

March 18, 2016

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: Docket 4590 - National Grid's Proposed FY 2017 Gas Infrastructure, Safety,  
and Reliability Plan  
Revised Section 4: Attachments 1 and 2**

Dear Ms. Massaro:

On behalf of National Grid<sup>1</sup>, relating to the above-referenced docket, I have enclosed ten (10) copies of a compliance filing that includes a compliance version of Section 4, Attachments 1 and 2. The Company is submitting this compliance filing to reflect the amount to be recovered through the April 1, 2016 ISR Factors of \$25,586,451 as approved by the PUC at its February 25, 2016 Open Meeting. This amount reflects the originally proposed Fiscal Year (FY) 2017 revenue requirement on cumulative ISR capital investment through March 2017 plus the revenue requirement impact of \$1.9 million associated with the FY 2015 net operating loss.

For the average residential customer using 846 therms annually, implementation of the compliance ISR factors will result in an annual bill increase of \$29.37, or 2.6%, which is slightly higher as compared to the proposed bill increase of \$23.59, or 2.1%, presented in the Company's initial ISR Plan filing submitted on November 24, 2015.

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

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4590 Service List  
Steve Scialabba  
Leo Wold, Esq.

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

Certificate of Service

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

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Joanne M. Scanlon

March 18, 2016  
Date

**Docket No. 4590 - National Grid's FY 2017 Gas Infrastructure, Safety and Reliability (ISR) Plan - Service List 11/27/15**

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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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Line No.

	FY 2017 Revenue Requirement (a)	Rate Class (b)	Rate Base Allocator (%) (c)	Allocation to Rate Class (\$) (d)	Throughput (dth) (e)	CapEx Factor (therm) (f)	O&M Allocation (therm) (g)	Total ISR Factor (therm) (h)	Uncollectible % (i)	ISR Factor (therm) (j)
1	\$23,085,294									
2	\$1,930,157									
3	\$25,015,451									
4	\$571,000									
5		Res-NH	3.73%	\$933,329	680,857	\$0.1370	\$0.0014	\$0.1384	3.18%	\$0.1429
6		Res-H	61.56%	\$15,399,048	18,618,817	\$0.0827	\$0.0014	\$0.0841	3.18%	\$0.0868
7		Small	8.19%	\$2,048,021	2,744,538	\$0.0746	\$0.0014	\$0.0760	3.18%	\$0.0784
8		Medium	13.58%	\$3,397,931	6,208,427	\$0.0547	\$0.0014	\$0.0561	3.18%	\$0.0579
9		Large LL	6.04%	\$1,510,178	2,976,064	\$0.0507	\$0.0014	\$0.0521	3.18%	\$0.0538
10		Large HL	2.35%	\$588,946	1,217,231	\$0.0483	\$0.0014	\$0.0497	3.18%	\$0.0513
11		XL-LL	0.77%	\$192,351	1,289,288	\$0.0149	\$0.0014	\$0.0163	3.18%	\$0.0168
12		XL-HL	3.78%	\$945,647	6,070,062	\$0.0155	\$0.0014	\$0.0169	3.18%	\$0.0174
13		Total	100.00%	\$25,015,451	39,805,284					

- (a) Line 1: Approved Capital Revenue Requirement & Forecasted Annual Property Tax Recovery Mechanism (Section 3, Attachment 1, Page 1, Line 8 + Line 9 filed November 24, 2015)
- (a) Line 2: Revenue requirement due to NOL (Attachment COMM-1-1, Page 1, Line 7, Column (f))
- (a) Line 3: Line 1 + Line 2
- (a) Line 4: Approved O&M (Section 3, Attachment 1, Page 1, Line 1 filed November 24, 2015)
- (c) Docket 4323, RI 2012 Rate Case
- (d) Column (a) Line 3 \* Column (c)
- (e) Page 2, Column (m), Line 9
- (f) Column (d) / (Column (e)\*10), truncated to 4 decimal places
- (g) Column (a) Line 4 / (Column (e) Line 13 \* 10)
- (h) Column (f) + Column (g)
- (i) Docket 4323, RI 2012 Rate Case
- (j) Column (h) / (1- Column (i)), truncated to 4 decimal places

