial & Industrial Multifamily	1.41	\$	1,031.4	\$	488.8	\$ 241	.9	\$ 0.3		\$	6.99
Comprehensive Marketing - Commercial and Industrial		\$	-	\$	173.6	\$ -		\$ 0.1			
Commercial and Industral Pilots		\$	-	\$	398.8	\$ -		\$ 0.2			-
Community Based Initiatives - C&I		\$	-	\$	30.0	\$ -		s -			
Finance Costs		\$	-	\$	200.0	\$ -		s -			
Commercial & Industrial Subtotal	1.93	\$	20,018.3	\$	7,606.4	\$ 2,205	.4	\$ 173.9	\$ 379.0	\$	4.20
Regulatory		-		⊢			+				
EERMC		┢		\$	245.4		+				
OER				۰ ۶	163.6		-				
Regulatory Subtotal		1		\$	409.0		-				
Grand Total	1.70	\$	49.021.3	Ŧ	22,096.2	\$ 5.421	.5	\$ 306.5	\$ 1.089.7	\$	6.87

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 6 of 9

### Table G-6 National Grid Summary of 2014 Benefits and Savings by Program

		Benefits (\$000)		MMBTU Gas Saved		
	Total(1)	Natural Gas(2)	Non-Gas Benefit (3)	Annual	Lifetime(4)	
Non-Income Eligible Residential						
EnergyWise	\$8,758.3	\$5,493.0	\$3,265.4	30,120	602,399	
Energy Star® HVAC	\$3,717.9	\$2,982.7	\$735.3	20,344	338,335	
EnergyWise Multifamily	\$4,316.3	\$1,585.1	\$2,731.2	9,256	170,396	
Home Energy Reports	\$591.7	\$591.7	\$0.0	73,877	73,877	
Residential New Construction	\$799.7	\$799.7	\$0.0	3,683	56,855	
Non-Income Eligible Residential SUBTOTAL	\$18,184.0	\$11,452.1	\$6,731.8	137,281	1,241,861	
Income Eligible Residential						
Single Family - Income Eligible Services	\$2,599.4	\$1,166.3	\$1,433.1	6,395	127,900	
Income Eligible Multifamily	\$8,219.7	\$2,844.0	\$5,375.6	16,824	307,261	
Income Eligible Residential SUBTOTAL	\$10,819.0	\$4,010.3	\$6,808.7	23,219	435,161	
Commercial & Industrial						
Large Commercial New Construction	\$5,619.0	\$5,616.4	\$2.6	31,863	648,426	
Large Commercial Retrofit	\$12,660.0	\$12,655.7	\$4.3	121,592	1,558,309	
Small Business Direct Install	\$708.0	\$703.2	\$4.8	10,496	64,008	
Commercial & Industrial Multifamily	\$1,031.4	\$1,030.4	\$0.9	5,511	104,608	
Commercial & Industrial SUBTOTAL	\$20,018.3	\$20,005.6	\$12.6	169,463	2,375,352	
TOTAL	\$49,021.3	\$35,468.1	\$13,553.2	329,963	4,052,374	

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 7 of 9

### Table G-7 National Grid Comparison of 2013 and 2014 Goals

1	Р	roposed 2014		Approved 2013			Difference		
	Annual Energy Savings (MMBTU	10p03cu 2014	Population	Annual Energy Savings (MMBTU	<u></u>	Population	Annual Energy Savings (MMBTU		
	Natural Gas)	Participants	Reached	Natural Gas)	Participants	Reached	Natural Gas)	Participants	
Non-Income Eligible Residential									
EnergyWise	30,120	2,000	1%	30,333	2,000	1%	-213	0	
Energy Star® HVAC	20,344	2,584	1%	19,544	1,578	1%	801	1,006	
EnergyWise Multifamily	9,256	2,000	1%	5,605	700	0%	3,651	1,300	
Home Energy Reports	73,877	180,000	87%	35,781	136,475	66%	38,097	43,525	
Residential New Construction	3,683	392	13%	2,900	584	19%	784	-192	
Non-Income Eligible Residential SUBTOTAL	137,281	186,976	89%	94,161	141,337	67%	43,120	45,639	
Income Eligible Residential									
Single Family - Income Eligible Services	6,395	400	2%	6,250	400	2%	145	0	
Income Eligible Multifamily	16,824	2,200	11%	16,562	2,200	11%	262	0	
Income Eligible Residential SUBTOTAL	23,219	2,600	13%	22,812	2,600	13%	407	0	
Commercial & Industrial									
Large Commercial New Construction	31,863	192	4%	35,967	170	4%	-4,103	23	
Large Commercial Retrofit	121,592	606	13%	123,451	235	5%	-1,859	372	
Small Business Direct Install	10,496	316	2%	6,583	209	1%	3,913	107	
Commercial & Industrial Multifamily	5,511	745	TBD	4,800	600	TBD	711	145	
Commercial & Industrial SUBTOTAL	169,463	1,859	8%	170,802	1,213	5%	-1,338	646	
TOTAL	329,963	191,435	76%	287,775	145,150	57%	42,188	46,285	

