# **Robinson+Cole**

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Also admitted in Massachusetts

July 1, 2021

### VIA HAND DELIVERY & ELECTRONIC MAIL

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

## RE: National Grid's Gas Revenue Decoupling Mechanism Reconciliation Filing For the Reconciliation Period April 2020 through March 2021 Docket No. 5165

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> enclosed please find the Company's annual Revenue Decoupling Mechanism ("RDM") reconciliation filing for the period April 2020 to March 2021. National Grid submits this filing pursuant to the provisions of the Distribution Adjustment Clause of National Grid's gas tariff, R.I.P.U.C. NG-Gas No. 101, at Section 3, Schedule A, which allows an annual reconciliation of the target revenue-per-customer and the actual revenueper-customer through a Revenue Decoupling Adjustment ("RDA") factor to be included in National Grid's annual Distribution Adjustment Charge ("DAC") filing.

This filing consists of the pre-filed direct testimony and schedules of Ryan M. Scheib. Mr. Scheib provides an overview of National Grid's RDM reconciliation and describes the actual RDM results for the reconciliation period April 2020 through March 2021.

As a result of National Grid's RDM reconciliation, National Grid over-recovered revenue by \$28,178 under its RDM during the reconciliation period. However, the over-recovery is too

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

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Luly E. Massaro, Commission Clerk July 1, 2021 Page 2 of 2

small to derive a billable factor. Therefore, National Grid is proposing to carry this over-recovery balance forward into next year's RDM reconciliation period, which covers April 2021 through March 2022. National Grid is not proposing an RDA factor for effect November 1, 2021. The annual bill impact of the termination of the currently-effective RDA factor on a typical residential heating customer using 845 therms per year is a reduction of \$6.03, or 0.4%.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3359.

Sincerely,

Steven J. Boyajian

Enclosures

cc: Leo Wold, Esq. John Bell, Division

### DIRECT TESTIMONY

OF

**RYAN M. SCHEIB** 

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1	I.	Introduction and Qualifications of Ryan M. Scheib
2	Q.	Please state your name and business address.
3	A.	My name is Ryan M. Scheib. My business address is 40 Sylvan Road, Waltham,
4		Massachusetts 02451.
5		
6	Q.	What is your position at National Grid and your responsibilities within that
7		position?
8	A.	I am a Senior Analyst in the New England Pricing group of the New England Regulation
9		department of National Grid USA Service Company, Inc. ("Service Company"). In this
10		position, I am responsible for preparing and submitting various regulatory filings with the
11		Rhode Island Public Utilities Commission ("PUC") on behalf of The Narragansett
12		Electric Company d/b/a National Grid (the "Company") and the Massachusetts
13		Department of Public Utilities on behalf of Massachusetts Electric Company and
14		Nantucket Electric Company (together, "Mass. Electric").
15		
16	Q.	Please provide your educational background.
17	A.	I received a Bachelor of Science in Finance from University of Delaware in 2016.
18		
19	Q.	Please provide your professional background.
20	A.	In 2016, I joined National Grid as an Associate Analyst in the New England Gas Pricing
21		group and, in 2018, I was promoted to Analyst supporting the gas division of the

1		Company. In 2021, I was promoted to Senior Analyst supporting Mass. Electric, with
2		ongoing responsibilities for pricing responsibilities for the gas division of the Company.
3		
4	Q.	Have you previously testified before the PUC?
5	A.	Yes. I have testified before the PUC in support of the Company's Distribution
6		Adjustment Charge ("DAC") filing in Docket Nos. 4955 and 5040, its 2020 Gas Cost
7		Recovery filing in Docket No. 5066, and in the Company's FY 2021 Gas Infrastructure,
8		Safety, and Reliability Plan filing in Docket No. 4996.
9		
10	II.	Purpose of Testimony
11	Q.	What is the purpose of your testimony?
12	A.	The purpose of my testimony is to present the Company's March 31, 2021 Revenue
13		Decoupling Mechanism ("RDM") reconciliation balance, which will be used to
14		determine the proposed Revenue Decoupling Adjustment ("RDA") factor to be
15		incorporated in the Company's upcoming August 2, 2021 DAC filing. Specifically, I
16		provide an overview of the Company's gas RDM reconciliation and explain the RDM
17		results for the reconciliation period April 1, 2020 through March 31, 2021.
18		
19		This filing is submitted pursuant to the Company's Distribution Adjustment Clause
20		provision contained in its tariff, R.I.P.U.C. NG-GAS No. 101, at Section 3, Schedule A,
21		Sheet 7, subpart 3.7 (Revenue Decoupling Adjustment Factor).

1												
2	Q.	Are you sponsoring any sche	dules with your testimony?									
3	A.	Yes, I am sponsoring the follo	Yes, I am sponsoring the following schedules that accompany my testimony:									
4		Schedule RMS-1	Schedule RMS-1 Annual Gas RDM Reconciliation Balance									
5 6		Schedule RMS-2	Schedule RMS-2Monthly RDM Reconciliation by Rate Class for the Period April 1, 2020 through March 31, 2021									
7 8		Schedule RMS-3	Actual vs. Normal Billing Heating Degree Day Comparison for April 2020 through March 2021									
9		Schedule RMS-4	Target Revenue-Per-Customer by Rate Class									
10												
11	III.	<b>RDM Reconciliation</b>										
12	Q.	Please provide an overview o	of the Company's RDM reconciliation.									
13	A.	In Docket No. 4206, the PUC	approved a Revenue-Per-Customer RDM that provides for									
14		an annual reconciliation, by ra	te class, between a target level of base distribution revenue									
15		and actual base distribution rev	venue billed during the reconciliation period. The									
16		reconciliation is driven by the	comparison of the Actual Revenue-Per-Customer during									
17		the reconciliation period and the	ne Target Revenue-Per-Customer. The reconciliation is									
18		performed on a monthly basis	and covers the Company's fiscal year (the period April 1									
19		through March 31 of the follow	wing year) for all Residential and Small and Medium									
20		Commercial and Industrial ("C&I") firm rate classes. Under the RDM, customers subject										
20		Commercial and Industrial ("C	C&I") firm rate classes. Under the RDM, customers subject									

#### THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID R.I.P.U.C. DOCKET 5165 GAS REVENUE DECOUPLING MECHANISM RECONCILIATION WITNESS: RYAN M. SCHEIB JULY 1, 2021 PAGE 4 OF 8

1		any net under-recovery of target revenue through the RDA factor, which is one of several
2		components of the DAC, effective November 1 each year.
3		
4	Q.	What are the Target Revenue-Per-Customer and the Actual Revenue-Per-
5		Customer?
6	А.	The Target Revenue-Per-Customer is the Revenue-Per-Customer the Company is
7		allowed to earn for each customer in each rate class included in the RDM. The Actual
8		Revenue-Per-Customer is the actual average Revenue-Per-Customer associated with the
9		customers in each rate class included in the RDM based upon the base distribution
10		revenue billed by the Company divided by the actual number of customers billed.
11		
12	Q.	What is the result of the RDM reconciliation presented in this filing?
13	А.	The RDM reconciliation results in a net over-recovery balance of approximately \$28,000
14		for the period April 2020 through March 2021, as shown in Schedule RMS-1.
15		
16	Q.	How did the Company determine the RDM reconciliation balance at the end of
17		March 2021?
18	A.	On a monthly basis and for each rate class, the Company calculated the difference
19		between the Target Revenue-Per-Customer and the Actual Revenue-Per-Customer. If the
20		Actual Revenue-Per-Customer exceeds the Target Revenue-Per-Customer, the Company
21		has over-recovered its RDM target revenue and must credit customers the excess amount.

1		If the Actual Revenue-Per-Customer is less than the Target Revenue-Per-Customer, the
2		Company has under-recovered its RDM target revenue and must surcharge customers the
3		deficiency. Each month's difference between the Actual and Target Revenue-Per-
4		Customers is multiplied by the number of customers billed in the respective month to
5		derive the amount of revenue the Company has either over-recovered or under-recovered
6		for the month. For each month, the monthly revenue over-recovered or under-recovered
7		accumulates and the balance accrues interest, which is also reflected in the final monthly
8		balance. <sup>1</sup> The Company presents this annual reconciliation in Schedule RMS -2.
9		
10	Q.	Has the Target Revenue-Per-Customer changed from last year's filing?
11	A.	No. The Target Revenue-Per-Customer calculated in last year's Revenue Decoupling
12		Mechanism filing in Docket No. 5040 will be used in the calculation of RDM
13		adjustments until new base distribution rates are established for gas service.
14		
15	IV.	Results of the RDM Reconciliation
16	Q.	What are the results of the RDM reconciliation for the year ending March 31, 2021?
17	A.	For the reconciliation period April 2020 through March 2021, the Company has
18		calculated a net over-recovery of target revenue of approximately \$28,000 as summarized
19		in Schedule RMS-1. This net over-recovery would typically be credited to customers

<sup>&</sup>lt;sup>1</sup> Interest on the average monthly balance is calculated at the same interest rate used to calculate interest on the Company's other DAC balances, which is the Bank of America Prime Rate less 200 basis points.

1		included in the RDM through the RDA factor, which the Company would propose to go
2		into effect November 1, 2021 when it submits its DAC filing. However, the over-
3		recovery of \$28,000 is an amount too small to derive a factor. Therefore, the Company
4		proposes to carry this over-recovery forward into next year's RDM reconciliation and
5		calculation of the over- or under- recovery balance in the Company's next annual RDM
6		filing for the reconciliation period April 2021 through March 2022.
7		
8	Q.	How does the Company intend to include the \$28,000 over-recovery calculated in
9		this filing in next year's annual RDM filing?
10	A.	In next year's RDM filing, which will cover the period April 1, 2021 through March 30,
11		2022, the Company will start the reconciliation with a beginning balance of \$28,000 in
12		each of the respective rate class reconciliations and continue to calculate the monthly
13		over- or under- recovery balances over the course of the fiscal year. The monthly over-
14		recovery or under-recovery will accumulate and the balance, including the over-recovery
15		balance presented in this filing, will accrue interest. In next year's RDM filing, the
16		Company will then calculate an RDA factor to credit or surcharge the ending over- or
17		under- recovery balance, which the Company would propose to go into effect November
18		1, 2022 as part of its DAC filing.
19		

# 20 Q. What are the drivers for the net over-recovery?

1	A.	As shown in Schedule RMS/MJP-1, the Company's net over-recovery of \$28,000 was
2		driven by a \$983,000 combined over-recovery for the Residential RDM groups, and a
3		\$955,000 combined under-recovery for the Small and Medium C&I RDM groups. The
4		weather in Fiscal Year 2021 was slightly warmer than normal <sup>4</sup> which, all else being
5		equal, would typically result in lower customer usage. However, the effect of the
6		ongoing global pandemic has likely also impacted customer usage. The Company has
7		observed the impact of the pandemic on its gas usage, with increased residential usage (as
8		evidenced with the over-recovery in the residential non-heating rate classes), with more
9		customers working remotely from home, and lower C&I usage, with businesses closed or
10		opened for reduced hours.
11		
12	V.	Bill Impacts
13	Q.	Did the Company include bill impacts resulting from the RDM reconciliation in this
14		filing?
15	A.	No, the Company is not presenting bill impact information at this time. Because the
16		Company will not be proposing an RDA factor here or in the DAC filing, and the bill
17		impact of the currently-effective RDA factor terminating on and after November 1, 2021
17		
17		on a stand-alone basis provides limited information as to the cumulative impact of the

<sup>&</sup>lt;sup>4</sup> Overall, FY 2021 weather was approximately 3.3 percent warmer than normal, but 2.7 percent colder than FY 2020, as illustrated in Schedule RMS-3.

#### THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID R.I.P.U.C. DOCKET 5165 GAS REVENUE DECOUPLING MECHANISM RECONCILIATION WITNESS: RYAN M. SCHEIB JULY 1, 2021 PAGE 8 OF 8

1		Rather, the Company will submit bill impacts for the cumulative impact of all of its
2		proposed DAC factors, including the RDA factor, with its August 2, 2021 DAC filing.
3		
4	Q.	Does this conclude your testimony?
5	A.	Yes.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5165 Schedule RMS-1 Page 1 of 1

# The Narragansett Electric Company Annual Gas RDM Reconciliation Balance Under (Over) Recovery of Target Revenue

(1)	Residential Non-Heat (incl Low Income)	(\$242,799)
(2)	Residential Heat (incl Low Income)	(\$740,535)
(3)	Small C&I	\$717,528
(4)	Medium C&I	\$237,629
(5)	FY 2021 Net Over Recovery of Target Revenue	(\$28,178)

- (1) Schedule RMS-2, Page 1, Column (1), Line (40)
- (2) Schedule RMS-2, Page 2, Column (1), Line (80)
- (3) Schedule RMS-2, Page 3, Column (1), Line (94)
- (4) Schedule RMS-2, Page 3, Column (1), Line (108)
- (5) Sum [Lines (1):(4)]

