

October 9, 2020

BY HAND DELIVERY AND ELECTRONIC MAIL

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

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

Dear Ms. Massaro:

In connection with the above-reference docket, I have enclosed National Grid's¹ Second Revision to its Supplemental Distribution Adjustment ("DAC") filing.²

The Company filed its original DAC filing with the Rhode Island Public Utilities Commission ("PUC") on August 3, 2020 in accordance with the provisions of the DAC Clause of National Grid's gas tariff, RIPUC NG-GAS No. 101, Section 3, Schedule A. The Company filed its Supplemental DAC filing with the PUC on September 1, 2020. The Company also filed with the PUC its Revised Supplemental DAC filing on September 28, 2020. The Company is submitting this Second Revision to its Supplemental DAC filing to address a correction to the fixed hourly peaking supply costs to be reallocated from the Company's Gas Cost Recovery ("GCR") filing to its DAC filing to be recovered through the System Pressure factor, as explained below. In this Second Revision of the Company's Supplemental DAC filing, the Company proposes an adjustment to the proposed revised supplemental DAC factors filed on September 28, 2020 and provides updates to the following DAC components:

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

While responding to data request DIV 4-1 in Docket No. 5066, the Company discovered an error in the calculation of one its supply contracts to be reallocated from the GCR filing to the DAC filing which overstated the amount to be transferred to the DAC filing. Since this supply contract is confidential, this error is described in detail in the Company's Second Revision to its GCR filing filed on October 9, 2020. In this revised filing, the Company has reduced the total amount of fixed costs reallocated to the System Pressure factor to reflect the updated incremental supply and transportation capacity that will support the peak hour needs of the Company's distribution system.

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

² The Company has included all of the DAC schedules with this filing to ensure that the PUC has a complete set of the components and their associated proposed factors comprising the DAC factors and for ease of reference.

As reflected in Schedule RMS/MJP-2S Second Revision, the revised total fixed cost amount reallocated to the DAC is \$6.1 million, resulting in a revised System Pressure Factor of \$0.0154 per therm.

2. Low Income Discount Recovery Factor (“LIDRF”)

As explained in the Company’s Supplemental DAC Filing filed on September 1, 2020, the LIDRF is determined annually based upon the estimated annual amount of low income discounts applied to eligible customers’ bills receiving service on Rates 11 and 13. The Company has updated the estimated annual discount amount based on the Second Revision of its Supplemental DAC³ factors proposed in this filing.

As seen in Schedule RMS/MJP-13 Second Revision, the Company is proposing a revised estimated annual low income discount of \$6,119,893, which is a decrease of approximately \$25,000 from the estimated annual low income discount presented in the Company’s Revised Supplemental filing filed on September 28, 2020. This revision to the estimated discount amount is too small to have an impact on the calculation of the proposed LIDRF presented in the Revised Supplemental DAC filing for the 12 months beginning November 1, 2020.

3. Revised Bill Impact Analysis

Schedule RMS/MJP-15 Second Revision sets forth the annual impact of the changes in the DAC Factors proposed in this filing on customers’ bills at various levels of consumption for the Company’s rate classes. For an average Residential Heating customer utilizing 845 therms annually, the impact of the proposed revised DAC Factor results in an annual increase of \$53.74 (an increase of \$52.13 in the revised DAC factor and \$1.61 in Gross Earnings Tax), or 4.2 percent.

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

Very truly yours,



Raquel J. Webster

Enclosures

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

³ The correction did not impact the GCR proposed in Docket 5066 on September 28, 2020.

