

September 28, 2020

**BY HAND DELIVERY AND ELECTRONIC MAIL**

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

**RE: Docket 5040 – 2020 Distribution Adjustment Charge Filing  
Revised Supplemental Filing**

Dear Ms. Massaro:

In connection with the above-reference docket, I have enclosed National Grid's<sup>1</sup> Revised Supplemental Distribution Adjustment ("DAC") filing. The Company filed its original DAC filing with the Rhode Island Public Utilities Commission ("PUC") on August 3, 2020 in accordance with the provisions of the DAC Clause of National Grid's gas tariff, RIPUC NG-GAS No. 101, Section 3, Schedule A. The Company filed its Supplemental DAC filing with the PUC on September 1, 2020. The Company is submitting this Revised Supplemental DAC filing based on recommendations from the Division in the memorandum of Jerry Mierzwa and Lafayette Morgan, Jr. of Exeter Associates dated September 23, 2020 in this docket. In this Revised Supplemental DAC, the Company proposes an adjustment to the proposed supplemental DAC factors filed on September 1, 2020 and provides updates to the following DAC components:

**1. Allocation of Fixed Costs Related to Hourly Peaking Assets to the System Pressure Factor**

As an outcome of a recommendation from the Division in the 2019/20 GCR (Docket No. 4963), the Company proposed in its 2020/21 GCR and DAC filings to allocate the fixed costs of assets used to specifically meet the hourly requirements of the distribution system to all customers. The Company's supplemental filings on September 1, 2020 included the reallocation of costs associated with several supply and transportation contracts from the Gas Cost Recovery ("GCR") factor to the DAC System Pressure factor. In subsequent discussions with the Division, and as summarized in the Division's memorandum submitted in this docket on September 23, 2020, the Company has agreed to include the fixed costs of an additional proposed supply contract and transportation contract in the DAC System Pressure factor. The proposed reallocation is due to the fact that the incremental supply and transportation capacity will support the peak hour needs of the Company's distribution system.

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

As reflected in Schedule RMS/MJP-2S Revised, the revised total fixed cost amount to be reallocated from the Company's GCR to the DAC is \$8.5 million, resulting in a revised System Pressure Factor of \$0.0215 per therm.

**2. Update to the FY2020 Penalties included in the Service Quality Performance Factor**

As described in the Company's Supplemental DAC Filing filed September 1, 2020, on July 17, 2020, the Company filed a request with the PUC for relief from its first quarter penalty due to issues related to the Gas Business Enablement rollout, and partial relief from its second quarter penalty as a result of an exogenous and/or force majeure event in Docket No. 3476. In the Company's Supplemental DAC Filing, the Company did not include these penalties in its calculation of the proposed Service Quality Performance factor and indicated that it planned on providing an update to its request for relief in next year's DAC filing to be filed on or around August 1, 2021. However, since the time of the Company's Supplemental DAC Filing, the Company and Division have engaged in discussions regarding the penalties for which the Company is seeking relief. As explained in the Division's memorandum to the PUC dated September 23, 2020, the Division and the Company have resolved in principle the penalties for which the Company has sought relief. Based on the aforementioned resolution with the Division, which is subject to PUC approval, the Company included a partial amount of its second quarter penalty related to Leak Call Response (After Business Hours). In the event that the PUC further adjusts the penalties for which the Company seeks relief through Docket No. 3476, the Company will reflect such adjustments in next year's DAC filing to be filed on or around August 1, 2021.

As seen in Schedule RMS/MJP-9 Revised, the Company is including an additional \$120,471.99 in total penalties for its second quarter Leak Call Response (After Business Hours) penalty. This additional penalty results in a total penalty amount to be credited back to customers of \$287,854.97, and a Service Quality Penalty credit factor of \$0.0007.

