

October 27, 2020

**BY ELECTRONIC MAIL**

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

**RE: Docket 5066 – 2020 Gas Cost Recovery Filing**  
**Response to PUC Data Requests – Set 2**

Dear Ms. Massaro:

I have enclosed an electronic version of National Grid's<sup>1</sup> responses to the Public Utilities Commission's Second Set of Data Requests in the above-referenced docket.<sup>2</sup>

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 5066 Service List  
Leo Wold, Esq.  
John Bell, Division  
Al Mancini, Division  
Jerome D. Mierzwa, Division Consultant

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

<sup>2</sup> Per Commission counsel's update on October 2, 2020, concerning the COVID-19 emergency period, the Company is submitting an electronic version of this filing. The Company will provide the Commission Clerk with five (5) hard copies of the enclosures.

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.



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

October 27, 2020  
Date

**Docket No. 5066 – National Grid – 2020 Annual Gas Cost Recovery Filing (GCR) - Service List as of 9/3/2020**

<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 Patricia Lucarelli, 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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	<a href="mailto:Alan.nault@puc.ri.gov">Alan.nault@puc.ri.gov</a> ;	
	<a href="mailto:Todd.bianco@puc.ri.gov">Todd.bianco@puc.ri.gov</a> ;	
Office of Energy Resources Christopher Kearns Nicholas Ucci	<a href="mailto:Christopher.Kearns@energy.ri.gov">Christopher.Kearns@energy.ri.gov</a> ;	
	<a href="mailto:Nicholas.ucci@energy.ri.gov">Nicholas.ucci@energy.ri.gov</a> ;	

PUC 2-1

Request:

According to the October 9 2020 filing in Docket 5040, the Company's proposal would result in an annual increase of \$93.39 for an 845 therm residential heating customer and an increase of \$68.47 for an 845 therm low income residential heating customer.

- a. Please provide the monthly impacts of both the above increases assuming:
  - i. The customer utilizes budget billing
  - ii. The customer does NOT utilize budget billing.
  
- b. Please recalculate the response to (a.) above assuming:
  - i. A 20% COVID deferral
  - ii. A 25% COVID deferral
  - iii. A 30% COVID deferral
  - iv. A 40% COVID deferral
  - v. A 50% COVID deferral

Response:

Please see Attachment PUC 4-1 for the analysis requested in parts (a) and (b) of this data request.

In the October 21, 2020 evidentiary hearing in this proceeding, the Company provided an anecdotal response to a question regarding the monthly bill impact of the proposed DAC and GCR factor increases under the Company's budget billing program. In preparing the response to this data request, the Company has coordinated with subject matter experts on the budget billing program to further clarify how the rate increase would impact customers on budget billing.

The objective of the Company's budget billing program is to levelize a customer's payments over a 12-month period to assist customers in managing bill fluctuations that may occur throughout the year. Annually, the Company resets the customer's monthly budget payment based on the customer's average monthly bill over the previous 12 months<sup>1</sup>. Therefore, if a customer's monthly budget payment is reset in their November 2020 bill, the monthly budget payment would be based upon the customer's average bill for the period November 2019 through October 2020 and would not reflect the rate increases proposed to take effect November 1, 2020. However, if a customer's monthly budget payment is reset in their December 2020 bill, the

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<sup>1</sup> The timing of the annual reset of the monthly budget payment varies depending on when the customer enrolled in budget billing.

PUC 2-1, page 2

monthly budget payment would be based on the customer's average bill for the period December 2019 through November 2020, which includes the impact of the proposed rate increase in the customer's November 2020 bill (and so on). Therefore, the effect of the proposed rate increase for budget billing customers would be lagged depending on when each customer's monthly budget payment is reset.

Six months after the customer's payment is reset, the Company performs a budget payment review to reassess the adequacy of the customer's monthly budget payment to determining if there will be a "material" imbalance at the end of the 12-month period (the difference between 12 months of actual charges and 12 monthly budget payments). This is performed by comparing the customer's (1) budget payments and actual charges for the first six months of the budget billing year, and (2) the budgeted payments and actual charges for the remaining months the budget billing year using the months from the prior year used to establish the current year's monthly budget payment.<sup>2</sup> The Company then divides the estimated imbalance by six to determine an adjustment to the monthly budget payment that would eliminate the estimated imbalance at the end of the 12-month period. If the adjustment to the monthly budget payment is less than 10 percent of the current monthly budget amount, the Company does not adjust the monthly budget payment and the final imbalance at the end of 12 months will be included in the calculation of the customer's subsequent monthly budget payment when it is reset. This practice ensures that the customer does not face a significant increase in their new monthly budget payment amount when it is reset for the next 12-month period and also does not see a small change if the imbalance is expected to be small (defined as a change of less than 10 percent of their then-current monthly budget payment).

Consequently, the impact of the proposed DAC and GCR factor increases on customers who participate in budget billing is delayed and varies depending on each customer's "anniversary" on budget billing payment and when their semi-annual review is performed. However, the Company has included Attachment PUC 4-1, which illustrates the monthly bill impacts for non-budget billing customers and budget billing customers assuming the monthly budget payments are reset in a customer's November 2020 bill and reassessed after their April 2021 bill and take effect in their May 2021 bill.

Attachment PUC 4-1, Page 1, Column (d) shows an illustrative monthly bill comparison of a non-budget billing customer assuming the proposed rates filed in the Company's Second Revision Filing on October 9 were in effect. Comparatively, in Attachment PUC 4-1, Page 1, Column (i), the Company presents an illustrative monthly bill comparison of a customer utilizing the Company's budget billing program. In this scenario, the Company is comparing the

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<sup>2</sup> The Company uses the actual charges for the same months from the prior year as it does not calculate estimated charges on a prospective basis in this semi-annual review.

PUC 2-1, page 3

estimated monthly bill payment for rates proposed in the Company's Second Revision filing, as seen in Column (h), with an illustrative monthly bill payment assessed to a customer utilizing the budget billing program, as seen in Column (g). In this scenario, due to the timing of the delay of when the proposed DAC and GCR rates are reflected in the monthly budget payment appearing in Column (g), the full year's impact is not realized by the hypothetical customer as compared to the customer not in the budget billing program with the charges shown in Columns (b) and (c).

In Attachment PUC 4-1, Pages 2-6, the Company shows additional monthly bill impacts of non-budget billing customers and budget billing customers assuming the Company has applied a 20%, 25%, 30%, 40%, and 50% "COVID Deferral".

National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$92.39	\$5.97	\$107.20		\$107.20	\$92.39	\$14.81
(2) December	102	\$149.67	\$160.93	\$11.27	\$107.20		\$107.20	\$160.93	(\$53.73)
(3) January	143	\$203.69	\$219.51	\$15.81	\$107.20		\$107.20	\$219.51	(\$112.31)
(4) February	157	\$222.14	\$239.48	\$17.34	\$107.20		\$107.20	\$239.48	(\$132.28)
(5) March	136	\$194.47	\$209.50	\$15.03	\$107.20		\$107.20	\$209.50	(\$102.30)
(6) April	93	\$137.80	\$148.08	\$10.28	\$107.20		\$107.20	\$148.08	(\$40.88)
(7) May	51	\$79.22	\$84.86	\$5.64	\$107.20	\$12.62	\$119.82	\$84.86	\$34.96
(8) June	28	\$50.38	\$53.47	\$3.09	\$107.20	\$12.62	\$119.82	\$53.47	\$66.35
(9) July	20	\$40.33	\$42.54	\$2.21	\$107.20	\$12.62	\$119.82	\$42.54	\$77.28
(10) August	18	\$37.84	\$39.83	\$1.99	\$107.20	\$12.62	\$119.82	\$39.83	\$79.99
(11) September	19	\$39.08	\$41.19	\$2.10	\$107.20	\$12.62	\$119.82	\$41.19	\$78.63
(12) October	24	\$45.36	\$48.02	\$2.66	\$107.20	\$12.62	\$119.82	\$48.02	\$71.80
(13) Nov - Apr		\$994.20	\$1,069.90	\$75.70	\$643.21		\$643.21	\$1,069.90	(\$426.69)
(14) May - Oct		\$292.22	\$309.91	\$17.69	\$643.21		\$718.91	\$309.91	\$409.00
(15) Total	845	\$1,286.41	\$1,379.81	\$93.39	\$1,286.41		\$1,362.12	\$1,379.81	(\$17.69)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$426.69	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$75.70	
(20) 6 Month Adjustment			\$12.62	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?		Yes		