Schedules of Ryan M. Scheib and Michael J. Pini

Schedule RMS/MJP-1S Second Revision	Summary of DAC Factors
Schedule RMS/MJP-2S Second Revision	System Pressure Factor
Schedule RMS/MJP-3	Advanced Gas Technology Program Factor
Schedule RMS/MJP-4	Environmental Response Cost Factor
Schedule RMS/MJP-5	Pensions and Postretirement Benefits Other than Pensions Factor
Schedule RMS/MJP-6	Arrearage Management Adjustment Factor
Schedule RMS/MJP-7	Revenue Decoupling Adjustment Factor
Schedule RMS/MJP-8S	ISR Reconciliation Factors
Schedule RMS/MJP-9 Revised	Service Quality Factor
Schedule RMS/MJP-10S	Reconciliation Factors
Schedule RMS/MJP-11	Reconciliations for FY 20
Schedule RMS/MJP-12	Earnings Sharing Mechanism Factor
Schedule RMS/MJP-13 Second Revision	Low Income Discount Recovery Factor
Schedule RMS/MJP-14	Storm Net Revenue Factor
Schedule RMS/MJP-15 Second Revision	Bill Impact Analysis

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-1S Second Revision
Summary of DAC Factors

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

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

Description	Reference	Amount	Factor		
			Residential/ Small/ Medium C&I	Large/ X-Large	Residential Low Income
			(a)	(b)	(c)
(1) System Pressure (SP)	RMS/MJP-2S Second Revision	\$6,109,925	\$0.0154	\$0.0154	\$0.0154
(2) Advanced Gas Technology Program (AGT)	RMS/MJP-3	\$0	\$0.0000	\$0.0000	\$0.0000
(3) Environmental Response Cost Factor (ERCF)	RMS/MJP-4	\$961,315	\$0.0024	\$0.0024	\$0.0024
(4) Pension Adjustment Factor (PAF)	RMS/MJP-5	\$924,808	\$0.0022	\$0.0022	\$0.0022
(5) Arrearage Management Adjustment Factor (AMAF)	RMS/MJP-6	\$600,436	\$0.0015	\$0.0015	\$0.0015
(6) Service Quality Factor (SQP)	RMS/MJP-9 Revised	(\$287,855)	(\$0.0007)	(\$0.0007)	(\$0.0007)
(7) Reconciliation Factor (R)	RMS/MJP-10S	(\$38,361)	\$0.0005	(\$0.0018)	\$0.0005
(8) Earnings Sharing Mechanism (ESM)	RMS/MJP-12	(\$461,331)	(\$0.0011)	(\$0.0011)	(\$0.0011)
(9) Low Income Discount Recovery Factor (LIDRF)	RMS/MJP-13 Second Revision	\$6,119,893	\$0.0161	\$0.0161	n/a
(10) Storm Net Revenue Factor	RMS/MJP-14	(\$13,302)	\$0.0000	\$0.0000	\$0.0000
(11) Subtotal	Sum [(1):(10)]	\$13,915,528	\$0.0363	\$0.0340	\$0.0202
(12) Uncollectible Percentage	Dkt 4770	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>
(13) DAC factors grossed up for uncollectible	(11) ÷ [1-(12)]	\$14,186,489	\$0.0369	\$0.0346	\$0.0205
(14) Revenue Decoupling Adjustment (RDA)	RMS/MJP-7	\$2,009,962	\$0.0069	\$0.0000	\$0.0069
(15) Revenue Decoupling Adjustment Reconciliation	RMS/MJP-10S	(\$994,958)	(\$0.0034)	\$0.0000	(\$0.0034)
(16) DAC factor	(13)+(14)+(15)	\$15,201,494	\$0.0404	\$0.0346	\$0.0240