**3. Low Income Discount Recovery Factor ("LIDRF")**

As explained in the Company's Supplemental DAC Filing filed on September 1, 2020, the LIDRF is determined annually based upon the estimated annual amount of low income discounts applied to eligible customers' bills receiving service on Rates 11 and 13. The Company has updated the estimated annual discount amount based on the revised GCR factors proposed in the Company's Revised GCR Filing filed on September 28, 2020 in Docket No. 5066, and the revised supplemental DAC factors proposed in this filing.

As seen in Schedule RMS/MJP-13 Revised, the Company is proposing a revised LIDRF of \$0.0161 per therm, which is calculated dividing the revised estimated discount provided to customers on Rates 11 and 13 by the forecasted throughput of 380,543,100 therms for the 12 months beginning November 1, 2020.

**4. Revised Bill Impact Analysis**

Schedule RMS/MJP-15 Revised sets forth the annual impact of the changes in the DAC Factors proposed in this filing on customers' bills at various levels of consumption for the Company's rate classes. For an average Residential Heating customer utilizing 845 therms annually, the impact of the proposed revised residential DAC Factor results in an annual increase of \$59.24 (an increase of \$57.46 in the revised DAC factor itself and \$1.78 in Gross Earnings Tax), or 4.6 percent.

Thank you for your attention to this matter. If you have any questions, please contact me at 781-907-2121.

Very truly yours,



Raquel J. Webster

Enclosures

cc: Docket 5040 Service List  
Leo Wold, Esq.  
Al Mancini, Division  
John Bell, Division  
Jerome D. Mierzwa, Division Consultant

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.



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Joanne M. Scanlon

September 28, 2020  
Date

**Docket No. 5040 – National Grid –2020 Annual Distribution Adjustment  
Charge Filing (DAC) - Service List as of 9/9/2020**

<b>Name/Address</b>	<b>E-mail</b>	<b>Phone</b>
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<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Margaret Hogan, Commission Counsel 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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**THE NARRAGANSETT ELECTRIC COMPANY**  
**d/b/a NATIONAL GRID**  
**RIPUC DOCKET NO. 5040**  
**REVISED SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING**  
**WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

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Schedules of Ryan M. Scheib and Michael J. Pini

Schedule RMS/MJP-1S Revised	Summary of DAC Factors
Schedule RMS/MJP-2S Revised	System Pressure Factor
Schedule RMS/MJP-9 Revised	Service Quality Factor
Schedule RMS/MJP-13 Revised	Low Income Discount Recovery Factor
Schedule RMS/MJP-15 Revised	Bill Impact Analysis

**THE NARRAGANSETT ELECTRIC COMPANY  
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Schedule RMS/MJP-1S Revised  
Summary of DAC Factors

**National Grid - RI Gas  
Summary of DAC Factors  
Effective November 1, 2020**

**Section 1: DAC factor (not including annual ISR component) November 1, 2020 - October 31, 2021**

Description	Reference	Amount	Factor		
			Residential/ Small/ Medium C&I	Large/ X-Large	Residential Low Income
			(a)	(b)	(c)
(1) System Pressure (SP)	RMS/MJP-2S Revised	\$8,549,925	\$0.0215	\$0.0215	\$0.0215
(2) Advanced Gas Technology Program (AGT)	RMS/MJP-3	\$0	\$0.0000	\$0.0000	\$0.0000
(3) Environmental Response Cost Factor (ERCF)	RMS/MJP-4	\$961,315	\$0.0024	\$0.0024	\$0.0024
(4) Pension Adjustment Factor (PAF)	RMS/MJP-5	\$924,808	\$0.0022	\$0.0022	\$0.0022
(5) Arrearage Management Adjustment Factor (AMAF)	RMS/MJP-6	\$600,436	\$0.0015	\$0.0015	\$0.0015
(6) Service Quality Factor (SQP)	RMS/MJP-9 Revised	(\$287,855)	(\$0.0007)	(\$0.0007)	(\$0.0007)
(7) Reconciliation Factor (R)	RMS/MJP-10S	(\$38,361)	\$0.0005	(\$0.0018)	\$0.0005
(8) Earnings Sharing Mechanism (ESM)	RMS/MJP-12	(\$461,331)	(\$0.0011)	(\$0.0011)	(\$0.0011)
(9) Low Income Discount Recovery Factor (LIDRF)	RMS/MJP-13 Revised	\$6,144,997	\$0.0161	\$0.0161	n/a
(10) Storm Net Revenue Factor	RMS/MJP-14	(\$13,302)	\$0.0000	\$0.0000	\$0.0000
(11) Subtotal	Sum [(1):(10)]	\$16,380,632	\$0.0424	\$0.0401	\$0.0263
(12) Uncollectible Percentage	Dkt 4770	1.91%	1.91%	1.91%	1.91%
(13) DAC factors grossed up for uncollectible	(11) ÷ [1-(12)]	\$16,699,593	\$0.0432	\$0.0409	\$0.0268
(14) Revenue Decoupling Adjustment (RDA)	RMS/MJP-7	\$2,009,962	\$0.0069	\$0.0000	\$0.0069
(15) Revenue Decoupling Adjustment Reconciliation	RMS/MJP-10S	(\$994,958)	(\$0.0034)	\$0.0000	(\$0.0034)
(16) DAC factor	(13)+(14)+(15)	\$17,714,598	\$0.0467	\$0.0409	\$0.0303