RDM Reconciliation by Rate Class by Month

		<u>Apr-20</u> 30	<u>May-20</u>	Jun-20	Jul-20	<u>Aug-20</u> 31	<u>Sep-20</u> 30	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	<u>Mar-21</u>
		50 (a)	31 (b)	30 (c)	31 (d)	51 (e)	50 (f)	31 (g)	30 (h)	31 (i)	31 (j)	28 (k)	31 (l)
		(a)	(0)	(0)	(u)	(0)	(1)	(g)	(11)	(1)	0	(K)	(1)
	Residential Non-Heat												
(1)	Benchmark Revenue Per Customer (RPC)	\$28.44	\$23.10	\$19.85	\$18.69	\$18.80	\$18.53	\$19.37	\$21.66	\$25.85	\$28.85	\$28.14	\$33.85
(2)	Beginning Balance Under/(Over) Recovery	\$0	\$31,676	(\$20,747)	(\$35,226)	(\$39,967)	(\$63,637)	(\$50,836)	(\$51,604)	(\$87,427)	(\$85,703)	(\$159,685)	(\$245,553)
(3)	Actual Number of Customers	16,539	16,562	16,554	16,158	16,148	16,140	16,164	16,149	16,163	16,079	16,084	16,052
(4)	Actual Base Revenue	\$438,709	\$435,011	\$343,047	\$306,694	\$327,198	\$286,215	\$313,811	\$385,538	\$415,999	\$537,731	\$538,278	\$495,337
(5)	Revenue Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(6)	Adjusted Base Revenue	\$438,709	\$435,011	\$343,047	\$306,694	\$327,198	\$286,215	\$313,811	\$385,538	\$415,999	\$537,731	\$538,278	\$495,337
(7)	Actual Base Revenue Per Customer	\$26.53	\$26.27	\$20.72	\$18.98	\$20.26	\$17.73	\$19.41	\$23.87	\$25.74	\$33.44	\$33.47	\$30.86
(8)	RPC Variance (Benchmark- Actual)	\$1.91	(\$3.17)	(\$0.87)	(\$0.29)	(\$1.46)	\$0.80	(\$0.04)	(\$2.21)	\$0.11	(\$4.59)	(\$5.33)	\$2.99
(9)	Monthly Under/(Over) Recovery of RPC	\$31,660	(\$52,429)	(\$14,450)	(\$4,701)	(\$23,616)	\$12,859	(\$714)	(\$35,751)	\$1,815	(\$73,852)	(\$85,674)	\$48,023
(10)	Preliminary Ending Balance	\$31,660	(\$20,753)	(\$35,197)	(\$39,927)	(\$63,582)	(\$50,777)	(\$51,550)	(\$87,355)	(\$85,612)	(\$159,555)	(\$245,359)	(\$197,530)
(11) (12)	Average Balance Bk America Rate less 200 Basis Points	\$15,830 1.25%	\$5,462 1.25%	(\$27,972) 1.25%	(\$37,576) 1.25%	(\$51,774) 1.25%	(\$57,207) 1.25%	(\$51,193) 1.25%	(\$69,480) 1.25%	(\$86,519) 1.25%	(\$122,629) 1.25%	(\$202,522) 1.25%	(\$221,541) 1.25%
(12)	Interest Applied	\$16	1.23% \$6	(\$29)	(\$40)	(\$55)	(\$59)	(\$54)	(\$71)	(\$92)	(\$130)	(\$194)	(\$235)
(13)	Ending Balance Under/(Over) Recovery	\$31,676	(\$20,747)	(\$35,226)	(\$40)	(\$63,637)	(\$50,836)	(\$51,604)	(\$87,427)	(\$85,703)	(\$159,685)	(\$245,553)	(\$233)
(14)	Ending Balance Under/(Over) Recovery	\$51,070	(\$20,747)	(\$55,220)	(\$55,507)	(\$05,057)	(\$50,850)	(\$51,004)	(\$67,427)	(\$65,765)	(\$157,005)	(\$245,555)	(\$1)7,704)
	Residential Non-Heat Low Income												
(15)	Benchmark Revenue Per Customer (RPC)	\$28.44	\$23.10	\$19.85	\$18.69	\$18.80	\$18.53	\$19.37	\$21.66	\$25.85	\$28.85	\$28.14	\$33.85
(16)	Beginning Balance Under/(Over) Recovery	\$0	(\$3,844)	(\$9,664)	(\$11,829)	(\$13,159)	(\$14,978)	(\$15,831)	(\$16,835)	(\$20,267)	(\$23,533)	(\$32,415)	(\$41,954)
(17)	Actual Number of Customers	590	593	600	583	586	586	573	615	607	645	653	670
(18)	Actual Base Revenue	20,622	19,512	14,064	12,213	12,820	11,696	12,085	16,734	18,934	27,460	27,879	25,714
(19)	Revenue Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20)	Adjusted Base Revenue	\$20,622	\$19,512	\$14,064	\$12,213	\$12,820	\$11,696	\$12,085	\$16,734	\$18,934	\$27,460	\$27,879	\$25,714
(21)	Actual Base Revenue Per Customer	\$34.95	\$32.90	\$23.44	\$20.95	\$21.88	\$19.96	\$21.09	\$27.21	\$31.19	\$42.57	\$42.69	\$38.38
(22)	RPC Variance (Benchmark- Actual)	(\$6.51)	(\$9.80)	(\$3.59)	(\$2.26)	(\$3.08)	(\$1.43)	(\$1.72)	(\$5.55)	(\$5.34)	(\$13.72)	(\$14.55)	(\$4.53)
(23)	Monthly Under/(Over) Recovery of RPC	(\$3,842)	(\$5,813)	(\$2,154)	(\$1,317)	(\$1,803)	(\$838)	(\$986)	(\$3,413)	(\$3,243)	(\$8,852)	(\$9,504)	(\$3,035)
(24)	Preliminary Ending Balance	(\$3,842)	(\$9,657)	(\$11,818)	(\$13,146)	(\$14,963)	(\$15,815)	(\$16,817)	(\$20,248)	(\$23,510)	(\$32,385)	(\$41,918)	(\$44,989)
(25)	Average Balance	(\$1,921)	(\$6,751) 1.25%	(\$10,741) 1.25%	(\$12,488)	(\$14,061) 1.25%	(\$15,397) 1.25%	(\$16,324) 1.25%	(\$18,541) 1.25%	(\$21,888) 1.25%	(\$27,959) 1.25%	(\$37,167) 1.25%	(\$43,471) 1.25%
(26) (27)	Bk America Rate less 200 Basis Points Interest Applied	1.25% (\$2)	(\$7)	(\$11)	1.25% (\$13)	(\$15)	(\$16)	(\$17)	(\$19)	(\$23)	(\$30)	(\$36)	(\$46)
(27)	Ending Balance Under/(Over) Recovery	(\$3,844)	(\$9,664)	(\$11,829)	(\$13,159)	(\$14,978)	(\$15,831)	(\$16,835)	(\$20,267)	(\$23,533)	(\$32,415)	(\$41,954)	(\$45,035)
(20)	Enaling Enalise Childer (Crief) Recovery	(05,011)	(\$9,001)	(011,02))	(010,100))	(011,270)	(010,001)	(\$10,000)	(\$20,207)	(\$25,555)	(002,110)	(011,001)	(\$15,055)
	Residential Non-Heat (incl Low Income)												
(29)	Benchmark Revenue Per Customer (RPC)	\$28.44	\$23.10	\$19.85	\$18.69	\$18.80	\$18.53	\$19.37	\$21.66	\$25.85	\$28.85	\$28.14	\$33.85
(30)	Beginning Balance Under/(Over) Recovery	\$0	\$27,832	(\$30,412)	(\$47,055)	(\$53,126)	(\$78,615)	(\$66,667)	(\$68,439)	(\$107,693)	(\$109,236)	(\$192,099)	(\$287,507)
(31)	Actual Number of Customers	17,129	17,155	17,154	16,741	16,734	16,726	16,737	16,764	16,770	16,724	16,737	16,722
(32)	Adjusted Base Revenue	\$459,331	\$454,523	\$357,111	\$318,907	\$340,018	\$297,911	\$325,896	\$402,272	\$434,933	\$565,191	\$566,157	\$521,052
(33)	Actual Base Revenue Per Customer	\$26.82	\$26.50	\$20.82	\$19.05	\$20.32	\$17.81	\$19.47	\$24.00	\$25.94	\$33.80	\$33.83	\$31.16
(34)	RPC Variance (Benchmark- Actual)	\$1.62	(\$3.40)	(\$0.97)	(\$0.36)	(\$1.52)	\$0.72	(\$0.10)	(\$2.34)	(\$0.09)	(\$4.95)	(\$5.69)	\$2.69
(35)	Monthly Under/(Over) Recovery of RPC	\$27,818	(\$58,243)	(\$16,604)	(\$6,018)	(\$25,419)	\$12,022	(\$1,700)	(\$39,164)	(\$1,428)	(\$82,704)	(\$95,178)	\$44,988
(36)	Preliminary Ending Balance	\$27,818	(\$30,410)	(\$47,015)	(\$53,073)	(\$78,545)	(\$66,593)	(\$68,367)	(\$107,603)	(\$109,121)	(\$191,940)	(\$287,277)	(\$242,518)
(37) (38)	Average Balance Bk America Rate less 200 Basis Points	\$13,909 1.25%	(\$1,289) 1.25%	(\$38,713) 1.25%	(\$50,064) 1.25%	(\$65,835) 1.25%	(\$72,604) 1.25%	(\$67,517) 1.25%	(\$88,021) 1.25%	(\$108,407) 1.25%	(\$150,588) 1.25%	(\$239,688) 1.25%	(\$265,012) 1.25%
(38)	Interest Applied	\$14	(\$1)	(\$40)	(\$53)	(\$70)	(\$74)	(\$71)	(\$90)	(\$115)	(\$159)	(\$229)	(\$281)
(40)	Ending Balance Under/(Over) Recovery	\$27,832	(\$30,412)	(\$47,055)	(\$53,126)	(\$78,615)	(\$66,667)	(\$68,439)	(\$107,693)	(\$109,236)		(\$287,507)	(\$242,799)
(40)	Ending Balance Onder/(Over) Recovery	<i>\$21,052</i>	(\$50,412)	(\$47,055)	(\$55,120)	(\$70,015)	(\$00,007)	(\$00,457)	(\$107,055)	(\$107,250)	(\$1)2,0)))	(\$207,507)	(4242,777)
	(1) RMS-4, Line (4) (9) Line (3) x Line (8)		(17) Company's	billing system		(25) [Line (16)	+ Line (24)] ÷ 2		(33) Line (32)	÷ Line (31)			
	(2) Line (14)	(10) Line (2)	- Line (9)			billing system			x Line (26)] ÷ 3	65 x # days	(34) Line (29)	- Line (33)	
	(3) Company's billing system	(11) [Line (2)	+ Line (10)] ÷ 2		(20) Line (18) +	. ,		(28) Line (24) -	. ,			* Line (34)	
	(4) Company's billing system		) x Line (12)] ÷ 36	5 x # days	(21) Line (20) ÷			(29) RMS-4, Li	ine (4)			+ Line (35)	
	(6) Line $(4)$ + Line $(5)$		+ Line (13)		(22) Line (15) -			(30) Line (40)				) + Line (36)] -	
	(7) Line (6) $\div$ Line (3)	(15) RMS-4, I			(23) Line (17) x			(31) Line (3) +				) x Line (38)] ÷	365 x # days
	(8) Line (1) - Line (7) (16) Line (28) (24)			(24) Line (16) +	- Line (23)		(32) Line (6) +	Line (20)		(40) Line (36)	+ Line (39)		