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$68.60	\$4.38	\$79.64		\$79.64	\$68.60	\$11.03
(2) December	102	\$111.14	\$119.41	\$8.27	\$79.64		\$79.64	\$119.41	(\$39.77)
(3) January	143	\$151.22	\$162.81	\$11.59	\$79.64		\$79.64	\$162.81	(\$83.18)
(4) February	157	\$164.91	\$177.62	\$12.72	\$79.64		\$79.64	\$177.62	(\$97.99)
(5) March	136	\$144.38	\$155.40	\$11.03	\$79.64		\$79.64	\$155.40	(\$75.77)
(6) April	93	\$102.35	\$109.88	\$7.54	\$79.64		\$79.64	\$109.88	(\$30.25)
(7) May	51	\$58.87	\$63.00	\$4.13	\$79.64	\$9.25	\$88.89	\$63.00	\$25.89
(8) June	28	\$37.48	\$39.75	\$2.27	\$79.64	\$9.25	\$88.89	\$39.75	\$49.14
(9) July	20	\$30.03	\$31.65	\$1.62	\$79.64	\$9.25	\$88.89	\$31.65	\$57.24
(10) August	18	\$28.18	\$29.64	\$1.45	\$79.64	\$9.25	\$88.89	\$29.64	\$59.25
(11) September	19	\$29.10	\$30.65	\$1.55	\$79.64	\$9.25	\$88.89	\$30.65	\$58.24
(12) October	24	\$33.76	\$35.71	\$1.95	\$79.64	\$9.25	\$88.89	\$35.71	\$53.18
(13) Nov - Apr		\$738.22	\$793.74	\$55.52	\$477.83		\$477.83	\$793.74	(\$315.91)
(14) May - Oct		\$217.43	\$230.39	\$12.96	\$477.83		\$533.34	\$230.39	\$302.95
(15) Total	845	\$955.66	\$1,024.13	\$68.47	\$955.66		\$1,011.17	\$1,024.13	(\$12.96)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$315.91	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$55.52	
(20) 6 Month Adjustment			\$9.25	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?		Yes		

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis including 20% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$91.27	\$4.85	\$107.20		\$107.20	\$91.27	\$15.94
(2) December	102	\$149.67	\$158.82	\$9.15	\$107.20		\$107.20	\$158.82	(\$51.62)
(3) January	143	\$203.69	\$216.52	\$12.82	\$107.20		\$107.20	\$216.52	(\$109.32)
(4) February	157	\$222.14	\$236.22	\$14.08	\$107.20		\$107.20	\$236.22	(\$129.02)
(5) March	136	\$194.47	\$206.66	\$12.19	\$107.20		\$107.20	\$206.66	(\$99.46)
(6) April	93	\$137.80	\$146.14	\$8.34	\$107.20		\$107.20	\$146.14	(\$38.94)
(7) May	51	\$79.22	\$83.79	\$4.57	\$107.20	\$0.00	\$107.20	\$83.79	\$23.41
(8) June	28	\$50.38	\$52.88	\$2.51	\$107.20	\$0.00	\$107.20	\$52.88	\$54.32
(9) July	20	\$40.33	\$42.13	\$1.79	\$107.20	\$0.00	\$107.20	\$42.13	\$65.07
(10) August	18	\$37.84	\$39.45	\$1.62	\$107.20	\$0.00	\$107.20	\$39.45	\$67.75
(11) September	19	\$39.08	\$40.80	\$1.71	\$107.20	\$0.00	\$107.20	\$40.80	\$66.41
(12) October	24	\$45.36	\$47.52	\$2.15	\$107.20	\$0.00	\$107.20	\$47.52	\$59.68
(13) Nov - Apr		\$994.20	\$1,055.63	\$61.43	\$643.21		\$643.21	\$1,055.63	(\$412.42)
(14) May - Oct		\$292.22	\$306.57	\$14.35	\$643.21		\$643.21	\$306.57	\$336.64
(15) Total	845	\$1,286.41	\$1,362.20	\$75.78	\$1,286.41		\$1,286.41	\$1,362.20	(\$75.78)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$412.42	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$61.43	
(20) 6 Month Adjustment			\$10.24	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$67.78	\$3.56	\$79.64		\$79.64	\$67.78	\$11.85
(2) December	102	\$111.14	\$117.86	\$6.72	\$79.64		\$79.64	\$117.86	(\$38.23)
(3) January	143	\$151.22	\$160.63	\$9.41	\$79.64		\$79.64	\$160.63	(\$80.99)
(4) February	157	\$164.91	\$175.24	\$10.33	\$79.64		\$79.64	\$175.24	(\$95.60)
(5) March	136	\$144.38	\$153.32	\$8.95	\$79.64		\$79.64	\$153.32	(\$73.69)
(6) April	93	\$102.35	\$108.46	\$6.12	\$79.64		\$79.64	\$108.46	(\$28.82)
(7) May	51	\$58.87	\$62.22	\$3.35	\$79.64	\$0.00	\$79.64	\$62.22	\$17.42
(8) June	28	\$37.48	\$39.32	\$1.84	\$79.64	\$0.00	\$79.64	\$39.32	\$40.32
(9) July	20	\$30.03	\$31.36	\$1.32	\$79.64	\$0.00	\$79.64	\$31.36	\$48.28
(10) August	18	\$28.18	\$29.37	\$1.18	\$79.64	\$0.00	\$79.64	\$29.37	\$50.27
(11) September	19	\$29.10	\$30.36	\$1.25	\$79.64	\$0.00	\$79.64	\$30.36	\$49.28
(12) October	24	\$33.76	\$35.34	\$1.59	\$79.64	\$0.00	\$79.64	\$35.34	\$44.29
(13) Nov - Apr		\$738.22	\$783.30	\$45.08	\$477.83		\$477.83	\$783.30	(\$305.47)
(14) May - Oct		\$217.43	\$227.96	\$10.53	\$477.83		\$477.83	\$227.96	\$249.87
(15) Total	845	\$955.66	\$1,011.26	\$55.61	\$955.66		\$955.66	\$1,011.26	(\$55.61)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$305.47	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$45.08	
(20) 6 Month Adjustment			\$7.51	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1



National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis including 25% Deferral