**Section 2: DAC factors including annual ISR component**

	ISR Reconciliation w/o uncollectible (therms) (a)	Uncollectible Percentage (b)	ISR Reconciliation* (therms) (c) = (a) x [1+(b)]	Base DAC Component* (therms) (d)	DAC Component Subtotal Rates* (therms) (e) = (c) + (d)	ISR Component (therms)* (f)	November 1, 2020 DAC Rates* (therms) (g)
(17) Res-NH	\$0.0004	1.91%	\$0.0004	\$0.0467	\$0.0471	\$0.1663	\$0.2134
(18) Res-NH-LI	\$0.0004	1.91%	\$0.0004	\$0.0303	\$0.0307	\$0.1663	\$0.1970
(19) Res-H	\$0.0007	1.91%	\$0.0007	\$0.0467	\$0.0474	\$0.0742	\$0.1216
(20) Res-H-LI	\$0.0007	1.91%	\$0.0007	\$0.0303	\$0.0310	\$0.0742	\$0.1052
(21) Small	\$0.0016	1.91%	\$0.0016	\$0.0467	\$0.0483	\$0.0718	\$0.1201
(22) Medium	(\$0.0002)	1.91%	(\$0.0002)	\$0.0467	\$0.0465	\$0.0460	\$0.0925
(23) Large LL	(\$0.0015)	1.91%	(\$0.0015)	\$0.0409	\$0.0394	\$0.0440	\$0.0834
(24) Large HL	(\$0.0046)	1.91%	(\$0.0046)	\$0.0409	\$0.0363	\$0.0333	\$0.0696
(25) XL-LL	(\$0.0004)	1.91%	(\$0.0004)	\$0.0409	\$0.0405	\$0.0160	\$0.0565
(26) XL-HL	(\$0.0012)	1.91%	(\$0.0012)	\$0.0409	\$0.0397	\$0.0149	\$0.0546

\*Factors Include Uncollectible Allowance

- (a) RMS/MJP-8S
- (b) Per Docket 4770
- (d) Section 1, Line (16)
- (f) FY21 ISR component per Docket 4996, Revised Section 4, Attachment 1R, Page 1



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Schedule RMS/MJP-2S Revised  
System Pressure Factor

**National Grid - RI Gas  
System Pressure Factor  
Effective November 1, 2020**

(1)	Nov-20	\$21,256
(2)	Dec-20	\$2,094,969
(3)	Jan-21	\$2,094,969
(4)	Feb-21	\$2,094,969
(5)	Mar-21	\$2,094,969
(6)	Apr-21	\$21,256
(7)	May-21	\$21,256
(8)	Jun-21	\$21,256
(9)	Jul-21	\$21,256
(10)	Aug-21	\$21,256
(11)	Sep-21	\$21,256
(12)	Oct-21	<u>\$21,256</u>
(13)	Total	\$8,549,925
(14)	System Balancing Factor	100.00%
(15)	LNG GCR Costs allocated to DAC	\$8,549,924
(16)	Firm Throughput	39,648,231 dths
(17)	System Pressure Factor per dekatherm	\$0.2150 per dth
(18)	System Pressure Factor per therm	\$0.0215 per therm