Section 2: DAC factors including annual ISR component

	ISR Reconciliation w/o uncollectible (therms) (a)	Uncollectible Percentage (b)	ISR Reconciliation* (therms) (c) = (a) x [1+(b)]	Base DAC Component* (therms) (d)	DAC Component Subtotal Rates* (therms) (e) = (c) + (d)	ISR Component (therms)* (f)	November 1, 2020 DAC Rates* (therms) (g)
(17) Res-NH	\$0.0004	1.91%	\$0.0004	\$0.0404	\$0.0408	\$0.1663	\$0.2071
(18) Res-NH-LI	\$0.0004	1.91%	\$0.0004	\$0.0240	\$0.0244	\$0.1663	\$0.1907
(19) Res-H	\$0.0007	1.91%	\$0.0007	\$0.0404	\$0.0411	\$0.0742	\$0.1153
(20) Res-H-LI	\$0.0007	1.91%	\$0.0007	\$0.0240	\$0.0247	\$0.0742	\$0.0989
(21) Small	\$0.0016	1.91%	\$0.0016	\$0.0404	\$0.0420	\$0.0718	\$0.1138
(22) Medium	(\$0.0002)	1.91%	(\$0.0002)	\$0.0404	\$0.0402	\$0.0460	\$0.0862
(23) Large LL	(\$0.0015)	1.91%	(\$0.0015)	\$0.0346	\$0.0331	\$0.0440	\$0.0771
(24) Large HL	(\$0.0046)	1.91%	(\$0.0046)	\$0.0346	\$0.0300	\$0.0333	\$0.0633
(25) XL-LL	(\$0.0004)	1.91%	(\$0.0004)	\$0.0346	\$0.0342	\$0.0160	\$0.0502
(26) XL-HL	(\$0.0012)	1.91%	(\$0.0012)	\$0.0346	\$0.0334	\$0.0149	\$0.0483

*Factors Include Uncollectible Allowance

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

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-2S Second Revision
System Pressure Factor

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

(1)	Nov-20	\$21,256
(2)	Dec-20	\$1,484,969
(3)	Jan-21	\$1,484,969
(4)	Feb-21	\$1,484,969
(5)	Mar-21	\$1,484,969
(6)	Apr-21	\$21,256
(7)	May-21	\$21,256
(8)	Jun-21	\$21,256
(9)	Jul-21	\$21,256
(10)	Aug-21	\$21,256
(11)	Sep-21	\$21,256
(12)	Oct-21	<u>\$21,256</u>
(13)	Total	\$6,109,925
(14)	System Balancing Factor	100.00%
(15)	LNG GCR Costs allocated to DAC	\$6,109,924
(16)	Firm Throughput	39,648,231 dths
(17)	System Pressure Factor per dekatherm	\$0.1540 per dth
(18)	System Pressure Factor per therm	\$0.0154 per therm

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

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-3
Advanced Gas Technology Program Factor

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

(1)	AGT collected through DAC	\$0
(2)	Firm Throughput	39,648,231 dths
(3)	AGT Factor per dekatherm	\$0.0000 per dth
(4)	AGT Factor per therm	\$0.0000 per therm

- (2) Company Forecast
- (3) Line (1) ÷ Line (2)
- (4) Line (3) ÷ 10, truncated to 4 decimal places

National Grid - RI Gas
AGT Account Balance and Interest Calculation

	Apr-19 30	May-19 31	Jun-19 30	Jul-19 31	Aug-19 31	Sep-19 30	Oct-19 31	Nov-19 30	Dec-19 31	Jan-20 31	Feb-20 28	Mar-20 31	Total (m)
(1) Beginning Balance	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040
(2) Rebate Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(3) Other Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4) Sub-total Disbursements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(5) Forecasted Throughput from Docket 4323 (dth)	0	0	0	0	0	0	0	0	0	0	0	0	0
L/XL Classes	0	0	0	0	0	0	0	0	0	0	0	0	0
Res H, NH, Small & Medium C&I Classes	0	0	0	0	0	0	0	0	0	0	0	0	0
(6) Base Rates Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(7) L/XL Classes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(8) Res H, NH, Small & Medium C&I Classes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(9) Sub-total Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(10) AGT Balance Refund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(11) AGT Balance Reconciliation													
(12) Ending Balance	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040
Interest Calculation													
(13) Month's Average Balance	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040	\$713,040
(14) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	2.75%	1.78%
(15) Calculated Interest (not applied to balance)	\$2,051	\$2,120	\$2,051	\$2,120	\$1,968	\$1,846	\$1,817	\$1,612	\$1,665	\$1,665	\$1,504	\$1,079	\$21,498