**Residential Heating:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$86.42	\$90.98	\$4.56	\$107.20		\$107.20	\$90.98	\$16.22
(2) December	102	\$149.67	\$158.29	\$8.62	\$107.20		\$107.20	\$158.29	(\$51.08)
(3) January	143	\$203.69	\$215.79	\$12.09	\$107.20		\$107.20	\$215.79	(\$108.58)
(4) February	157	\$222.14	\$235.41	\$13.27	\$107.20		\$107.20	\$235.41	(\$128.21)
(5) March	136	\$194.47	\$205.97	\$11.49	\$107.20		\$107.20	\$205.97	(\$98.77)
(6) April	93	\$137.80	\$145.67	\$7.87	\$107.20		\$107.20	\$145.67	(\$38.47)
(7) May	51	\$79.22	\$83.54	\$4.32	\$107.20	\$0.00	\$107.20	\$83.54	\$23.66
(8) June	28	\$50.38	\$52.75	\$2.37	\$107.20	\$0.00	\$107.20	\$52.75	\$54.45
(9) July	20	\$40.33	\$42.02	\$1.69	\$107.20	\$0.00	\$107.20	\$42.02	\$65.18
(10) August	18	\$37.84	\$39.36	\$1.53	\$107.20	\$0.00	\$107.20	\$39.36	\$67.84
(11) September	19	\$39.08	\$40.69	\$1.61	\$107.20	\$0.00	\$107.20	\$40.69	\$66.51
(12) October	24	\$45.36	\$47.38	\$2.02	\$107.20	\$0.00	\$107.20	\$47.38	\$59.82
(13) Nov - Apr		\$994.20	\$1,052.09	\$57.90	\$643.21		\$643.21	\$1,052.09	(\$408.89)
(14) May - Oct		\$292.22	\$305.75	\$13.54	\$643.21		\$643.21	\$305.75	\$337.45
(15) Total	845	\$1,286.41	\$1,357.85	\$71.43	\$1,286.41		\$1,286.41	\$1,357.85	(\$71.43)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$408.89	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$57.90	
(20) 6 Month Adjustment			\$9.65	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$64.23	\$67.58	\$3.35	\$79.64		\$79.64	\$67.58	\$12.06
(2) December	102	\$111.14	\$117.47	\$6.32	\$79.64		\$79.64	\$117.47	(\$37.83)
(3) January	143	\$151.22	\$160.09	\$8.87	\$79.64		\$79.64	\$160.09	(\$80.45)
(4) February	157	\$164.91	\$174.64	\$9.73	\$79.64		\$79.64	\$174.64	(\$95.00)
(5) March	136	\$144.38	\$152.81	\$8.44	\$79.64		\$79.64	\$152.81	(\$73.18)
(6) April	93	\$102.35	\$108.11	\$5.77	\$79.64		\$79.64	\$108.11	(\$28.48)
(7) May	51	\$58.87	\$62.03	\$3.16	\$79.64	\$0.00	\$79.64	\$62.03	\$17.61
(8) June	28	\$37.48	\$39.21	\$1.73	\$79.64	\$0.00	\$79.64	\$39.21	\$40.42
(9) July	20	\$30.03	\$31.28	\$1.24	\$79.64	\$0.00	\$79.64	\$31.28	\$48.36
(10) August	18	\$28.18	\$29.30	\$1.12	\$79.64	\$0.00	\$79.64	\$29.30	\$50.33
(11) September	19	\$29.10	\$30.29	\$1.18	\$79.64	\$0.00	\$79.64	\$30.29	\$49.35
(12) October	24	\$33.76	\$35.25	\$1.49	\$79.64	\$0.00	\$79.64	\$35.25	\$44.39
(13) Nov - Apr		\$738.22	\$780.70	\$42.48	\$477.83		\$477.83	\$780.70	(\$302.88)
(14) May - Oct		\$217.43	\$227.37	\$9.94	\$477.83		\$477.83	\$227.37	\$250.46
(15) Total	845	\$955.66	\$1,008.07	\$52.41	\$955.66		\$955.66	\$1,008.07	(\$52.41)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$302.88	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$42.48	
(20) 6 Month Adjustment			\$7.08	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis including 30% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$90.71	\$4.29	\$107.20		\$107.20	\$90.71	\$16.49
(2) December	102	\$149.67	\$157.76	\$8.09	\$107.20		\$107.20	\$157.76	(\$50.56)
(3) January	143	\$203.69	\$215.03	\$11.34	\$107.20		\$107.20	\$215.03	(\$107.83)
(4) February	157	\$222.14	\$234.59	\$12.44	\$107.20		\$107.20	\$234.59	(\$127.38)
(5) March	136	\$194.47	\$205.25	\$10.77	\$107.20		\$107.20	\$205.25	(\$98.04)
(6) April	93	\$137.80	\$145.17	\$7.37	\$107.20		\$107.20	\$145.17	(\$37.97)
(7) May	51	\$79.22	\$83.26	\$4.04	\$107.20	\$0.00	\$107.20	\$83.26	\$23.94
(8) June	28	\$50.38	\$52.60	\$2.22	\$107.20	\$0.00	\$107.20	\$52.60	\$54.61
(9) July	20	\$40.33	\$41.92	\$1.59	\$107.20	\$0.00	\$107.20	\$41.92	\$65.28
(10) August	18	\$37.84	\$39.27	\$1.43	\$107.20	\$0.00	\$107.20	\$39.27	\$67.93
(11) September	19	\$39.08	\$40.60	\$1.52	\$107.20	\$0.00	\$107.20	\$40.60	\$66.60
(12) October	24	\$45.36	\$47.27	\$1.91	\$107.20	\$0.00	\$107.20	\$47.27	\$59.93
(13) Nov - Apr		\$994.20	\$1,048.51	\$54.31	\$643.21		\$643.21	\$1,048.51	(\$405.30)
(14) May - Oct		\$292.22	\$304.92	\$12.70	\$643.21		\$643.21	\$304.92	\$338.29
(15) Total	845	\$1,286.41	\$1,353.43	\$67.01	\$1,286.41		\$1,286.41	\$1,353.43	(\$67.01)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$405.30	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$54.31	
(20) 6 Month Adjustment			\$9.05	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$67.37	\$3.15	\$79.64		\$79.64	\$67.37	\$12.26
(2) December	102	\$111.14	\$117.07	\$5.93	\$79.64		\$79.64	\$117.07	(\$37.44)
(3) January	143	\$151.22	\$159.53	\$8.31	\$79.64		\$79.64	\$159.53	(\$79.90)
(4) February	157	\$164.91	\$174.04	\$9.13	\$79.64		\$79.64	\$174.04	(\$94.40)
(5) March	136	\$144.38	\$152.28	\$7.90	\$79.64		\$79.64	\$152.28	(\$72.64)
(6) April	93	\$102.35	\$107.75	\$5.40	\$79.64		\$79.64	\$107.75	(\$28.11)
(7) May	51	\$58.87	\$61.83	\$2.96	\$79.64	\$0.00	\$79.64	\$61.83	\$17.81
(8) June	28	\$37.48	\$39.11	\$1.62	\$79.64	\$0.00	\$79.64	\$39.11	\$40.53
(9) July	20	\$30.03	\$31.20	\$1.17	\$79.64	\$0.00	\$79.64	\$31.20	\$48.44
(10) August	18	\$28.18	\$29.23	\$1.04	\$79.64	\$0.00	\$79.64	\$29.23	\$50.41
(11) September	19	\$29.10	\$30.22	\$1.11	\$79.64	\$0.00	\$79.64	\$30.22	\$49.42
(12) October	24	\$33.76	\$35.16	\$1.40	\$79.64	\$0.00	\$79.64	\$35.16	\$44.48
(13) Nov - Apr		\$738.22	\$778.05	\$39.83	\$477.83		\$477.83	\$778.05	(\$300.22)
(14) May - Oct		\$217.43	\$226.74	\$9.31	\$477.83		\$477.83	\$226.74	\$251.09
(15) Total	845	\$955.66	\$1,004.79	\$49.14	\$955.66		\$955.66	\$1,004.79	(\$49.14)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$300.22	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$39.83	
(20) 6 Month Adjustment			\$6.64	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d)	Col (b) + Col (c)	(13) Sum Lines (1)-(6)	(19) Sum Lines (16)-(18)
Col (e)	Col (b), Line (15) ÷ 12	(14) Sum Lines (7)-(12)	(20) Line (19) ÷ 6
Col (f)	Line (20)	(15) Line (13) + Line (14)	(21) Col (b), Line (15) ÷ 12
Col (g)	Col (e) + Col (f)	(16) Col (i), Line (13)	(22) Line (21) x 10%
Col (h)	Col (c)	(17) Col (b), Line (14)	(23) If Line (20) > Line (22), apply 6 month adjustment
Col (i)	Col (g) - Col (h)	(18) Col (e), Line (14) x -1	