Note:

(1) Participants can participate in more than one program, for example Home Energy Reports and EnergyWise. Therefore, participation can be greater than 100%.
(2) The total population for Residential New Construction is the number of new customer homes that will be built in 2014, which is estimated as 1.5% of the current customer base.

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 8 of 9

Table G-8
National Grid
Avoided Costs Used in 2014 Benefit-Cost Model

	RESIDENTIAL			COMMER	USTRIAL	ALL		
	Non				Non			RETAIL
Year	Heating	Hot Water	Heating	All	Heating	Heating	All	END USES
2013	5.32	5.78	6.90	6.73	5.51	6.35	6.05	6.41
2014	5.53	5.98	7.10	6.93	5.72	6.56	6.26	6.61
2015	5.54	5.98	7.09	6.93	5.72	6.56	6.26	6.61
2016	5.61	6.08	7.21	7.03	5.81	6.66	6.36	6.71
2017	5.71	6.34	7.51	7.30	5.96	6.91	6.57	6.95
2018	6.02	6.62	7.79	7.58	6.26	7.20	6.86	7.24
2019	6.46	6.95	8.08	7.90	6.66	7.53	7.22	7.58
2020	6.73	7.20	8.33	8.15	6.93	7.78	7.48	7.83
2021	6.87	7.36	8.48	8.30	7.07	7.93	7.62	7.98
2022	7.07	7.55	8.67	8.50	7.27	8.12	7.82	8.18
2023	7.20	7.67	8.80	8.62	7.40	8.25	7.95	8.30
2024	7.33	7.82	8.95	8.77	7.53	8.39	8.08	8.44
2025	7.52	7.99	9.12	8.94	7.72	8.57	8.27	8.62
2026	7.64	8.13	9.25	9.07	7.84	8.70	8.39	8.75
2027	7.76	8.25	9.37	9.19	7.96	8.82	8.51	8.87
2028	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2029	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2030	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2031	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2032	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2033	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2034	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2035	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2036	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2037	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2038	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2039	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2040	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2041	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2042	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97
2043	7.86	8.34	9.46	9.29	8.06	8.91	8.61	8.97

From 2013 Avoided Cost Study Appendix C for Southern New England

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4451 In Re: 2014 Energy Efficiency Program Plan Attachment 5 - Revised Page 9 of 9

### Table G-9 National Grid 2014 Targeted Shareholder Incentive

Incentive Rate:	5.00%				
	(1)	(2)	(3)	(4)	(5)
	Eligible				
	Spending	Target	Target	Threshold	Target Incentive
	Budget	Incentive	Savings Goal	Savings	Per Annual
Sector	\$(000)	\$(000)	(MMBTU)	(MMBTU)	MMBTU
Income Eligible Residential	\$4,580	\$229.0	23,219	17,414	\$9.862
Non-Income Eligible Residential	\$9,634	\$481.7	137,281	102,961	\$3.509
Commercial & Industrial	\$7,580	\$379.0	169,463	127,097	\$2.237
Total	\$ 21,794	\$1,089.7	329,963	247,472	\$3.302

### Notes:

(1) Eligible Spending Budget excludes EERMC, OER, Finance Costs, and Shareholder Incentive. See Table G-3 for details.

(2) Equal to the incentive rate (5.0%) x Column (1).

(3) See Table G-7

(4) 75% of Column (3). No incentive is earned on annual MMBTU savings in the sector unless the Company achieves at least this threshold level of performance.

(5) Column (2)\*1000/Column (3). This illustration is for achieved savings equal to the savings target. The incentive earned per MMBtu will vary with the percent of the savings target achieved

The shareholder incentive will be calculated as follow, where SB is the Spending Budget in the sector:

• From 75% of savings to 100% of savings: Shareholder Incentive = SB x (0.15 x % of savings achieved - 0.10)

• From 100% of savings to 125% of savings: Shareholder Incentive = SB x (0.05 x % of savings achieved)