(1) Column (a) Ending Balance per Docket 4955, RMS/AEL-3, Page 2 of 2
(4) Line (2) + Line (3)
(5) Rate year forecast as presented in Docket 4770
(7) Large and Extra Large C&I throughput from Line (5) x \$0.0000 (AGT base rate). Actual revenue for these rate classes are reconciled through the Reconciliation Factor for Large and Extra Large C&I.
(8) Res H, NH, Small & Medium throughput from Line (5) x \$0.0000 (AGT base rate). Actual revenue for these rate classes are reconciled through the Revenue Decoupling Mechanism (RDM).
(9) Line (7) + Line (8)
(12) Lines (1) - (4) + (9) + (10)
(13) Lines [(1)+(12)] ÷ 2
(14) Per RIPUC NG-Gas No. 101, Section 3, Schedule A
(15) Column (m), total interest refunded to customers at RMS-10S, Page 1, line 12 per Docket 4339 Settlement of Issues

THE NARRAGANSETT ELECTRIC COMPANY
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RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-4
Environmental Response Cost Factor

**National Grid - RI Gas
Environmental Response Cost (ERC) Factor
Effective November 1, 2020**

<u>Description</u>	<u>Reference</u>	<u>Amount</u>
(1) Amortization of Pre-FY2011 expenses	Page 3, Col K, Ln (2)	\$0
(2) Amortization of FY2011 expenses - year 9 of 10	Page 3, Col K, Ln (4)	\$452,292
(3) Amortization of FY2012 expenses - year 8 of 10	Page 3, Col K, Ln (6)	\$558,394
(4) Amortization of FY2013 expenses - year 7 of 10	Page 3, Col K, Ln (8)	\$136,852
(5) Amortization of FY2014 expenses - year 6 of 10	Page 3, Col K, Ln (10)	\$300,824
(6) Amortization of FY2015 expenses - year 5 of 10	Page 3, Col K, Ln (12)	\$112,908
(7) Amortization of FY2016 expenses - year 4 of 10	Page 3, Col K, Ln (14)	\$111,792
(8) Amortization of FY2017 expenses - year 3 of 10	Page 3, Col K, Ln (16)	\$303,756
(9) Amortization of FY2018 expenses - year 2 of 10	Page 3, Col K, Ln (18)	\$114,380
(10) Amortization of FY2019 expenses - year 1 of 10	Page 3, Col K, Ln (20)	\$95,024
(11) Amortization of FY2020 expenses - year 1 of 10	Page 3, Col K, Ln (22)	<u>\$85,093</u>
(12)	Subtotal	\$2,271,315
(13) Base Rate Environmental Cost Allowance		\$1,310,000
(14) Cost in excess of Allowance		\$961,315
(15) Firm Throughput		39,648,231 dths
(16) Environmental Response Cost Factor per dekatherm		\$0.0240 per dth
(17) Environmental Response Cost Factor per therm		\$0.0024 per therm
(12) Sum of Lines (1) to (11)		
(13) Docket 4770		
(14) Line (12) - Line (13)		
(15) Company Forecast		
(16) Line (14) ÷ Line (15)		
(17) Line (16) ÷ 10, truncated to 4 decimal places		

National Grid - RI Gas
Environmental Response Cost (ERC) Factor
ERC Amortization Schedule