National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis including 40% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$90.14	\$3.72	\$107.20		\$107.20	\$90.14	\$17.06
(2) December	102	\$149.67	\$156.69	\$7.02	\$107.20		\$107.20	\$156.69	(\$49.49)
(3) January	143	\$203.69	\$213.54	\$9.85	\$107.20		\$107.20	\$213.54	(\$106.34)
(4) February	157	\$222.14	\$232.96	\$10.81	\$107.20		\$107.20	\$232.96	(\$125.76)
(5) March	136	\$194.47	\$203.83	\$9.36	\$107.20		\$107.20	\$203.83	(\$96.63)
(6) April	93	\$137.80	\$144.21	\$6.41	\$107.20		\$107.20	\$144.21	(\$37.01)
(7) May	51	\$79.22	\$82.74	\$3.52	\$107.20	\$0.00	\$107.20	\$82.74	\$24.46
(8) June	28	\$50.38	\$52.31	\$1.93	\$107.20	\$0.00	\$107.20	\$52.31	\$54.89
(9) July	20	\$40.33	\$41.72	\$1.38	\$107.20	\$0.00	\$107.20	\$41.72	\$65.49
(10) August	18	\$37.84	\$39.07	\$1.24	\$107.20	\$0.00	\$107.20	\$39.07	\$68.13
(11) September	19	\$39.08	\$40.39	\$1.31	\$107.20	\$0.00	\$107.20	\$40.39	\$66.81
(12) October	24	\$45.36	\$47.01	\$1.65	\$107.20	\$0.00	\$107.20	\$47.01	\$60.19
(13) Nov - Apr		\$994.20	\$1,041.37	\$47.18	\$643.21		\$643.21	\$1,041.37	(\$398.16)
(14) May - Oct		\$292.22	\$303.24	\$11.02	\$643.21		\$643.21	\$303.24	\$339.97
(15) Total	845	\$1,286.41	\$1,344.61	\$58.20	\$1,286.41		\$1,286.41	\$1,344.61	(\$58.20)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$398.16	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$47.18	
(20) 6 Month Adjustment			\$7.86	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$66.97	\$2.74	\$79.64		\$79.64	\$66.97	\$12.67
(2) December	102	\$111.14	\$116.30	\$5.16	\$79.64		\$79.64	\$116.30	(\$36.66)
(3) January	143	\$151.22	\$158.45	\$7.23	\$79.64		\$79.64	\$158.45	(\$78.81)
(4) February	157	\$164.91	\$172.85	\$7.94	\$79.64		\$79.64	\$172.85	(\$93.21)
(5) March	136	\$144.38	\$151.25	\$6.87	\$79.64		\$79.64	\$151.25	(\$71.61)
(6) April	93	\$102.35	\$107.05	\$4.70	\$79.64		\$79.64	\$107.05	(\$27.41)
(7) May	51	\$58.87	\$61.45	\$2.58	\$79.64	\$0.00	\$79.64	\$61.45	\$18.19
(8) June	28	\$37.48	\$38.90	\$1.41	\$79.64	\$0.00	\$79.64	\$38.90	\$40.74
(9) July	20	\$30.03	\$31.05	\$1.01	\$79.64	\$0.00	\$79.64	\$31.05	\$48.59
(10) August	18	\$28.18	\$29.10	\$0.91	\$79.64	\$0.00	\$79.64	\$29.10	\$50.54
(11) September	19	\$29.10	\$30.07	\$0.97	\$79.64	\$0.00	\$79.64	\$30.07	\$49.57
(12) October	24	\$33.76	\$34.97	\$1.21	\$79.64	\$0.00	\$79.64	\$34.97	\$44.67
(13) Nov - Apr		\$738.22	\$772.86	\$34.64	\$477.83		\$477.83	\$772.86	(\$295.04)
(14) May - Oct		\$217.43	\$225.54	\$8.10	\$477.83		\$477.83	\$225.54	\$252.29
(15) Total	845	\$955.66	\$998.40	\$42.74	\$955.66		\$955.66	\$998.40	(\$42.74)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$295.04	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$34.64	
(20) 6 Month Adjustment			\$5.77	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d)	Col (b) + Col (c)	(13) Sum Lines (1)-(6)	(19) Sum Lines (16)-(18)
Col (e)	Col (b), Line (15) ÷ 12	(14) Sum Lines (7)-(12)	(20) Line (19) ÷ 6
Col (f)	Line (20)	(15) Line (13) + Line (14)	(21) Col (b), Line (15) ÷ 12
Col (g)	Col (e) + Col (f)	(16) Col (i), Line (13)	(22) Line (21) x 10%
Col (h)	Col (c)	(17) Col (b), Line (14)	(23) If Line (20) > Line (22), apply 6 month adjustment
Col (i)	Col (g) - Col (h)	(18) Col (e), Line (14) x -1	

National Grid - RI Gas  
GCR/DAC as Filed on October 9, 2020  
Residential Heating Budget Billing Analysis including 50% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> Billing (i)
(1) November	54	\$86.42	\$89.57	\$3.14	\$107.20		\$107.20	\$89.57	\$17.64
(2) December	102	\$149.67	\$155.62	\$5.95	\$107.20		\$107.20	\$155.62	(\$48.41)
(3) January	143	\$203.69	\$212.04	\$8.35	\$107.20		\$107.20	\$212.04	(\$104.84)
(4) February	157	\$222.14	\$231.30	\$9.15	\$107.20		\$107.20	\$231.30	(\$124.10)
(5) March	136	\$194.47	\$202.40	\$7.93	\$107.20		\$107.20	\$202.40	(\$95.20)
(6) April	93	\$137.80	\$143.23	\$5.43	\$107.20		\$107.20	\$143.23	(\$36.03)
(7) May	51	\$79.22	\$82.20	\$2.98	\$107.20	\$0.00	\$107.20	\$82.20	\$25.00
(8) June	28	\$50.38	\$52.01	\$1.63	\$107.20	\$0.00	\$107.20	\$52.01	\$55.19
(9) July	20	\$40.33	\$41.50	\$1.16	\$107.20	\$0.00	\$107.20	\$41.50	\$65.70
(10) August	18	\$37.84	\$38.89	\$1.05	\$107.20	\$0.00	\$107.20	\$38.89	\$68.31
(11) September	19	\$39.08	\$40.20	\$1.11	\$107.20	\$0.00	\$107.20	\$40.20	\$67.00
(12) October	24	\$45.36	\$46.76	\$1.40	\$107.20	\$0.00	\$107.20	\$46.76	\$60.44
(13) Nov - Apr		\$994.20	\$1,034.16	\$39.96	\$643.21		\$643.21	\$1,034.16	(\$390.95)
(14) May - Oct		\$292.22	\$301.56	\$9.34	\$643.21		\$643.21	\$301.56	\$341.65
(15) Total	845	\$1,286.41	\$1,335.71	\$49.30	\$1,286.41		\$1,286.41	\$1,335.71	(\$49.30)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$390.95	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$39.96	
(20) 6 Month Adjustment			\$6.66	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> Billing (i)
(1) November	54	\$64.23	\$66.54	\$2.31	\$79.64		\$79.64	\$66.54	\$13.10
(2) December	102	\$111.14	\$115.52	\$4.38	\$79.64		\$79.64	\$115.52	(\$35.88)
(3) January	143	\$151.22	\$157.36	\$6.14	\$79.64		\$79.64	\$157.36	(\$77.72)
(4) February	157	\$164.91	\$171.64	\$6.73	\$79.64		\$79.64	\$171.64	(\$92.00)
(5) March	136	\$144.38	\$150.22	\$5.84	\$79.64		\$79.64	\$150.22	(\$70.58)
(6) April	93	\$102.35	\$106.34	\$4.00	\$79.64		\$79.64	\$106.34	(\$26.70)
(7) May	51	\$58.87	\$61.06	\$2.19	\$79.64	\$0.00	\$79.64	\$61.06	\$18.58
(8) June	28	\$37.48	\$38.68	\$1.20	\$79.64	\$0.00	\$79.64	\$38.68	\$40.96
(9) July	20	\$30.03	\$30.89	\$0.86	\$79.64	\$0.00	\$79.64	\$30.89	\$48.75
(10) August	18	\$28.18	\$28.96	\$0.77	\$79.64	\$0.00	\$79.64	\$28.96	\$50.68
(11) September	19	\$29.10	\$29.92	\$0.82	\$79.64	\$0.00	\$79.64	\$29.92	\$49.71
(12) October	24	\$33.76	\$34.79	\$1.04	\$79.64	\$0.00	\$79.64	\$34.79	\$44.84
(13) Nov - Apr		\$738.22	\$767.62	\$29.40	\$477.83		\$477.83	\$767.62	(\$289.79)
(14) May - Oct		\$217.43	\$224.31	\$6.87	\$477.83		\$477.83	\$224.31	\$253.52
(15) Total	845	\$955.66	\$991.93	\$36.27	\$955.66		\$955.66	\$991.93	(\$36.27)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$289.79	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$29.40	
(20) 6 Month Adjustment			\$4.90	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