**Forecasted Throughput April 2016 - March 2017**

Line No.	Apr-16 (a)	May-16 (b)	Jun-16 (c)	Jul-16 (d)	Aug-16 (e)	Sep-16 (f)	Oct-16 (g)	Nov-16 (h)	Dec-16 (i)	Jan-17 (j)	Feb-17 (k)	Mar-17 (l)	Total (m)
1	Res-NH	87,291	46,799	31,200	24,471	22,307	28,799	47,133	70,003	85,641	105,392	107,599	680,857
2	Res-H	2,124,881	1,241,085	751,389	425,245	352,061	561,110	1,498,992	2,397,176	2,958,981	3,134,868	2,770,354	18,618,817
3	Small	284,086	183,207	98,723	59,708	48,939	71,448	162,701	432,914	499,494	449,249	408,248	2,744,538
4	Medium	646,050	395,507	243,192	202,482	178,069	246,393	433,330	745,366	960,916	1,052,200	924,798	6,208,427
5	Large LL	277,780	177,316	90,375	57,303	47,629	133,210	254,753	460,575	531,859	465,202	417,244	2,976,064
6	Large HL	106,329	87,434	81,426	76,676	77,128	82,377	92,588	122,454	142,977	142,821	130,735	1,217,231
7	X-Large LL	109,943	77,210	40,969	28,653	20,455	88,741	129,903	201,866	227,069	178,581	160,100	1,289,288
8	X-Large HL	465,429	426,966	412,940	410,885	456,167	505,396	545,911	605,333	653,980	569,555	543,778	6,070,062
9		4,101,788	2,635,524	1,750,213	1,285,422	1,199,637	1,717,475	3,165,312	5,035,687	6,060,918	6,097,869	5,462,856	39,805,284

Source: Company forecast

**National Grid - RI Gas  
Infrastructure, Safety, and Reliability (ISR) Compliance Filing  
Bill Impact Analysis with Various Levels of Consumption:**

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(1)															
(2)															
(3)															
(4)															
(5)	550	\$821.06	\$801.97	\$19.08	2.4%	\$0.00	\$0.00	\$0.00	\$18.51	\$0.00	\$0.00	\$0.57			
(6)	608	\$889.29	\$868.16	\$21.13	2.4%	\$0.00	\$0.00	\$0.00	\$20.50	\$0.00	\$0.00	\$0.63			
(7)	667	\$958.54	\$935.35	\$23.19	2.5%	\$0.00	\$0.00	\$0.00	\$22.49	\$0.00	\$0.00	\$0.70			
(8)	727	\$1,027.99	\$1,002.74	\$25.26	2.5%	\$0.00	\$0.00	\$0.00	\$24.50	\$0.00	\$0.00	\$0.76			
(9)	788	\$1,095.45	\$1,068.07	\$27.38	2.6%	\$0.00	\$0.00	\$0.00	\$26.56	\$0.00	\$0.00	\$0.82			
(10)	846	\$1,158.32	\$1,128.95	\$29.37	2.6%	\$0.00	\$0.00	\$0.00	\$28.49	\$0.00	\$0.00	\$0.88			
(11)	904	\$1,221.29	\$1,189.87	\$31.42	2.6%	\$0.00	\$0.00	\$0.00	\$30.48	\$0.00	\$0.00	\$0.94			
(12)	966	\$1,288.42	\$1,254.88	\$33.55	2.7%	\$0.00	\$0.00	\$0.00	\$32.54	\$0.00	\$0.00	\$1.01			
(13)	1,023	\$1,350.02	\$1,314.49	\$35.54	2.7%	\$0.00	\$0.00	\$0.00	\$34.47	\$0.00	\$0.00	\$1.07			
(14)	1,081	\$1,411.87	\$1,374.31	\$37.56	2.7%	\$0.00	\$0.00	\$0.00	\$36.43	\$0.00	\$0.00	\$1.13			
(15)	1,145	\$1,479.17	\$1,439.39	\$39.78	2.8%	\$0.00	\$0.00	\$0.00	\$38.59	\$0.00	\$0.00	\$1.19			