- (12) Docket 5066, Revised GSP-1, Page 12
- (13) Sum of Lines (1) to (12)
- (15) Line (13) x Line (14)
- (16) Company Forecast
- (17) Line (15) ÷ Line (16)
- (18) Line (17) ÷ 10, truncated to 4 decimal places

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Schedule RMS/MJP-9 Revised  
Service Quality Factor

**National Grid - RI Gas  
Service Quality Performance Factor  
Effective November 1, 2020**

(1)	SQP Penalty Amount - Meter Testing	(\$75,000)
(2)	SQP Penalty Amount - Leak Call Response (Normal Business Hours)	(\$92,383)
(3)	*SQP Penalty Amount - Leak Call Response (After Business Hours)	<u>(\$120,472)</u>
(4)	Total SQP Penalty Amount	(\$287,855)
(5)	Firm Throughput	39,648,231 dths
(6)	SQP Factor per dth	(\$0.0070) per dth
(7)	SQP Factor per therm	(\$0.0007) per therm

\* Partial relief of penalty per Memorandum of Jerry Mierzwa and Lafayette Morgan, Jr. of Exeter Associates dated September 23, 2020.

- (1) Docket 3476, FY2020 Second Quarter Report on Service Quality Plan, filed on March 11, 2020
- (2) Docket 3476, FY2020 Second Quarter Report on Service Quality Plan, filed on March 11, 2020
- (3) Docket 3476, FY2020 Second Quarter Report on Service Quality Plan, filed on March 11, 2020
- (4) Line (1) + Line (2) + Line (3)
- (5) Company Forecast
- (6) Line (4) ÷ Line (5)
- (7) Line (6) ÷ 10, truncated to 4 decimal places

**THE NARRAGANSETT ELECTRIC COMPANY  
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Schedule RMS/MJP-13 Revised  
Low Income Discount Recovery Factor

Narragansett Gas  
Calculation of Low Income Discount Recovery Factor (LIDRF)

(1)	Estimated Discount Provided, Rate Year	\$6,144,997
(2)	Forecasted Therms, Rate Year	<u>380,543,100</u>
(3)	Low Income Discount Recovery Factor	\$0.0161

- (1) Page 2, Col (g), Line (11)
- (2) Company Forecast excluding Rates 11 and 13
- (3) Line (1) ÷ Line (2), truncated to four decimal places

Narragansett Gas  
Calculation of Estimated Gas Low Income Discount

	Rate Year			Rate Year			Total
	Rate 11	Rate 11	Charges	Rate 13	Rate 13	Charges	
	<u>Units</u>	<u>Rate</u>		<u>Units</u>	<u>Rate</u>		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
(1) Customer Charge	5,970	\$14.00	\$83,580	186,413	\$14.00	\$2,609,782	\$2,693,362
(2) LIHEAP Enhancement Surcharge	5,970	\$0.80	\$4,776	186,413	\$0.80	\$149,130	\$153,906
(3) Distribution Charge Peak	112,454	\$0.6145	\$69,103	12,682,063	\$0.5933	\$7,524,268	\$7,593,371
(4) Distribution Charge Off Peak				3,144,689	\$0.5317	\$1,672,031	\$1,672,031
(5) DAC	112,454	\$0.1970	\$22,154	15,826,752	\$0.1052	\$1,664,974	\$1,687,128
(6) Energy Efficiency Program Charge	112,454	\$0.1011	<u>\$11,369</u>	15,826,752	\$0.1011	<u>\$1,600,085</u>	<u>\$1,611,454</u>
(7) Total Delivery Service Charges			\$190,982			\$15,220,270	\$15,411,252
(8) Commodity Charge	112,454	\$0.5093	<u>\$57,273</u>	15,826,752	\$0.5757	<u>\$9,111,461</u>	<u>\$9,168,734</u>
(9) Total			\$248,255			\$24,331,731	\$24,579,986
(10) Low Income Discount Percentage			<u>25%</u>			<u>25%</u>	
(11) Low Income Discount			\$62,064			\$6,082,933	\$6,144,997