PUC 2-2

Request:

Please recalculate the bill impacts in parts 1(a) and 1(b) including a credit for the balance of AGT funds and all pending Service Quality Penalties.

Response:

Please see Attachment PUC 2-2 for the requested information. For an explanation of Attachment PUC 2-2, please see the Company's response to PUC 2-1.

National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$92.27	\$5.85	\$107.20		\$107.20	\$92.27	\$14.94
(2) December	102	\$149.67	\$160.70	\$11.03	\$107.20		\$107.20	\$160.70	(\$53.50)
(3) January	143	\$203.69	\$219.17	\$15.47	\$107.20		\$107.20	\$219.17	(\$111.97)
(4) February	157	\$222.14	\$239.11	\$16.97	\$107.20		\$107.20	\$239.11	(\$131.91)
(5) March	136	\$194.47	\$209.18	\$14.71	\$107.20		\$107.20	\$209.18	(\$101.98)
(6) April	93	\$137.80	\$147.86	\$10.06	\$107.20		\$107.20	\$147.86	(\$40.66)
(7) May	51	\$79.22	\$84.74	\$5.52	\$107.20	\$12.35	\$119.55	\$84.74	\$34.81
(8) June	28	\$50.38	\$53.41	\$3.03	\$107.20	\$12.35	\$119.55	\$53.41	\$66.14
(9) July	20	\$40.33	\$42.50	\$2.16	\$107.20	\$12.35	\$119.55	\$42.50	\$77.05
(10) August	18	\$37.84	\$39.78	\$1.95	\$107.20	\$12.35	\$119.55	\$39.78	\$79.77
(11) September	19	\$39.08	\$41.15	\$2.06	\$107.20	\$12.35	\$119.55	\$41.15	\$78.40
(12) October	24	\$45.36	\$47.96	\$2.60	\$107.20	\$12.35	\$119.55	\$47.96	\$71.59
(13) Nov - Apr		\$994.20	\$1,068.29	\$74.09	\$643.21		\$643.21	\$1,068.29	(\$425.08)
(14) May - Oct		\$292.22	\$309.54	\$17.32	\$643.21		\$717.30	\$309.54	\$407.76
(15) Total	845	\$1,286.41	\$1,377.83	\$91.41	\$1,286.41		\$1,360.51	\$1,377.83	(\$17.32)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$425.08	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$74.09	
(20) 6 Month Adjustment			\$12.35	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			Yes	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$68.51	\$4.28	\$79.64		\$79.64	\$68.51	\$11.13
(2) December	102	\$111.14	\$119.22	\$8.08	\$79.64		\$79.64	\$119.22	(\$39.59)
(3) January	143	\$151.22	\$162.56	\$11.34	\$79.64		\$79.64	\$162.56	(\$82.92)
(4) February	157	\$164.91	\$177.35	\$12.44	\$79.64		\$79.64	\$177.35	(\$97.71)
(5) March	136	\$144.38	\$155.16	\$10.79	\$79.64		\$79.64	\$155.16	(\$75.53)
(6) April	93	\$102.35	\$109.71	\$7.37	\$79.64		\$79.64	\$109.71	(\$30.08)
(7) May	51	\$58.87	\$62.90	\$4.04	\$79.64	\$9.05	\$88.69	\$62.90	\$25.78
(8) June	28	\$37.48	\$39.70	\$2.22	\$79.64	\$9.05	\$88.69	\$39.70	\$48.99
(9) July	20	\$30.03	\$31.62	\$1.59	\$79.64	\$9.05	\$88.69	\$31.62	\$57.07
(10) August	18	\$28.18	\$29.61	\$1.42	\$79.64	\$9.05	\$88.69	\$29.61	\$59.08
(11) September	19	\$29.10	\$30.62	\$1.52	\$79.64	\$9.05	\$88.69	\$30.62	\$58.07
(12) October	24	\$33.76	\$35.67	\$1.91	\$79.64	\$9.05	\$88.69	\$35.67	\$53.02
(13) Nov - Apr		\$738.22	\$792.52	\$54.29	\$477.83		\$477.83	\$792.52	(\$314.69)
(14) May - Oct		\$217.43	\$230.12	\$12.69	\$477.83		\$532.12	\$230.12	\$302.00
(15) Total	845	\$955.66	\$1,022.64	\$66.98	\$955.66		\$1,009.95	\$1,022.64	(\$12.69)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$314.69	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$54.29	
(20) 6 Month Adjustment			\$9.05	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			Yes	

Col (d)	Col (b) + Col (c)	(13) Sum Lines (1)-(6)	(19) Sum Lines (16)-(18)
Col (e)	Col (b), Line (15) ÷ 12	(14) Sum Lines (7)-(12)	(20) Line (19) ÷ 6
Col (f)	Line (20)	(15) Line (13) + Line (14)	(21) Col (b), Line (15) ÷ 12
Col (g)	Col (e) + Col (f)	(16) Col (i), Line (13)	(22) Line (21) x 10%
Col (h)	Col (c)	(17) Col (b), Line (14)	(23) If Line (20) > Line (22), apply 6 month adjustment
Col (i)	Col (g) - Col (h)	(18) Col (e), Line (14) x -1	

National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis including 20% Deferral