RDM Reconciliation by Rate Class by Month

		<u>Apr-20</u> 30	<u>May-20</u> 31	Jun-20 30	Jul-20 31	<u>Aug-20</u> 31	<u>Sep-20</u> 30	<u>Oct-20</u> 31	<u>Nov-20</u> 30	Dec-20 31	Jan-21 31	Feb-21 28	<u>Mar-21</u> 31
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
	Residential Heating												
(41)	Benchmark Revenue Per Customer (RPC)	\$67.82	\$40.28	\$28.40	\$24.23	\$23.28	\$24.40	\$26.86	\$46.24	\$74.10	\$98.40	\$106.42	\$94.39
(42)	Beginning Balance Under/(Over) Recovery	\$0	\$239,117	(\$2,943,414)	(\$2,993,635)	(\$2,828,961)	(\$2,960,578)	(\$2,534,211)	(\$2,361,938)		(\$99,667)	(\$443,293)	
(43)	Actual Number of Customers	210,207	209,748	209,557 5,998,600	209,367	209,537	209,564	210,388	211,385	212,300	212,518	212,545	212,308
(44) (45)	Actual Base Revenue Revenue Adjustment	14,017,244 \$0	11,629,750 \$0	5,998,600 \$0	4,905,207 \$0	5,006,575 \$0	4,684,181 \$0	5,476,159 \$0	9,097,466 \$0	14,143,116 \$0	21,255,110 \$0	23,248,314 \$0	19,476,256 \$0
(45)	Adjusted Base Revenue	\$14,017,244	\$0 \$11,629,750	\$0 \$5,998,600	\$0 \$4,905,207	\$5,006,575	\$4,684,181	\$0 \$5,476,159	\$0 \$9,097,466	\$0 \$14,143,116	\$21,255,110		\$0 \$19,476,256
(40)	Actual Base Revenue Per Customer	\$14,017,244	\$55.45	\$28.63	\$4,903,207	\$23.89	\$22.35	\$26.03	\$9,097,400	\$66.62	\$100.02	\$109.38	\$19,470,230
(48)	RPC Variance (Benchmark- Actual)	\$1.14	(\$15.17)	(\$0.23)	\$0.80	(\$0.61)	\$2.05	\$0.83	\$3.20	\$7.48	(\$1.62)	(\$2.96)	\$2.65
(49)	Monthly Under/(Over) Recovery of RPC	\$238,995	(\$3,181,101)	(\$47,181)	\$167,755	(\$128,554)	\$429,181	\$174,863	\$676,976	\$1,588,314	(\$343,339)	(\$629,275)	\$563,496
(50)	Preliminary Ending Balance	\$238,995	(\$2,941,983)	(\$2,990,595)	(\$2,825,880)	(\$2,957,515)	(\$2,531,397)	(\$2,359,348)	(\$1,684,962)	(\$98,722)	(\$443,006)	(\$1,072,568)	(\$509,797)
(51)	Average Balance	\$119,497	(\$1,351,433)	(\$2,967,005)	(\$2,909,758)	(\$2,893,238)	(\$2,745,988)	(\$2,446,779)	(\$2,023,450)	(\$892,879)	(\$271,336)	(\$757,930)	(\$791,545)
(52)	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(53)	Interest Applied	\$122	(\$1,431)	(\$3,040)	(\$3,081)	(\$3,063)	(\$2,814)	(\$2,591)	(\$2,073)	(\$945)	(\$287)	(\$725)	(\$838)
(54)	Ending Balance Under/(Over) Recovery	\$239,117	(\$2,943,414)	(\$2,993,635)	(\$2,828,961)	(\$2,960,578)	(\$2,534,211)	(\$2,361,938)	(\$1,687,035)	(\$99,667)	(\$443,293)	(\$1,073,293)	(\$510,635)
(55)	Residential Heating - Low Income	\$C7.93	640.29	£28.40	624.22	602.00	624.40	626.96	646.24	\$74.10	¢00.40	¢106.42	¢04.20
(55) (56)	Benchmark Revenue Per Customer (RPC)	\$67.82 \$0	\$40.28 \$6,844	\$28.40 (\$309,743)	\$24.23 (\$330,335)	\$23.28 (\$318,735)	\$24.40 (\$347,362)	\$26.86 (\$368,506)	\$46.24 (\$368,528)	\$74.10 (\$360,567)	\$98.40 (\$230,606)	\$106.42 (\$325,075)	\$94.39 (\$320,985)
(50)	Beginning Balance Under/(Over) Recovery Actual Number of Customers	20.199	\$0,844 20.478	(\$309,743) 20.478	(\$330,333) 20,959	(\$518,753) 20,703	(\$347,362) 20.679	20.013	(\$508,528) 19,511	(\$500,567) 18,761	(\$230,606) 18,571	(\$525,075) 18.824	(\$320,983) 19,219
(58)	Actual Number of Customers	1,363,055	1,141,281	601,840	495,893	510,240	525,346	537,181	893,854	1,259,916	1,921,562	1,998,851	1,722,706
(59)	Revenue Adjustment	\$0	\$0	\$0 \$0	\$0	\$0	525,540 \$0	\$0	\$0	\$0	\$0	\$0	\$0
(60)	Adjusted Base Revenue	\$1,363,055	\$1,141,281	\$601,840	\$495,893	\$510,240	\$525,346	\$537,181	\$893,854	\$1,259,916	\$1,921,562	\$1,998,851	\$1,722,706
(61)	Actual Base Revenue Per Customer	\$67.48	\$55.73	\$29.39	\$23.66	\$24.65	\$25.40	\$26.84	\$45.81	\$67.16	\$103.47	\$106.19	\$89.64
(62)	RPC Variance (Benchmark- Actual)	\$0.34	(\$15.45)	(\$0.99)	\$0.57	(\$1.37)	(\$1.00)	\$0.02	\$0.43	\$6.94	(\$5.07)	\$0.23	\$4.75
(63)	Monthly Under/(Over) Recovery of RPC	\$6,841	(\$316,427)	(\$20,265)	\$11,944	(\$28,274)	(\$20,778)	\$368	\$8,335	\$130,274	(\$94,175)	\$4,400	\$91,376