**Residential Heating Low Income:**

Line No.	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(16)															
(17)															
(18)															
(19)															
(20)	550	\$778.56	\$759.48	\$19.08	2.5%	\$0.00	\$0.00	\$0.00	\$18.51	\$0.00	\$0.00	\$0.57			
(21)	608	\$844.06	\$822.92	\$21.13	2.6%	\$0.00	\$0.00	\$0.00	\$20.50	\$0.00	\$0.00	\$0.63			
(22)	667	\$910.53	\$887.35	\$23.19	2.6%	\$0.00	\$0.00	\$0.00	\$22.49	\$0.00	\$0.00	\$0.70			
(23)	727	\$977.27	\$952.01	\$25.26	2.7%	\$0.00	\$0.00	\$0.00	\$24.50	\$0.00	\$0.00	\$0.76			
(24)	788	\$1,042.27	\$1,014.89	\$27.38	2.7%	\$0.00	\$0.00	\$0.00	\$26.56	\$0.00	\$0.00	\$0.82			
(25)	846	\$1,102.92	\$1,073.55	\$29.37	2.7%	\$0.00	\$0.00	\$0.00	\$28.49	\$0.00	\$0.00	\$0.88			
(26)	904	\$1,163.69	\$1,132.27	\$31.42	2.8%	\$0.00	\$0.00	\$0.00	\$30.48	\$0.00	\$0.00	\$0.94			
(27)	966	\$1,228.47	\$1,194.92	\$33.55	2.8%	\$0.00	\$0.00	\$0.00	\$32.54	\$0.00	\$0.00	\$1.01			
(28)	1,023	\$1,287.92	\$1,252.39	\$35.54	2.8%	\$0.00	\$0.00	\$0.00	\$34.47	\$0.00	\$0.00	\$1.07			
(29)	1,081	\$1,347.66	\$1,310.11	\$37.56	2.9%	\$0.00	\$0.00	\$0.00	\$36.43	\$0.00	\$0.00	\$1.13			
(30)	1,145	\$1,412.74	\$1,372.95	\$39.78	2.9%	\$0.00	\$0.00	\$0.00	\$38.59	\$0.00	\$0.00	\$1.19			

Note: Bill impacts are based on rates approved and currently in effect as of January 1, 2016.

**National Grid - RI Gas  
Infrastructure, Safety, and Reliability (ISR) Compliance Filing  
Bill Impact Analysis with Various Levels of Consumption:**

Line  
No.

**Residential Non-Heating:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:										
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET				
(31)																
(32)																
(33)																
(34)																
(35)	140	\$338.07	\$328.83	\$9.24	2.8%	\$0.00	\$0.00	\$0.00	\$8.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.28	
(36)	155	\$356.05	\$345.85	\$10.21	3.0%	\$0.00	\$0.00	\$0.00	\$9.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.31	
(37)	171	\$375.31	\$364.05	\$11.26	3.1%	\$0.00	\$0.00	\$0.00	\$10.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.34	
(38)	184	\$390.89	\$378.78	\$12.11	3.2%	\$0.00	\$0.00	\$0.00	\$11.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.36	
(39)	198	\$407.70	\$394.69	\$13.01	3.3%	\$0.00	\$0.00	\$0.00	\$12.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.39	
(40)	214	\$426.53	\$412.48	\$14.05	3.4%	\$0.00	\$0.00	\$0.00	\$13.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.42	
(41)	228	\$443.75	\$428.75	\$15.00	3.5%	\$0.00	\$0.00	\$0.00	\$14.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.45	
(42)	244	\$462.97	\$446.91	\$16.06	3.6%	\$0.00	\$0.00	\$0.00	\$15.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	
(43)	258	\$479.81	\$462.85	\$16.96	3.7%	\$0.00	\$0.00	\$0.00	\$16.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.51	
(44)	275	\$500.22	\$482.15	\$18.07	3.7%	\$0.00	\$0.00	\$0.00	\$17.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.54	
(45)	288	\$515.84	\$496.89	\$18.95	3.8%	\$0.00	\$0.00	\$0.00	\$18.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	