**Residential Heating:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$86.42	\$91.17	\$4.75	\$107.20		\$107.20	\$91.17	\$16.03
(2) December	102	\$149.67	\$158.64	\$8.97	\$107.20		\$107.20	\$158.64	(\$51.43)
(3) January	143	\$203.69	\$216.27	\$12.58	\$107.20		\$107.20	\$216.27	(\$109.07)
(4) February	157	\$222.14	\$235.95	\$13.80	\$107.20		\$107.20	\$235.95	(\$128.75)
(5) March	136	\$194.47	\$206.42	\$11.95	\$107.20		\$107.20	\$206.42	(\$99.22)
(6) April	93	\$137.80	\$145.98	\$8.18	\$107.20		\$107.20	\$145.98	(\$38.77)
(7) May	51	\$79.22	\$83.71	\$4.48	\$107.20	\$0.00	\$107.20	\$83.71	\$23.49
(8) June	28	\$50.38	\$52.84	\$2.46	\$107.20	\$0.00	\$107.20	\$52.84	\$54.36
(9) July	20	\$40.33	\$42.10	\$1.76	\$107.20	\$0.00	\$107.20	\$42.10	\$65.10
(10) August	18	\$37.84	\$39.42	\$1.59	\$107.20	\$0.00	\$107.20	\$39.42	\$67.78
(11) September	19	\$39.08	\$40.75	\$1.67	\$107.20	\$0.00	\$107.20	\$40.75	\$66.45
(12) October	24	\$45.36	\$47.48	\$2.11	\$107.20	\$0.00	\$107.20	\$47.48	\$59.73
(13) Nov - Apr		\$994.20	\$1,054.42	\$60.23	\$643.21		\$643.21	\$1,054.42	(\$411.22)
(14) May - Oct		\$292.22	\$306.30	\$14.08	\$643.21		\$643.21	\$306.30	\$336.91
(15) Total	845	\$1,286.41	\$1,360.72	\$74.31	\$1,286.41		\$1,286.41	\$1,360.72	(\$74.31)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$411.22	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$60.23	
(20) 6 Month Adjustment			\$10.04	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$64.23	\$67.72	\$3.49	\$79.64		\$79.64	\$67.72	\$11.92
(2) December	102	\$111.14	\$117.72	\$6.58	\$79.64		\$79.64	\$117.72	(\$38.09)
(3) January	143	\$151.22	\$160.45	\$9.22	\$79.64		\$79.64	\$160.45	(\$80.81)
(4) February	157	\$164.91	\$175.03	\$10.12	\$79.64		\$79.64	\$175.03	(\$95.39)
(5) March	136	\$144.38	\$153.15	\$8.77	\$79.64		\$79.64	\$153.15	(\$73.51)
(6) April	93	\$102.35	\$108.34	\$5.99	\$79.64		\$79.64	\$108.34	(\$28.70)
(7) May	51	\$58.87	\$62.15	\$3.29	\$79.64	\$0.00	\$79.64	\$62.15	\$17.48
(8) June	28	\$37.48	\$39.28	\$1.80	\$79.64	\$0.00	\$79.64	\$39.28	\$40.35
(9) July	20	\$30.03	\$31.33	\$1.29	\$79.64	\$0.00	\$79.64	\$31.33	\$48.31
(10) August	18	\$28.18	\$29.34	\$1.16	\$79.64	\$0.00	\$79.64	\$29.34	\$50.29
(11) September	19	\$29.10	\$30.33	\$1.23	\$79.64	\$0.00	\$79.64	\$30.33	\$49.30
(12) October	24	\$33.76	\$35.31	\$1.55	\$79.64	\$0.00	\$79.64	\$35.31	\$44.33
(13) Nov - Apr		\$738.22	\$782.40	\$44.17	\$477.83		\$477.83	\$782.40	(\$304.57)
(14) May - Oct		\$217.43	\$227.75	\$10.32	\$477.83		\$477.83	\$227.75	\$250.07
(15) Total	845	\$955.66	\$1,010.15	\$54.49	\$955.66		\$955.66	\$1,010.15	(\$54.49)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$304.57	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$44.17	
(20) 6 Month Adjustment			\$7.36	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis including 25% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> Billing (i)
(1) November	54	\$86.42	\$90.90	\$4.47	\$107.20		\$107.20	\$90.90	\$16.31
(2) December	102	\$149.67	\$158.12	\$8.45	\$107.20		\$107.20	\$158.12	(\$50.92)
(3) January	143	\$203.69	\$215.55	\$11.86	\$107.20		\$107.20	\$215.55	(\$108.35)
(4) February	157	\$222.14	\$235.15	\$13.01	\$107.20		\$107.20	\$235.15	(\$127.95)
(5) March	136	\$194.47	\$205.74	\$11.27	\$107.20		\$107.20	\$205.74	(\$98.54)
(6) April	93	\$137.80	\$145.51	\$7.71	\$107.20		\$107.20	\$145.51	(\$38.31)
(7) May	51	\$79.22	\$83.45	\$4.23	\$107.20	\$0.00	\$107.20	\$83.45	\$23.75
(8) June	28	\$50.38	\$52.70	\$2.32	\$107.20	\$0.00	\$107.20	\$52.70	\$54.50
(9) July	20	\$40.33	\$41.99	\$1.66	\$107.20	\$0.00	\$107.20	\$41.99	\$65.21
(10) August	18	\$37.84	\$39.33	\$1.49	\$107.20	\$0.00	\$107.20	\$39.33	\$67.87
(11) September	19	\$39.08	\$40.66	\$1.58	\$107.20	\$0.00	\$107.20	\$40.66	\$66.54
(12) October	24	\$45.36	\$47.35	\$1.99	\$107.20	\$0.00	\$107.20	\$47.35	\$59.85
(13) Nov - Apr		\$994.20	\$1,050.97	\$56.77	\$643.21		\$643.21	\$1,050.97	(\$407.76)
(14) May - Oct		\$292.22	\$305.49	\$13.27	\$643.21		\$643.21	\$305.49	\$337.72
(15) Total	845	\$1,286.41	\$1,356.46	\$70.04	\$1,286.41		\$1,286.41	\$1,356.46	(\$70.04)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$407.76	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$56.77	
(20) 6 Month Adjustment			\$9.46	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> Billing (i)
(1) November	54	\$64.23	\$67.51	\$3.28	\$79.64		\$79.64	\$67.51	\$12.13
(2) December	102	\$111.14	\$117.35	\$6.20	\$79.64		\$79.64	\$117.35	(\$37.71)
(3) January	143	\$151.22	\$159.91	\$8.69	\$79.64		\$79.64	\$159.91	(\$80.28)
(4) February	157	\$164.91	\$174.45	\$9.54	\$79.64		\$79.64	\$174.45	(\$94.81)
(5) March	136	\$144.38	\$152.65	\$8.27	\$79.64		\$79.64	\$152.65	(\$73.01)
(6) April	93	\$102.35	\$108.00	\$5.65	\$79.64		\$79.64	\$108.00	(\$28.36)
(7) May	51	\$58.87	\$61.97	\$3.10	\$79.64	\$0.00	\$79.64	\$61.97	\$17.67
(8) June	28	\$37.48	\$39.18	\$1.70	\$79.64	\$0.00	\$79.64	\$39.18	\$40.45
(9) July	20	\$30.03	\$31.25	\$1.21	\$79.64	\$0.00	\$79.64	\$31.25	\$48.39
(10) August	18	\$28.18	\$29.28	\$1.10	\$79.64	\$0.00	\$79.64	\$29.28	\$50.36
(11) September	19	\$29.10	\$30.26	\$1.16	\$79.64	\$0.00	\$79.64	\$30.26	\$49.37
(12) October	24	\$33.76	\$35.22	\$1.46	\$79.64	\$0.00	\$79.64	\$35.22	\$44.42
(13) Nov - Apr		\$738.22	\$779.86	\$41.64	\$477.83		\$477.83	\$779.86	(\$302.03)
(14) May - Oct		\$217.43	\$227.17	\$9.73	\$477.83		\$477.83	\$227.17	\$250.66
(15) Total	845	\$955.66	\$1,007.03	\$51.37	\$955.66		\$955.66	\$1,007.03	(\$51.37)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$302.03	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$41.64	
(20) 6 Month Adjustment			\$6.94	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d)	Col (b) + Col (c)	(13) Sum Lines (1)-(6)	(19) Sum Lines (16)-(18)
Col (e)	Col (b), Line (15) ÷ 12	(14) Sum Lines (7)-(12)	(20) Line (19) ÷ 6
Col (f)	Line (20)	(15) Line (13) + Line (14)	(21) Col (b), Line (15) ÷ 12
Col (g)	Col (e) + Col (f)	(16) Col (i), Line (13)	(22) Line (21) x 10%
Col (h)	Col (c)	(17) Col (b), Line (14)	(23) If Line (20) > Line (22), apply 6 month adjustment
Col (i)	Col (g) - Col (h)	(18) Col (e), Line (14) x -1	



National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis including 30% Deferral