(64)	Preliminary Ending Balance	\$6,841	(\$309,582)	(\$330,008)	(\$318,392)	(\$347,009)	(\$368,140)	(\$368,138)	(\$360,194)	(\$230,293)	(\$324,781)	(\$320,676)	(\$229,609)
(65)	Average Balance	\$3,420	(\$151,369)	(\$319,875)	(\$324,364)	(\$332,872)	(\$357,751)	(\$368,322)	(\$364,361)	(\$295,430)	(\$277,694)	(\$322,876)	(\$275,297)
(66)	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(67)	Interest Applied	\$4	(\$160)	(\$328)	(\$343)	(\$352)	(\$367)	(\$390)	(\$373)	(\$313)	(\$294)	(\$309)	(\$291)
(68)	Ending Balance Under/(Over) Recovery	\$6,844	(\$309,743)	(\$330,335)	(\$318,735)	(\$347,362)	(\$368,506)	(\$368,528)	(\$360,567)	(\$230,606)	(\$325,075)	(\$320,985)	(\$229,900)
	Residential Heat (incl Low Income)												
(69)	Benchmark Revenue Per Customer (RPC)	\$67.82	\$40.28	\$28.40	\$24.23	\$23.28	\$24.40	\$26.86	\$46.24	\$74.10	\$98.40	\$106.42	\$94.39
(70)	Beginning Balance Under/(Over) Recovery	\$0	\$245,962	(\$3,253,157)	(\$3,323,970)	(\$3,147,696)	(\$3,307,940)	(\$2,902,717)	(\$2,730,467)	(\$2,047,602)	(\$330,273)	(\$768,368)	(\$1,394,277)
(71)	Actual Number of Customers	230,406	230,226	230,035	230,326	230,240	230,243	230,401	230,896	231,061	231,089	231,369	231,527
(72)	Adjusted Base Revenue	\$15,380,299	\$12,771,030	\$6,600,440	\$5,401,100	\$5,516,815	\$5,209,527	\$6,013,340	\$9,991,320	\$15,403,033	\$23,176,671		\$21,198,962
(73)	Actual Base Revenue Per Customer	\$66.75	\$55.47	\$28.69	\$23.45	\$23.96	\$22.63	\$26.10	\$43.27	\$66.66	\$100.29	\$109.12	\$91.56
(74)	RPC Variance (Benchmark- Actual)	\$1.07	(\$15.19)	(\$0.29)	\$0.78	(\$0.68)	\$1.77	\$0.76	\$2.97	\$7.44	(\$1.89)	(\$2.70)	\$2.83
(75)	Monthly Under/(Over) Recovery of RPC	\$245,836	(\$3,497,527)	(\$67,446)	\$179,699	(\$156,828)	\$408,402	\$175,231	\$685,311	\$1,718,587	(\$437,514)	(\$624,876)	\$654,872
(76)	Preliminary Ending Balance	\$245,836	(\$3,251,566)	(\$3,320,603)	(\$3,144,272)	(\$3,304,524)	(\$2,899,537)	(\$2,727,486)	(\$2,045,156)	(\$329,015)	(\$767,787)	(\$1,393,244)	(\$739,406)
(77)	Average Balance Bk America Rate less 200 Basis Points	\$122,918 1.25%	(\$1,502,802) 1.25%	(\$3,286,880) 1.25%	(\$3,234,121) 1.25%	(\$3,226,110) 1.25%	(\$3,103,738) 1.25%	(\$2,815,102) 1.25%	(\$2,387,811) 1.25%	(\$1,188,309) 1.25%	(\$549,030) 1.25%	(\$1,080,806) 1.25%	(\$1,066,842) 1.25%
(78) (79)	Interest Applied	\$126	(\$1,591)	(\$3,368)	(\$3,424)	(\$3,416)	(\$3,180)	(\$2,980)	(\$2,447)	(\$1,258)	(\$581)	(\$1,034)	(\$1,130)
(80)	Ending Balance Under/(Over) Recovery	\$245,962	(\$3,253,157)	(\$3,323,970)	(\$3,147,696)	(\$3,307,940)	(\$2,902,717)	(\$2,730,467)	(\$2,047,602)	(\$330,273)		(\$1,394,277)	(\$740,535)
(00)	Ending Bulance Onder/(Over) Recovery	\$245,762	(\$5,255,157)	(\$5,525,770)	(\$5,147,050)	(\$5,507,740)	(\$2,702,717)	(\$2,750,407)	(\$2,047,002)	(\$550,275)	(\$700,500)	(\$1,574,277)	(\$740,555)
	(41) RMS-4, Line (8) (49) Line (43) x Line (48) (57)			(57) Company's billing system			(65) [Line (56)	+ Line (64)] ÷ 2	2	(73) Line (72	) ÷ Line (71)		
	(42) Line (54)	(50) Line (42)	+ Line (49)			s billing system		(67) [Line (65)	x Line (66)] ÷ 3	365 x # days	(74) Line (69	) - Line (73)	
	(43) Company's billing system	(51) [Line (42)	+ Line (50)] ÷ 2		(60) Line (58)	+ Line (59)		(68) Line (64)	. ,		(75) Line (74	) x Line (71)	
	(44) Company's billing system		x Line (52)] ÷ 3	65 x # days	(61) Line (60)			(69) RMS-4, L	ine (8)			) + Line (75)	
	(46) Line (44) + Line (45)	(54) Line (50)			(62) Line (55)			(70) Line (80)				)) + Line (76)]	
	(47) Line (46) $\div$ Line (43)	(55) RMS-4, L	ine (8)		(63) Line (57)			(71) Line (43)	. ,				÷ 365 x # days
(48) $\text{Line}(41) - \text{Line}(47)$ (56) $\text{Line}(68)$ (64) $\text{Line}(56) + \text{Line}(63)$					(72) Line (46) + Line (60) (80) Line (76) + Line (79)								