**Residential Non-Heating Low Income:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:										
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET				
(46)																
(47)																
(48)																
(49)																
(50)	140	\$315.65	\$306.41	\$9.24	3.0%	\$0.00	\$0.00	\$0.00	\$8.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.28	
(51)	155	\$332.96	\$322.75	\$10.21	3.2%	\$0.00	\$0.00	\$0.00	\$9.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.31	
(52)	171	\$351.49	\$340.23	\$11.26	3.3%	\$0.00	\$0.00	\$0.00	\$10.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.34	
(53)	184	\$366.48	\$354.37	\$12.11	3.4%	\$0.00	\$0.00	\$0.00	\$11.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.36	
(54)	198	\$382.66	\$369.65	\$13.01	3.5%	\$0.00	\$0.00	\$0.00	\$12.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.39	
(55)	214	\$400.78	\$386.73	\$14.05	3.6%	\$0.00	\$0.00	\$0.00	\$13.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.42	
(56)	228	\$417.35	\$402.35	\$15.00	3.7%	\$0.00	\$0.00	\$0.00	\$14.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.45	
(57)	244	\$435.84	\$419.78	\$16.06	3.8%	\$0.00	\$0.00	\$0.00	\$15.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	
(58)	258	\$452.05	\$435.10	\$16.96	3.9%	\$0.00	\$0.00	\$0.00	\$16.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.51	
(59)	275	\$471.69	\$453.62	\$18.07	4.0%	\$0.00	\$0.00	\$0.00	\$17.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.54	
(60)	288	\$486.73	\$467.78	\$18.95	4.1%	\$0.00	\$0.00	\$0.00	\$18.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	

Note: Bill impacts are based on rates approved and currently in effect as of January 1, 2016.

**National Grid - RI Gas  
Infrastructure, Safety, and Reliability (ISR) Compliance Filing  
Bill Impact Analysis with Various Levels of Consumption:**

Line  
No.

**C & I Small:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:								
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET		
(61)														
(62)														
(63)														
(64)														
(65)	880	\$1,315.61	\$1,291.88	\$23.73	1.8%	\$0.00	\$0.00	\$23.02	\$0.00	\$0.00	\$0.00	\$0.71		
(66)	973	\$1,411.16	\$1,384.87	\$26.29	1.9%	\$0.00	\$0.00	\$25.50	\$0.00	\$0.00	\$0.00	\$0.79		
(67)	1,067	\$1,506.92	\$1,478.06	\$28.86	2.0%	\$0.00	\$0.00	\$27.99	\$0.00	\$0.00	\$0.00	\$0.87		
(68)	1,162	\$1,601.28	\$1,569.90	\$31.38	2.0%	\$0.00	\$0.00	\$30.44	\$0.00	\$0.00	\$0.00	\$0.94		
(69)	1,258	\$1,690.92	\$1,656.95	\$33.97	2.1%	\$0.00	\$0.00	\$32.95	\$0.00	\$0.00	\$0.00	\$1.02		
(70)	1,352	\$1,777.63	\$1,741.12	\$36.52	2.1%	\$0.00	\$0.00	\$35.42	\$0.00	\$0.00	\$0.00	\$1.10		
(71)	1,446	\$1,865.08	\$1,826.03	\$39.05	2.1%	\$0.00	\$0.00	\$37.88	\$0.00	\$0.00	\$0.00	\$1.17		
(72)	1,542	\$1,953.72	\$1,912.09	\$41.63	2.2%	\$0.00	\$0.00	\$40.38	\$0.00	\$0.00	\$0.00	\$1.25		
(73)	1,635	\$2,039.71	\$1,995.56	\$44.14	2.2%	\$0.00	\$0.00	\$42.82	\$0.00	\$0.00	\$0.00	\$1.32		
(74)	1,730	\$2,126.53	\$2,079.80	\$46.72	2.2%	\$0.00	\$0.00	\$45.32	\$0.00	\$0.00	\$0.00	\$1.40		
(75)	1,825	\$2,213.34	\$2,164.03	\$49.31	2.3%	\$0.00	\$0.00	\$47.83	\$0.00	\$0.00	\$0.00	\$1.48		