Column Descriptions:

Column (a) & (d): Company Forecast

Column (b) & (e), Line (1) & (3): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D

Column (b) & (e), Line (2): Approved LIHEAP surcharge effective January 1, 2020 per Docket 4290

Column (b) & (e), Line (5): Proposed DAC factor effective November 1, 2020 per Docket 5040

Column (b) & (e), Line (6): Approved EE factor effective January 1, 2020 per Docket 4979

Column (b) & (e), Line (8): Proposed GCR factor effective November 1, 2020 per Docket 5066

Column (c), Lines (1)-(6), (8): Col (a) \* Col (b)

Column (f), Lines (1)-(6), (8): Col (d) \* Col (e)

Column (g), Lines (1)-(6), (8): Col (c) + Col (f)

Line (7): Sum of Lines (1):(6)

Line (9): Line (7) + Line (8)

Line (10): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D

Line (11): Line (9) \* Line (10)

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Schedule RMS/MJP-15 Revised  
Bill Impact Analysis



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

**Residential Heating:**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Current Rates	Proposed Rates	Annual Consumption (Therms)	GCR	Difference due to:				LJHEAP	EE	LJHEAP	GET
																			DAC		ISR	EE				
																				Base DAC	ISR	EE	Base DAC	GET		
																			\$0.00	\$37.27	\$0.00	\$0.00	\$0.00	\$1.15		
																			\$0.00	\$41.35	\$0.00	\$0.00	\$0.00	\$1.28		
																			\$0.00	\$45.35	\$0.00	\$0.00	\$0.00	\$1.40		
																			\$0.00	\$49.38	\$0.00	\$0.00	\$0.00	\$1.53		
																			\$0.00	\$53.38	\$0.00	\$0.00	\$0.00	\$1.65		
																			\$0.00	\$57.46	\$0.00	\$0.00	\$0.00	\$1.78		
																			\$0.00	\$61.54	\$0.00	\$0.00	\$0.00	\$1.90		
																			\$0.00	\$65.55	\$0.00	\$0.00	\$0.00	\$2.03		
																			\$0.00	\$69.55	\$0.00	\$0.00	\$0.00	\$2.15		
																			\$0.00	\$73.57	\$0.00	\$0.00	\$0.00	\$2.28		
																			\$0.00	\$77.66	\$0.00	\$0.00	\$0.00	\$2.40		

**Residential Heating Low Income:**

(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	Current Rates	Proposed Rates	Annual Consumption (Therms)	GCR	Difference due to:				LJHEAP	EE	LJHEAP	GET
																			DAC		ISR	EE				
																				Base DAC	ISR	EE	Base DAC	GET		
																			\$0.00	(\$8.99)	\$35.95	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$9.97)	\$39.87	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$10.94)	\$43.74	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$11.91)	\$47.64	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$12.88)	\$51.53	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$13.86)	\$55.43	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$14.85)	\$59.38	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$15.81)	\$63.25	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$16.78)	\$67.11	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$17.75)	\$70.98	\$0.00	\$0.00	\$0.00		
																			\$0.00	(\$18.73)	\$74.92	\$0.00	\$0.00	\$0.00		