RDM Reconciliation by Rate Class by Month

		<u>Apr-20</u> 30	<u>May-20</u> 31	<u>Jun-20</u> 30	<u>Jul-20</u> 31	<u>Aug-20</u> 31	<u>Sep-20</u> 30	<u>Oct-20</u> 31	<u>Nov-20</u> 30	Dec-20 31	<u>Jan-21</u> 31	<u>Feb-21</u> 28	<u>Mar-21</u> 31
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
	Small C&I	\$100 Fr									*****	A150.05	A100 11
(81)	Benchmark Revenue Per Customer (RPC)	\$100.56 \$0	\$56.18 \$228,090	\$45.13	\$37.35 \$95,494	\$36.41 \$171,609	\$38.45 \$184,784	\$41.23 \$305,273	\$62.24 \$357,494	\$111.42 \$430,554	\$144.91 \$873,135	\$150.97	\$139.11 \$717,364
(82)	Beginning Balance Under/(Over) Recovery			(\$25,545) 19,075								\$976,552	
(83)	Actual Number of Customers	19,221	19,171		19,037	19,063	19,122	19,117	19,239	20,116	20,153	19,361	19,355
(84)	Actual Base Revenue	1,704,890	1,330,769	739,852	635,058	681,097	615,003	736,324	1,124,779	1,799,433	2,817,934	3,175,174	2,693,070
(85)	Revenue Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,753	\$0
(86)	Adjusted Base Revenue	1,704,890	1,330,769	739,852	635,058	681,097	615,003	736,324	1,124,779	1,799,433	2,817,934	3,182,927	2,693,070
(87)	Actual Base Revenue Per Customer	\$88.70	\$69.42	\$38.79	\$33.36	\$35.73	\$32.16	\$38.52	\$58.46	\$89.45	\$139.83	\$164.40	\$139.14
(88)	RPC Variance (Benchmark- Actual)	\$11.86	(\$13.24)	\$6.34	\$3.99	\$0.68	\$6.29	\$2.71	\$3.78	\$21.97	\$5.08	(\$13.43)	(\$0.03)
(89)	Monthly Under/(Over) Recovery of RPC	\$227,974	(\$253,742)	\$121,003	\$75,974	\$12,987	\$120,238	\$51,870	\$72,657	\$441,891	\$102,438	(\$259,997)	(\$596)
(90)	Preliminary Ending Balance	\$227,974	(\$25,652)	\$95,458	\$171,468	\$184,596	\$305,022	\$357,143	\$430,151	\$872,446	\$975,573	\$716,555	\$716,769
(91)		\$113,987	\$101,219	\$34,957	\$133,481	\$178,102	\$244,903	\$331,208	\$393,822	\$651,500	\$924,354	\$846,553	\$717,067
(92)	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(93)	Interest Applied	\$117	\$107	\$36	\$141	\$189	\$251	\$351	\$404	\$690	\$979	\$810	\$759
(94)	Ending Balance Under/(Over) Recovery	\$228,090	(\$25,545)	\$95,494	\$171,609	\$184,784	\$305,273	\$357,494	\$430,554	\$873,135	\$976,552	\$717,364	\$717,528
	Medium C&I												
(95)	Benchmark Revenue Per Customer (RPC)	\$472.75	\$367.58	\$289.00	\$293.82	\$297.81	\$287.02	\$317.68	\$380.01	\$522.48	\$624.77	\$604.14	\$588.19
(96)	Beginning Balance Under/(Over) Recovery	\$0	\$87,471	(\$97,845)	(\$19,437)	\$185,065	\$331,990	\$578,781	\$717,465	\$733,511	\$921,752	\$836,281	\$358,520
(97)	Actual Number of Customers	5,190	5,190	5,189	5,186	5,141	5,067	5,068	5,075	5,082	5,086	5,093	5,100
(98)	Actual Base Revenue	2,366,146	2,093,051	1,421,153	1,319,336	1,384,389	1,208,006	1,472,004	1,913,248	2,467,879	3,263,981	3,555,217	3,120,975
(99)	Revenue Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(100)	Adjusted Base Revenue	2,366,146	2,093,051	1,421,153	1,319,336	1,384,389	1,208,006	1,472,004	1,913,248	2,467,879	3,263,981	3,555,217	3,120,975
(101)	Actual Base Revenue Per Customer	\$456	\$403	\$274	\$254	\$269	\$238	\$290	\$377	\$486	\$642	\$698	\$612
(102)	RPC Variance (Benchmark- Actual)	\$17	(\$36)	\$15	\$39	\$29	\$49	\$27	\$3	\$37	(\$17)	(\$94)	(\$24)
(103)	Monthly Under/(Over) Recovery of RPC	\$87,426	(\$185,311)	\$78,468	\$204,414	\$146,652	\$246,325	\$137,998	\$15,303	\$187,365	(\$86,401)	(\$478,332)	(\$121,206)
(104)	Preliminary Ending Balance	\$87,426	(\$97,839)	(\$19,377)	\$184,978	\$331,717	\$578,315	\$716,779	\$732,768	\$920,876	\$835,351	\$357,949	\$237,313
(105)	Average Balance	\$43,713	(\$5,184)	(\$58,611)	\$82,770	\$258,391	\$455,153	\$647,780	\$725,117	\$827,193	\$878,551	\$597,115	\$297,917
(106)	Bk America Rate less 200 Basis Points	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(107)	Interest Applied	\$45	(\$5)	(\$60)	\$88	\$274	\$466	\$686	\$743	\$876	\$930	\$571	\$315
(108)	Ending Balance Under/(Over) Recovery	\$87,471	(\$97,845)	(\$19,437)	\$185,065	\$331,990	\$578,781	\$717,465	\$733,511	\$921,752	\$836,281	\$358,520	\$237,629
		(00) I. (01)	L: (07)		(AC) I: (100)		,	100 L. (00)	L: (102)				
	(81) RMS-4, Line (12)	(88) Line (81) - Line (87)			(96) Line (108)		(104) Line (96) + Line (103) (105) [Line (96) + Line (104)] ÷ 2						
	(82) Line (94)		Line (82) + Line (89) (98) Company's billing system			· · · · · · · · · · · · · · · · · · ·	, , , , , ,						
	(83) Company's billing system							107) [Line (105					
	(84) Company's billing system		+ Line (90)] ÷ 2			Line $(98)$ + Line $(99)$ (108) Line $(104)$ + Line $(107)$							
	(85) Company's billing system adjustment		x Line (92)] ÷ 36	2	(101) Line (100)	. ,							
	(86) Line (84) + Line (85)	(94) Line (90) +	. ,		(102) Line (95) -	. ,							
	(87) Line (86) ÷ Line (83)	(95) RMS-4, Line (16) (103) Line (97) x Line (102)											