**Residential Heating:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$86.42	\$90.63	\$4.21	\$107.20		\$107.20	\$90.63	\$16.57
(2) December	102	\$149.67	\$157.60	\$7.94	\$107.20		\$107.20	\$157.60	(\$50.40)
(3) January	143	\$203.69	\$214.83	\$11.13	\$107.20		\$107.20	\$214.83	(\$107.63)
(4) February	157	\$222.14	\$234.36	\$12.22	\$107.20		\$107.20	\$234.36	(\$127.16)
(5) March	136	\$194.47	\$205.05	\$10.58	\$107.20		\$107.20	\$205.05	(\$97.85)
(6) April	93	\$137.80	\$145.04	\$7.24	\$107.20		\$107.20	\$145.04	(\$37.84)
(7) May	51	\$79.22	\$83.19	\$3.97	\$107.20	\$0.00	\$107.20	\$83.19	\$24.01
(8) June	28	\$50.38	\$52.55	\$2.18	\$107.20	\$0.00	\$107.20	\$52.55	\$54.65
(9) July	20	\$40.33	\$41.89	\$1.56	\$107.20	\$0.00	\$107.20	\$41.89	\$65.31
(10) August	18	\$37.84	\$39.24	\$1.40	\$107.20	\$0.00	\$107.20	\$39.24	\$67.96
(11) September	19	\$39.08	\$40.57	\$1.48	\$107.20	\$0.00	\$107.20	\$40.57	\$66.63
(12) October	24	\$45.36	\$47.24	\$1.88	\$107.20	\$0.00	\$107.20	\$47.24	\$59.96
(13) Nov - Apr		\$994.20	\$1,047.51	\$53.31	\$643.21		\$643.21	\$1,047.51	(\$404.30)
(14) May - Oct		\$292.22	\$304.68	\$12.46	\$643.21		\$643.21	\$304.68	\$338.53
(15) Total	845	\$1,286.41	\$1,352.19	\$65.77	\$1,286.41		\$1,286.41	\$1,352.19	(\$65.77)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$404.30	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$53.31	
(20) 6 Month Adjustment			\$8.88	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$64.23	\$67.31	\$3.09	\$79.64		\$79.64	\$67.31	\$12.33
(2) December	102	\$111.14	\$116.97	\$5.82	\$79.64		\$79.64	\$116.97	(\$37.33)
(3) January	143	\$151.22	\$159.38	\$8.16	\$79.64		\$79.64	\$159.38	(\$79.74)
(4) February	157	\$164.91	\$173.87	\$8.96	\$79.64		\$79.64	\$173.87	(\$94.23)
(5) March	136	\$144.38	\$152.13	\$7.76	\$79.64		\$79.64	\$152.13	(\$72.50)
(6) April	93	\$102.35	\$107.65	\$5.30	\$79.64		\$79.64	\$107.65	(\$28.01)
(7) May	51	\$58.87	\$61.78	\$2.91	\$79.64	\$0.00	\$79.64	\$61.78	\$17.86
(8) June	28	\$37.48	\$39.08	\$1.59	\$79.64	\$0.00	\$79.64	\$39.08	\$40.56
(9) July	20	\$30.03	\$31.18	\$1.14	\$79.64	\$0.00	\$79.64	\$31.18	\$48.46
(10) August	18	\$28.18	\$29.21	\$1.03	\$79.64	\$0.00	\$79.64	\$29.21	\$50.43
(11) September	19	\$29.10	\$30.20	\$1.09	\$79.64	\$0.00	\$79.64	\$30.20	\$49.44
(12) October	24	\$33.76	\$35.13	\$1.38	\$79.64	\$0.00	\$79.64	\$35.13	\$44.50
(13) Nov - Apr		\$738.22	\$777.31	\$39.09	\$477.83		\$477.83	\$777.31	(\$299.48)
(14) May - Oct		\$217.43	\$226.57	\$9.14	\$477.83		\$477.83	\$226.57	\$251.26
(15) Total	845	\$955.66	\$1,003.88	\$48.22	\$955.66		\$955.66	\$1,003.88	(\$48.22)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$299.48	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$39.09	
(20) 6 Month Adjustment			\$6.51	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis including 40% Deferral

**Residential Heating:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$86.42	\$90.08	\$3.66	\$107.20		\$107.20	\$90.08	\$17.12
(2) December	102	\$149.67	\$156.56	\$6.90	\$107.20		\$107.20	\$156.56	(\$49.36)
(3) January	143	\$203.69	\$213.36	\$9.67	\$107.20		\$107.20	\$213.36	(\$106.16)
(4) February	157	\$222.14	\$232.76	\$10.62	\$107.20		\$107.20	\$232.76	(\$125.56)
(5) March	136	\$194.47	\$203.66	\$9.19	\$107.20		\$107.20	\$203.66	(\$96.46)
(6) April	93	\$137.80	\$144.09	\$6.29	\$107.20		\$107.20	\$144.09	(\$36.89)
(7) May	51	\$79.22	\$82.68	\$3.45	\$107.20	\$0.00	\$107.20	\$82.68	\$24.52
(8) June	28	\$50.38	\$52.27	\$1.89	\$107.20	\$0.00	\$107.20	\$52.27	\$54.94
(9) July	20	\$40.33	\$41.68	\$1.35	\$107.20	\$0.00	\$107.20	\$41.68	\$65.52
(10) August	18	\$37.84	\$39.05	\$1.22	\$107.20	\$0.00	\$107.20	\$39.05	\$68.15
(11) September	19	\$39.08	\$40.37	\$1.29	\$107.20	\$0.00	\$107.20	\$40.37	\$66.83
(12) October	24	\$45.36	\$46.98	\$1.62	\$107.20	\$0.00	\$107.20	\$46.98	\$60.22
(13) Nov - Apr		\$994.20	\$1,040.52	\$46.32	\$643.21		\$643.21	\$1,040.52	(\$397.31)
(14) May - Oct		\$292.22	\$303.03	\$10.81	\$643.21		\$643.21	\$303.03	\$340.17
(15) Total	845	\$1,286.41	\$1,343.55	\$57.13	\$1,286.41		\$1,286.41	\$1,343.55	(\$57.13)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$397.31	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$46.32	
(20) 6 Month Adjustment			\$7.72	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> (Therms) (a)	<u>2019-20 Actual</u> Bill (b)	<u>2020-21</u> Proposed Bill (c)	<u>2019-20 Billing</u> vs. 2020-21 Billing (d)	<u>Initial 2020-21</u> Budget Billing (e)	<u>6 Month</u> Adjustment (f)	<u>Reset 2020-21</u> Budget Billing (g)	<u>2020-21</u> Proposed Bill (h)	<u>Budget Billing vs.</u> Monthly 2020-21 Billing (i)
(1) November	54	\$64.23	\$66.91	\$2.68	\$79.64		\$79.64	\$66.91	\$12.73
(2) December	102	\$111.14	\$116.21	\$5.06	\$79.64		\$79.64	\$116.21	(\$36.57)
(3) January	143	\$151.22	\$158.32	\$7.10	\$79.64		\$79.64	\$158.32	(\$78.68)
(4) February	157	\$164.91	\$172.70	\$7.79	\$79.64		\$79.64	\$172.70	(\$93.06)
(5) March	136	\$144.38	\$151.13	\$6.75	\$79.64		\$79.64	\$151.13	(\$71.49)
(6) April	93	\$102.35	\$106.96	\$4.62	\$79.64		\$79.64	\$106.96	(\$27.32)
(7) May	51	\$58.87	\$61.40	\$2.53	\$79.64	\$0.00	\$79.64	\$61.40	\$18.24
(8) June	28	\$37.48	\$38.87	\$1.38	\$79.64	\$0.00	\$79.64	\$38.87	\$40.77
(9) July	20	\$30.03	\$31.02	\$0.99	\$79.64	\$0.00	\$79.64	\$31.02	\$48.61
(10) August	18	\$28.18	\$29.07	\$0.89	\$79.64	\$0.00	\$79.64	\$29.07	\$50.57
(11) September	19	\$29.10	\$30.05	\$0.94	\$79.64	\$0.00	\$79.64	\$30.05	\$49.59
(12) October	24	\$33.76	\$34.95	\$1.19	\$79.64	\$0.00	\$79.64	\$34.95	\$44.69
(13) Nov - Apr		\$738.22	\$772.23	\$34.01	\$477.83		\$477.83	\$772.23	(\$294.40)
(14) May - Oct		\$217.43	\$225.36	\$7.93	\$477.83		\$477.83	\$225.36	\$252.47
(15) Total	845	\$955.66	\$997.59	\$41.93	\$955.66		\$955.66	\$997.59	(\$41.93)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$294.40	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$34.01	
(20) 6 Month Adjustment			\$5.67	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d) Col (b) + Col (c) (13) Sum Lines (1)-(6) (19) Sum Lines (16)-(18)  
Col (e) Col (b), Line (15) ÷ 12 (14) Sum Lines (7)-(12) (20) Line (19) ÷ 6  
Col (f) Line (20) (15) Line (13) + Line (14) (21) Col (b), Line (15) ÷ 12  
Col (g) Col (e) + Col (f) (16) Col (i), Line (13) (22) Line (21) x 10%  
Col (h) Col (c) (17) Col (b), Line (14) (23) If Line (20) > Line (22), apply 6 month adjustment  
Col (i) Col (g) - Col (h) (18) Col (e), Line (14) x -1