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

**Residential Non-Heating:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:								
						GCR	Base DAC	ISR	EE	LIHEAP	GET			
(31)														
(32)														
(33)														
(34)														
(35)	144	\$391.33	\$387.08	\$4.25	1.1%	\$0.00	\$4.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.13	\$0.14
(36)	158	\$411.54	\$406.91	\$4.63	1.1%	\$0.00	\$4.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.15	\$0.17
(37)	172	\$431.83	\$426.77	\$5.06	1.2%	\$0.00	\$4.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.18	\$0.19
(38)	189	\$456.38	\$450.85	\$5.54	1.2%	\$0.00	\$5.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.22
(39)	202	\$475.21	\$469.28	\$5.93	1.3%	\$0.00	\$5.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.25
(40)	220	\$501.21	\$494.73	\$6.47	1.3%	\$0.00	\$6.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.26	\$0.26
(41)	238	\$527.23	\$520.26	\$6.97	1.3%	\$0.00	\$6.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(42)	251	\$546.06	\$538.71	\$7.35	1.4%	\$0.00	\$7.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(43)	268	\$570.61	\$562.72	\$7.90	1.4%	\$0.00	\$7.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(44)	282	\$590.88	\$582.58	\$8.30	1.4%	\$0.00	\$8.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(45)	297	\$612.58	\$603.84	\$8.74	1.4%	\$0.00	\$8.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**Residential Non-Heating Low Income:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:								
						GCR	Base DAC	ISR	EE	LIHEAP	GET			
(46)														
(47)														
(48)														
(49)														
(50)	144	\$291.66	\$288.76	\$2.89	1.0%	\$0.00	(\$0.94)	\$3.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10
(51)	158	\$306.66	\$303.49	\$3.17	1.0%	\$0.00	(\$1.03)	\$4.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10
(52)	172	\$321.68	\$318.22	\$3.46	1.1%	\$0.00	(\$1.12)	\$4.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.11
(53)	189	\$339.91	\$336.09	\$3.82	1.1%	\$0.00	(\$1.24)	\$4.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.12
(54)	202	\$353.85	\$349.77	\$4.08	1.2%	\$0.00	(\$1.32)	\$5.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.13
(55)	220	\$373.13	\$368.68	\$4.45	1.2%	\$0.00	(\$1.44)	\$5.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14
(56)	238	\$392.42	\$387.61	\$4.81	1.2%	\$0.00	(\$1.55)	\$6.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.15
(57)	251	\$406.37	\$401.31	\$5.06	1.3%	\$0.00	(\$1.63)	\$6.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16
(58)	268	\$424.56	\$419.15	\$5.41	1.3%	\$0.00	(\$1.75)	\$7.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.17
(59)	282	\$439.58	\$433.90	\$5.68	1.3%	\$0.00	(\$1.83)	\$7.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.18
(60)	297	\$455.66	\$449.67	\$5.99	1.3%	\$0.00	(\$1.94)	\$7.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.18



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

**C & I LLF Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	DAC			LIHEAP	GET
							Base DAC	ISR	EE		
(91)											
(92)											
(93)											
(94)											
(95)	37,587	\$43,579.18	\$42,408.95	\$1,170.23	2.8%	\$0.00	\$1,135.12	\$0.00	\$0.00	\$0.00	\$35.11
(96)	41,634	\$48,003.52	\$46,707.29	\$1,296.23	2.8%	\$0.00	\$1,257.34	\$0.00	\$0.00	\$0.00	\$38.89
(97)	45,683	\$52,430.46	\$51,008.17	\$1,422.29	2.8%	\$0.00	\$1,379.62	\$0.00	\$0.00	\$0.00	\$42.67
(98)	49,731	\$56,856.49	\$55,308.17	\$1,548.32	2.8%	\$0.00	\$1,501.87	\$0.00	\$0.00	\$0.00	\$46.45
(99)	53,777	\$61,279.90	\$59,605.61	\$1,674.29	2.8%	\$0.00	\$1,624.06	\$0.00	\$0.00	\$0.00	\$50.23
(100)	57,825	\$65,705.88	\$63,905.56	\$1,800.32	2.8%	\$0.00	\$1,746.31	\$0.00	\$0.00	\$0.00	\$54.01
(101)	61,873	\$70,131.87	\$68,205.51	\$1,926.36	2.8%	\$0.00	\$1,868.57	\$0.00	\$0.00	\$0.00	\$57.79
(102)	65,920	\$74,556.22	\$72,503.86	\$2,052.36	2.8%	\$0.00	\$1,990.79	\$0.00	\$0.00	\$0.00	\$61.57
(103)	69,967	\$78,981.27	\$76,802.91	\$2,178.36	2.8%	\$0.00	\$2,113.01	\$0.00	\$0.00	\$0.00	\$65.35
(104)	74,016	\$83,408.22	\$81,103.83	\$2,304.38	2.8%	\$0.00	\$2,235.25	\$0.00	\$0.00	\$0.00	\$69.13
(105)	78,063	\$87,832.59	\$85,402.20	\$2,430.38	2.8%	\$0.00	\$2,357.47	\$0.00	\$0.00	\$0.00	\$72.91