	Month/Year	Actual Billing Degree Days	Normal Billing Degree Days
		(a)	(b)
(1)	Apr-20	629	669
(2)	May-20	446	328
(3)	Jun-20	120	107
(4)	Jul-20	4	15
(5)	Aug-20	0	1
(6)	Sep-20	17	18
(7)	Oct-20	124	145
(8)	Nov-20	385	423
(9)	Dec-20	676	763
(10)	Jan-21	960	1,025
(11)	Feb-21	1,017	1,031
(12)	Mar-21	878	911
(13)	Total	5,255	5,436
(14)	Degree Day Difference	1	82
(15)	Degree Day Difference (%)	-3.	3%

# Actual vs. Normal Billing Degree Day Comparison for April 2020 - March 2021

Source: Normal Heating Degree Day Report

- (13) Sum [Lines (1):(12)]
- (14) Abs [Column (b), Line (13) Column (a), Line (13)]
- (15) [Column (a), Line (13)  $\div$  Column (b), Line (13)] 1

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5165 Schedule RMS-4 Page 1 of 1

#### Gas Revenue Decoupling Targets Approved in Docket No. 5040

		<u>Apr-20</u> (a)	<u>May-20</u> (b)	<u>Jun-20</u> (c)	<u>Jul-20</u> (d)	<u>Aug-20</u> (e)	<u>Sep-20</u> (f)	Oct-20 (g)	<u>Nov-20</u> (h)	<u>Dec-20</u> (i)	<u>Jan-21</u> (j)	<u>Feb-21</u> (k)	<u>Mar-21</u> (1)	Total (m)
(1)	Residential Non-Heat (incl Low-Incor	. ,	(-)					(8)	~ /		0/		()	. ,
(2)	Number of Customers	18,286	18,218	18,198	17,532	16,963	18,202	18,263	18,319	18,364	18,358	18,349	18,334	
(3)	Actual Revenue	\$519,983	\$420,781	\$361,182	\$327,732	\$318,932	\$337,192	\$353,697	\$396,720	\$474,792	\$529,580	\$516,330	\$620,557	\$5,177,477
(4)	RPC	\$28.44	\$23.10	\$19.85	\$18.69	\$18.80	\$18.53	\$19.37	\$21.66	\$25.85	\$28.85	\$28.14	\$33.85	
(5) Residential Heating (incl Low-Income)														
(6)	Number of Customers	228,665	228,030	227,615	227,807	228,217	224,509	225,664	227,078	227,977	228,494	228,682	228,871	
(7)	Actual Revenue	\$15,508,970	\$9,184,092	\$6,463,856	\$5,518,940	\$5,312,767	\$5,478,848	\$6,060,914	\$10,500,865	\$16,892,215	\$22,483,715	\$24,337,334	\$21,604,114	\$149,346,629
(8)	RPC	\$67.82	\$40.28	\$28.40	\$24.23	\$23.28	\$24.40	\$26.86	\$46.24	\$74.10	\$98.40	\$106.42	\$94.39	
(9)	Small													
(10)	Number of Customers	19,108	19,002	18,893	18,795	18,877	18,529	18,687	18,958	19,127	19,187	19,210	19,224	
(11)	Actual Revenue	\$1,921,498	\$1,067,607	\$852,619	\$702,074	\$687,234	\$712,467	\$770,442	\$1,179,865	\$2,131,114	\$2,780,449	\$2,900,050	\$2,674,221	\$18,379,639
(12)	RPC	\$100.56	\$56.18	\$45.13	\$37.35	\$36.41	\$38.45	\$41.23	\$62.24	\$111.42	\$144.91	\$150.97	\$139.11	
(13)	Medium C&I													
(14)	Number of Customers	5,277	5,265	5,262	5,260	5,182	5,221	5,252	5,258	5,270	5,273	5,277	5,280	
(15)	Actual Revenue	\$2,494,704	\$1,935,323	\$1,520,695	\$1,545,504	\$1,543,246	\$1,498,552	\$1,668,447	\$1,998,082	\$2,753,482	\$3,294,391	\$3,188,043	\$3,105,657	\$26,546,125
(16)	RPC	\$472.75	\$367.58	\$289.00	\$293.82	\$297.81	\$287.02	\$317.68	\$380.01	\$522.48	\$624.77	\$604.14	\$588.19	