**C & I Medium:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:								
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET		
(76)														
(77)														
(78)														
(79)														
(80)	7,941	\$8,214.76	\$8,088.70	\$126.06	1.6%	\$0.00	\$0.00	\$122.28	\$0.00	\$0.00	\$0.00	\$3.78		
(81)	8,796	\$9,005.42	\$8,865.77	\$139.65	1.6%	\$0.00	\$0.00	\$135.46	\$0.00	\$0.00	\$0.00	\$4.19		
(82)	9,650	\$9,794.59	\$9,641.40	\$153.19	1.6%	\$0.00	\$0.00	\$148.59	\$0.00	\$0.00	\$0.00	\$4.60		
(83)	10,505	\$10,585.28	\$10,418.51	\$166.77	1.6%	\$0.00	\$0.00	\$161.77	\$0.00	\$0.00	\$0.00	\$5.00		
(84)	11,361	\$11,376.15	\$11,195.81	\$180.34	1.6%	\$0.00	\$0.00	\$174.93	\$0.00	\$0.00	\$0.00	\$5.41		
(85)	12,217	\$12,167.30	\$11,973.36	\$193.95	1.6%	\$0.00	\$0.00	\$188.13	\$0.00	\$0.00	\$0.00	\$5.82		
(86)	13,073	\$12,958.46	\$12,750.92	\$207.55	1.6%	\$0.00	\$0.00	\$201.32	\$0.00	\$0.00	\$0.00	\$6.23		
(87)	13,928	\$13,748.54	\$13,527.44	\$221.10	1.6%	\$0.00	\$0.00	\$214.47	\$0.00	\$0.00	\$0.00	\$6.63		
(88)	14,782	\$14,538.35	\$14,303.69	\$234.66	1.6%	\$0.00	\$0.00	\$227.62	\$0.00	\$0.00	\$0.00	\$7.04		
(89)	15,637	\$15,328.40	\$15,080.17	\$248.23	1.6%	\$0.00	\$0.00	\$240.78	\$0.00	\$0.00	\$0.00	\$7.45		
(90)	16,492	\$16,119.06	\$15,857.27	\$261.79	1.7%	\$0.00	\$0.00	\$253.94	\$0.00	\$0.00	\$0.00	\$7.85		

Note: Bill impacts are based on rates approved and currently in effect as of January 1, 2016.

**National Grid - RI Gas  
Infrastructure, Safety, and Reliability (ISR) Compliance Filing  
Bill Impact Analysis with Various Levels of Consumption:**

Line  
No.

**C & ILLF Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(91)															
(92)															
(93)															
(94)															
(95)	41,066	\$41,712.70	\$40,853.28	\$859.42	2.1%	\$0.00	\$0.00	\$833.64	\$0.00	\$0.00	\$0.00	\$25.78			
(96)	45,488	\$45,970.21	\$45,018.23	\$951.98	2.1%	\$0.00	\$0.00	\$923.42	\$0.00	\$0.00	\$0.00	\$28.56			
(97)	49,910	\$50,227.75	\$49,183.29	\$1,044.46	2.1%	\$0.00	\$0.00	\$1,013.13	\$0.00	\$0.00	\$0.00	\$31.33			
(98)	54,334	\$54,487.02	\$53,349.93	\$1,137.09	2.1%	\$0.00	\$0.00	\$1,102.98	\$0.00	\$0.00	\$0.00	\$34.11			
(99)	58,757	\$58,745.41	\$57,515.77	\$1,229.64	2.1%	\$0.00	\$0.00	\$1,192.75	\$0.00	\$0.00	\$0.00	\$36.89			
(100)	63,179	\$63,003.13	\$61,680.94	\$1,322.19	2.1%	\$0.00	\$0.00	\$1,282.52	\$0.00	\$0.00	\$0.00	\$39.67			
(101)	67,600	\$67,259.68	\$65,844.97	\$1,414.70	2.1%	\$0.00	\$0.00	\$1,372.26	\$0.00	\$0.00	\$0.00	\$42.44			
(102)	72,023	\$71,518.10	\$70,010.82	\$1,507.28	2.2%	\$0.00	\$0.00	\$1,462.06	\$0.00	\$0.00	\$0.00	\$45.22			
(103)	76,447	\$75,777.93	\$74,178.05	\$1,599.88	2.2%	\$0.00	\$0.00	\$1,551.88	\$0.00	\$0.00	\$0.00	\$48.00			
(104)	80,870	\$80,036.34	\$78,343.90	\$1,692.44	2.2%	\$0.00	\$0.00	\$1,641.67	\$0.00	\$0.00	\$0.00	\$50.77			
(105)	85,292	\$84,293.89	\$82,508.91	\$1,784.98	2.2%	\$0.00	\$0.00	\$1,731.43	\$0.00	\$0.00	\$0.00	\$53.55			