**C & I HLF Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	DAC			LIHEAP	GET
							Base DAC	ISR	EE		
(106)											
(107)											
(108)											
(109)											
(110)	41,956	\$40,449.13	\$38,943.92	\$1,505.21	3.9%	\$0.00	\$1,460.05	\$0.00	\$0.00	\$0.00	\$45.16
(111)	46,471	\$44,534.85	\$42,867.61	\$1,667.24	3.9%	\$0.00	\$1,617.22	\$0.00	\$0.00	\$0.00	\$50.02
(112)	50,991	\$48,624.58	\$46,795.21	\$1,829.37	3.9%	\$0.00	\$1,774.49	\$0.00	\$0.00	\$0.00	\$54.88
(113)	55,507	\$52,711.09	\$50,719.71	\$1,991.38	3.9%	\$0.00	\$1,931.64	\$0.00	\$0.00	\$0.00	\$59.74
(114)	60,028	\$56,801.66	\$54,648.08	\$2,153.59	3.9%	\$0.00	\$2,088.98	\$0.00	\$0.00	\$0.00	\$64.61
(115)	64,545	\$60,888.94	\$58,573.33	\$2,315.62	4.0%	\$0.00	\$2,246.15	\$0.00	\$0.00	\$0.00	\$69.47
(116)	69,062	\$64,976.26	\$62,498.56	\$2,477.70	4.0%	\$0.00	\$2,403.37	\$0.00	\$0.00	\$0.00	\$74.33
(117)	73,583	\$69,066.84	\$66,426.93	\$2,639.91	4.0%	\$0.00	\$2,560.71	\$0.00	\$0.00	\$0.00	\$79.20
(118)	78,099	\$73,153.36	\$70,351.42	\$2,801.94	4.0%	\$0.00	\$2,717.88	\$0.00	\$0.00	\$0.00	\$84.06
(119)	82,619	\$77,243.05	\$74,278.99	\$2,964.06	4.0%	\$0.00	\$2,875.14	\$0.00	\$0.00	\$0.00	\$88.92
(120)	87,137	\$81,332.12	\$78,205.96	\$3,126.16	4.0%	\$0.00	\$3,032.38	\$0.00	\$0.00	\$0.00	\$93.78