National Grid - RI Gas  
GCR/DAC as Filed in PUC 1-1  
Residential Heating Budget Billing Analysis including 50% Deferral

**Residential Heating:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$86.42	\$89.52	\$3.10	\$107.20		\$107.20	\$89.52	\$17.68
(2) December	102	\$149.67	\$155.53	\$5.87	\$107.20		\$107.20	\$155.53	(\$48.33)
(3) January	143	\$203.69	\$211.93	\$8.24	\$107.20		\$107.20	\$211.93	(\$104.73)
(4) February	157	\$222.14	\$231.16	\$9.02	\$107.20		\$107.20	\$231.16	(\$123.96)
(5) March	136	\$194.47	\$202.29	\$7.81	\$107.20		\$107.20	\$202.29	(\$95.09)
(6) April	93	\$137.80	\$143.16	\$5.36	\$107.20		\$107.20	\$143.16	(\$35.96)
(7) May	51	\$79.22	\$82.16	\$2.94	\$107.20	\$0.00	\$107.20	\$82.16	\$25.04
(8) June	28	\$50.38	\$51.99	\$1.61	\$107.20	\$0.00	\$107.20	\$51.99	\$55.21
(9) July	20	\$40.33	\$41.48	\$1.14	\$107.20	\$0.00	\$107.20	\$41.48	\$65.72
(10) August	18	\$37.84	\$38.88	\$1.04	\$107.20	\$0.00	\$107.20	\$38.88	\$68.32
(11) September	19	\$39.08	\$40.18	\$1.09	\$107.20	\$0.00	\$107.20	\$40.18	\$67.02
(12) October	24	\$45.36	\$46.74	\$1.38	\$107.20	\$0.00	\$107.20	\$46.74	\$60.46
(13) Nov - Apr		\$994.20	\$1,033.60	\$39.40	\$643.21		\$643.21	\$1,033.60	(\$390.39)
(14) May - Oct		\$292.22	\$301.42	\$9.21	\$643.21		\$643.21	\$301.42	\$341.78
(15) Total	845	\$1,286.41	\$1,335.02	\$48.61	\$1,286.41		\$1,286.41	\$1,335.02	(\$48.61)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$390.39	
(17) May-Oct 2020 Actual Bill			\$292.22	
(18) May-Oct 2021 Budget Billing			(\$643.21)	
(19) Total 12 month Deferral			\$39.40	
(20) 6 Month Adjustment			\$6.57	
(21) Current Budget billing			\$107.20	
(22) 10% Threshold			\$10.72	
(23) Does 6 Month Adj. Exceed Threshold?			No	

**Residential Heating Low Income:**

	<u>Consumption</u> <u>(Therms)</u>	<u>2019-20 Actual</u> <u>Bill</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>2019-20 Billing</u> <u>vs. 2020-21</u> <u>Billing</u>	<u>Initial 2020-21</u> <u>Budget Billing</u>	<u>6 Month</u> <u>Adjustment</u>	<u>Reset 2020-21</u> <u>Budget Billing</u>	<u>2020-21</u> <u>Proposed Bill</u>	<u>Budget Billing vs.</u> <u>Monthly 2020-21</u> <u>Billing</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) November	54	\$64.23	\$66.51	\$2.28	\$79.64		\$79.64	\$66.51	\$13.13
(2) December	102	\$111.14	\$115.45	\$4.31	\$79.64		\$79.64	\$115.45	(\$35.81)
(3) January	143	\$151.22	\$157.26	\$6.04	\$79.64		\$79.64	\$157.26	(\$77.62)
(4) February	157	\$164.91	\$171.53	\$6.63	\$79.64		\$79.64	\$171.53	(\$91.89)
(5) March	136	\$144.38	\$150.12	\$5.74	\$79.64		\$79.64	\$150.12	(\$70.48)
(6) April	93	\$102.35	\$106.27	\$3.93	\$79.64		\$79.64	\$106.27	(\$26.64)
(7) May	51	\$58.87	\$61.02	\$2.15	\$79.64	\$0.00	\$79.64	\$61.02	\$18.62
(8) June	28	\$37.48	\$38.66	\$1.18	\$79.64	\$0.00	\$79.64	\$38.66	\$40.98
(9) July	20	\$30.03	\$30.88	\$0.84	\$79.64	\$0.00	\$79.64	\$30.88	\$48.76
(10) August	18	\$28.18	\$28.94	\$0.76	\$79.64	\$0.00	\$79.64	\$28.94	\$50.70
(11) September	19	\$29.10	\$29.92	\$0.81	\$79.64	\$0.00	\$79.64	\$29.92	\$49.72
(12) October	24	\$33.76	\$34.78	\$1.02	\$79.64	\$0.00	\$79.64	\$34.78	\$44.86
(13) Nov - Apr		\$738.22	\$767.14	\$28.92	\$477.83		\$477.83	\$767.14	(\$289.31)
(14) May - Oct		\$217.43	\$224.19	\$6.76	\$477.83		\$477.83	\$224.19	\$253.64
(15) Total	845	\$955.66	\$991.33	\$35.68	\$955.66		\$955.66	\$991.33	(\$35.68)

**6 Month Reset Calculation**

(16) Nov-Apr Deferral			\$289.31	
(17) May-Oct 2020 Actual Bill			\$217.43	
(18) May-Oct 2021 Budget Billing			(\$477.83)	
(19) Total 12 month Deferral			\$28.92	
(20) 6 Month Adjustment			\$4.82	
(21) Current Budget billing			\$79.64	
(22) 10% Threshold			\$7.96	
(23) Does 6 Month Adj. Exceed Threshold?			No	

Col (d)	Col (b) + Col (c)	(13) Sum Lines (1)-(6)	(19) Sum Lines (16)-(18)
Col (e)	Col (b), Line (15) ÷ 12	(14) Sum Lines (7)-(12)	(20) Line (19) ÷ 6
Col (f)	Line (20)	(15) Line (13) + Line (14)	(21) Col (b), Line (15) ÷ 12
Col (g)	Col (e) + Col (f)	(16) Col (i), Line (13)	(22) Line (21) x 10%
Col (h)	Col (c)	(17) Col (b), Line (14)	(23) If Line (20) > Line (22), apply 6 month adjustment
Col (i)	Col (g) - Col (h)	(18) Col (e), Line (14) x -1	