**C & IHLF Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(106)															
(107)															
(108)															
(109)															
(110)	50,411	\$44,790.59	\$43,834.33	\$956.26	2.2%	\$0.00	\$0.00	\$927.57	\$0.00	\$0.00	\$0.00	\$28.69			
(111)	55,841	\$49,381.02	\$48,321.76	\$1,059.26	2.2%	\$0.00	\$0.00	\$1,027.48	\$0.00	\$0.00	\$0.00	\$31.78			
(112)	61,273	\$53,972.92	\$52,810.62	\$1,162.30	2.2%	\$0.00	\$0.00	\$1,127.43	\$0.00	\$0.00	\$0.00	\$34.87			
(113)	66,699	\$58,560.34	\$57,295.11	\$1,265.23	2.2%	\$0.00	\$0.00	\$1,227.27	\$0.00	\$0.00	\$0.00	\$37.96			
(114)	72,129	\$63,150.75	\$61,782.50	\$1,368.25	2.2%	\$0.00	\$0.00	\$1,327.20	\$0.00	\$0.00	\$0.00	\$41.05			
(115)	77,558	\$67,740.36	\$66,269.15	\$1,471.21	2.2%	\$0.00	\$0.00	\$1,427.08	\$0.00	\$0.00	\$0.00	\$44.14			
(116)	82,989	\$72,330.80	\$70,756.56	\$1,574.24	2.2%	\$0.00	\$0.00	\$1,527.01	\$0.00	\$0.00	\$0.00	\$47.23			
(117)	88,416	\$76,918.92	\$75,241.78	\$1,677.14	2.2%	\$0.00	\$0.00	\$1,626.83	\$0.00	\$0.00	\$0.00	\$50.31			
(118)	93,847	\$81,510.11	\$79,729.93	\$1,780.19	2.2%	\$0.00	\$0.00	\$1,726.78	\$0.00	\$0.00	\$0.00	\$53.41			
(119)	99,275	\$86,099.02	\$84,215.86	\$1,883.15	2.2%	\$0.00	\$0.00	\$1,826.66	\$0.00	\$0.00	\$0.00	\$56.49			
(120)	104,705	\$90,689.44	\$88,703.24	\$1,986.21	2.2%	\$0.00	\$0.00	\$1,926.62	\$0.00	\$0.00	\$0.00	\$59.59			

Note: Bill impacts are based on rates approved and currently in effect as of January 1, 2016.



**National Grid - RI Gas  
Infrastructure, Safety, and Reliability (ISR) Compliance Filing  
Bill Impact Analysis with Various Levels of Consumption:**

Line  
No.