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

**C & I LLF Extra-Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(121)													
(122)													
(123)													
(124)													
(125)	233,835	\$201,399.13	\$194,239.43	\$7,159.70	3.7%	\$0.00	\$6,944.91	\$0.00	\$0.00	\$0.00	\$214.79	\$0.00	\$214.79
(126)	259,019	\$222,422.29	\$214,491.49	\$7,930.79	3.7%	\$0.00	\$7,692.87	\$0.00	\$0.00	\$0.00	\$237.92	\$0.00	\$237.92
(127)	284,197	\$243,441.07	\$234,739.37	\$8,701.70	3.7%	\$0.00	\$8,440.65	\$0.00	\$0.00	\$0.00	\$261.05	\$0.00	\$261.05
(128)	309,381	\$264,464.18	\$254,991.37	\$9,472.81	3.7%	\$0.00	\$9,188.63	\$0.00	\$0.00	\$0.00	\$284.18	\$0.00	\$284.18
(129)	334,562	\$285,485.19	\$275,241.39	\$10,243.79	3.7%	\$0.00	\$9,936.48	\$0.00	\$0.00	\$0.00	\$307.31	\$0.00	\$307.31
(130)	359,745	\$306,507.63	\$295,492.76	\$11,014.87	3.7%	\$0.00	\$10,684.42	\$0.00	\$0.00	\$0.00	\$330.45	\$0.00	\$330.45
(131)	384,928	\$327,530.04	\$315,744.10	\$11,785.95	3.7%	\$0.00	\$11,432.37	\$0.00	\$0.00	\$0.00	\$353.58	\$0.00	\$353.58
(132)	410,110	\$348,551.71	\$335,994.74	\$12,556.97	3.7%	\$0.00	\$12,180.26	\$0.00	\$0.00	\$0.00	\$376.71	\$0.00	\$376.71
(133)	435,293	\$369,574.15	\$356,246.12	\$13,328.03	3.7%	\$0.00	\$12,928.19	\$0.00	\$0.00	\$0.00	\$399.84	\$0.00	\$399.84
(134)	460,471	\$390,592.91	\$376,493.96	\$14,098.95	3.7%	\$0.00	\$13,675.98	\$0.00	\$0.00	\$0.00	\$422.97	\$0.00	\$422.97
(135)	485,655	\$411,616.12	\$396,746.04	\$14,870.07	3.7%	\$0.00	\$14,423.97	\$0.00	\$0.00	\$0.00	\$446.10	\$0.00	\$446.10

**C & I HLF Extra-Large:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(136)													
(137)													
(138)													
(139)													
(140)	486,528	\$366,166.72	\$348,862.38	\$17,304.34	5.0%	\$0.00	\$16,785.21	\$0.00	\$0.00	\$0.00	\$519.13	\$0.00	\$519.13
(141)	538,924	\$404,933.69	\$385,765.76	\$19,167.93	5.0%	\$0.00	\$18,592.89	\$0.00	\$0.00	\$0.00	\$575.04	\$0.00	\$575.04
(142)	591,320	\$443,699.86	\$422,668.35	\$21,031.51	5.0%	\$0.00	\$20,400.56	\$0.00	\$0.00	\$0.00	\$630.95	\$0.00	\$630.95
(143)	643,718	\$482,468.01	\$459,572.90	\$22,895.11	5.0%	\$0.00	\$22,208.26	\$0.00	\$0.00	\$0.00	\$686.85	\$0.00	\$686.85
(144)	696,109	\$521,230.84	\$496,472.33	\$24,758.51	5.0%	\$0.00	\$24,015.75	\$0.00	\$0.00	\$0.00	\$742.76	\$0.00	\$742.76
(145)	748,506	\$559,998.44	\$533,376.31	\$26,622.13	5.0%	\$0.00	\$25,823.47	\$0.00	\$0.00	\$0.00	\$798.66	\$0.00	\$798.66
(146)	800,903	\$598,765.95	\$570,280.22	\$28,485.73	5.0%	\$0.00	\$27,631.16	\$0.00	\$0.00	\$0.00	\$854.57	\$0.00	\$854.57
(147)	853,294	\$637,528.75	\$607,179.63	\$30,349.12	5.0%	\$0.00	\$29,438.65	\$0.00	\$0.00	\$0.00	\$910.47	\$0.00	\$910.47
(148)	905,692	\$676,296.99	\$644,084.24	\$32,212.74	5.0%	\$0.00	\$31,246.36	\$0.00	\$0.00	\$0.00	\$966.38	\$0.00	\$966.38
(149)	958,088	\$715,063.10	\$680,986.76	\$34,076.34	5.0%	\$0.00	\$33,054.05	\$0.00	\$0.00	\$0.00	\$1,022.29	\$0.00	\$1,022.29
(150)	1,010,485	\$753,830.60	\$717,890.68	\$35,939.92	5.0%	\$0.00	\$34,861.72	\$0.00	\$0.00	\$0.00	\$1,078.20	\$0.00	\$1,078.20