**C & ILLF Extra-Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(121)															
(122)															
(123)															
(124)															
(125)	174,357	\$138,618.65	\$137,935.63	\$683.02	0.5%	\$0.00	\$0.00	\$662.53	\$0.00	\$0.00	\$0.00	\$20.49			
(126)	193,136	\$152,980.87	\$152,224.26	\$756.61	0.5%	\$0.00	\$0.00	\$733.91	\$0.00	\$0.00	\$0.00	\$22.70			
(127)	211,912	\$167,341.03	\$166,510.87	\$830.15	0.5%	\$0.00	\$0.00	\$805.25	\$0.00	\$0.00	\$0.00	\$24.90			
(128)	230,688	\$181,701.82	\$180,798.11	\$903.71	0.5%	\$0.00	\$0.00	\$876.60	\$0.00	\$0.00	\$0.00	\$27.11			
(129)	249,466	\$196,063.38	\$195,086.10	\$977.28	0.5%	\$0.00	\$0.00	\$947.96	\$0.00	\$0.00	\$0.00	\$29.32			
(130)	268,243	\$210,424.13	\$209,373.28	\$1,050.85	0.5%	\$0.00	\$0.00	\$1,019.32	\$0.00	\$0.00	\$0.00	\$31.53			
(131)	287,018	\$224,783.78	\$223,659.38	\$1,124.40	0.5%	\$0.00	\$0.00	\$1,090.67	\$0.00	\$0.00	\$0.00	\$33.73			
(132)	305,796	\$239,145.94	\$237,948.00	\$1,197.95	0.5%	\$0.00	\$0.00	\$1,162.01	\$0.00	\$0.00	\$0.00	\$35.94			
(133)	324,573	\$253,506.77	\$252,235.28	\$1,271.49	0.5%	\$0.00	\$0.00	\$1,233.35	\$0.00	\$0.00	\$0.00	\$38.14			
(134)	343,350	\$267,867.62	\$266,522.52	\$1,345.09	0.5%	\$0.00	\$0.00	\$1,304.74	\$0.00	\$0.00	\$0.00	\$40.35			
(135)	362,127	\$282,228.56	\$280,809.91	\$1,418.65	0.5%	\$0.00	\$0.00	\$1,376.09	\$0.00	\$0.00	\$0.00	\$42.56			

**C & IHLF Extra-Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:									
						GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET			
(136)															
(137)															
(138)															
(139)															
(140)	447,421	\$324,012.29	\$321,890.48	\$2,121.80	0.7%	\$0.00	\$0.00	\$2,058.15	\$0.00	\$0.00	\$0.00	\$63.65			
(141)	495,605	\$358,338.53	\$355,988.23	\$2,350.30	0.7%	\$0.00	\$0.00	\$2,279.79	\$0.00	\$0.00	\$0.00	\$70.51			
(142)	543,789	\$392,665.64	\$390,086.84	\$2,578.80	0.7%	\$0.00	\$0.00	\$2,501.44	\$0.00	\$0.00	\$0.00	\$77.36			
(143)	591,972	\$426,991.18	\$424,183.90	\$2,807.28	0.7%	\$0.00	\$0.00	\$2,723.06	\$0.00	\$0.00	\$0.00	\$84.22			
(144)	640,155	\$461,316.83	\$458,281.05	\$3,035.78	0.7%	\$0.00	\$0.00	\$2,944.71	\$0.00	\$0.00	\$0.00	\$91.07			
(145)	688,340	\$495,644.23	\$492,379.93	\$3,264.30	0.7%	\$0.00	\$0.00	\$3,166.37	\$0.00	\$0.00	\$0.00	\$97.93			
(146)	736,523	\$529,970.14	\$526,477.34	\$3,492.79	0.7%	\$0.00	\$0.00	\$3,388.01	\$0.00	\$0.00	\$0.00	\$104.78			
(147)	784,708	\$564,297.06	\$560,575.76	\$3,721.30	0.7%	\$0.00	\$0.00	\$3,609.66	\$0.00	\$0.00	\$0.00	\$111.64			
(148)	832,891	\$598,623.43	\$594,673.65	\$3,949.78	0.7%	\$0.00	\$0.00	\$3,831.29	\$0.00	\$0.00	\$0.00	\$118.49			
(149)	881,074	\$632,949.13	\$628,770.83	\$4,178.30	0.7%	\$0.00	\$0.00	\$4,052.95	\$0.00	\$0.00	\$0.00	\$125.35			
(150)	929,259	\$667,276.75	\$662,869.98	\$4,406.77	0.7%	\$0.00	\$0.00	\$4,274.57	\$0.00	\$0.00	\$0.00	\$132.20			

Note: Bill impacts are based on rates approved and currently in effect as of January 1, 2016.