	FY2011 (a)	FY2012 (b)	FY2013 (c)	FY2014 (d)	FY2015 (e)	FY2016 (f)	FY2017 (g)	FY2018 (h)	FY2019 (i)	FY2020 (j)
ENVIRONMENTAL AMORTIZATION										
(1) FY 2002-FY 2010 NET ERC Costs Net of Insurance	\$8,847,318									
(2) Amortization Period (years)	10	\$884,732	\$884,734	(\$366,296)	\$234,974	\$282,267	\$268,599	\$224,996	\$300,822	\$305,405
(3) FY 2011 NET ERC Costs Net of Insurance	\$4,522,947									
(4) Amortization Period (years)	10	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295	\$452,295
(5) FY 2012 NET ERC Costs Net of Insurance	\$5,583,936									
(6) Amortization Period (years)	10	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394	\$558,394
(7) FY 2013 NET ERC Costs Net of Insurance	\$1,368,521									
(8) Amortization Period (years)	10	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852	\$136,852
(9) FY 2014 NET ERC Costs Net of Insurance	\$3,008,237									
(10) Amortization Period (years)	10	\$300,824	\$300,824	\$300,824	\$300,824	\$300,824	\$300,824	\$300,824	\$300,824	\$300,824
(11) FY 2015 NET ERC Costs Net of Insurance	\$1,129,080									
(12) Amortization Period (years)	10	\$112,908	\$112,908	\$112,908	\$112,908	\$112,908	\$112,908	\$112,908	\$112,908	\$112,908
(13) FY 2016 NET ERC Costs Net of Insurance	\$1,117,923									
(14) Amortization Period (years)	10	\$111,792	\$111,792	\$111,792	\$111,792	\$111,792	\$111,792	\$111,792	\$111,792	\$111,792
(15) FY 2017 NET ERC Costs Net of Insurance	\$3,037,565									
(16) Amortization Period (years)	10	\$303,756	\$303,756	\$303,756	\$303,756	\$303,756	\$303,756	\$303,756	\$303,756	\$303,756
(17) FY 2018 NET ERC Costs Net of Insurance	\$1,143,802									
(18) Amortization Period (years)	10	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380
(19) FY 2019 NET ERC Costs Net of Insurance	\$950,236									
(20) Amortization Period (years)	10	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024
(21) FY 2020 NET ERC Costs Net of Insurance	\$850,927									
(22) Amortization Period (years)	10	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7	\$85,092.7
(23) Amortization Expense sub-total		\$884,732	\$1,337,029	\$644,393	\$1,382,515	\$1,730,632	\$1,829,872	\$1,898,061	\$2,277,643	\$2,396,606
(24) ENVIRONMENTAL REMEDIATION COSTS										
(25) Beginning Balance	\$8,847,318	\$13,370,265	\$18,954,201	\$20,322,722	\$23,330,959	\$24,460,039	\$25,577,962	\$28,615,527	\$29,759,329	\$30,709,565
(26) Environmental Expenditures, net of Insurance	\$4,522,947	\$5,583,936	\$1,368,521	\$3,008,237	\$1,129,080	\$1,117,923	\$3,037,565	\$1,143,802	\$950,236	\$850,927
(27) Ending Balance	\$13,370,265	\$18,954,201	\$20,322,722	\$23,330,959	\$24,460,039	\$25,577,962	\$28,615,527	\$29,759,329	\$30,709,565	\$31,560,492
(28) ACCUMULATED ENVIRONMENTAL REMEDIATION										
(29) Beginning Balance	\$5,618,256	\$6,502,988	\$7,840,018	\$8,484,411	\$9,866,927	\$11,597,559	\$13,427,431	\$15,325,493	\$17,603,135	\$19,999,742
(30) Amortization Expense (1)	\$884,732	\$1,337,029	\$644,393	\$1,382,515	\$1,730,632	\$1,829,872	\$1,898,061	\$2,277,643	\$2,396,606	\$2,395,051
(31) Ending Balance	\$6,502,988	\$7,840,018	\$8,484,411	\$9,866,927	\$11,597,559	\$13,427,431	\$15,325,493	\$17,603,135	\$19,999,742	\$22,394,793
(32) NET ENVIRONMENTAL REMEDIATION COSTS	\$6,867,276	\$11,114,183	\$11,838,310	\$13,464,032	\$12,862,480	\$12,150,531	\$13,290,034	\$12,156,193	\$10,709,823	\$9,165,699

(1) Amortization Expense is shown on a June 30 basis

National Grid - RI Gas
Environmental Response Cost (ERC) Factor
ERC Amortization Schedule

	FY2021 (k)	FY2022 (l)	FY2023 (m)	FY2024 (n)	FY2025 (o)	FY2026 (p)	FY2027 (q)	FY2028 (r)	FY2029 (s)	FY2030 (t)
<u>ENVIRONMENTAL AMORTIZATION</u>										
(1) FY 2002-FY 2010 NET ERC Costs Net of Insurance										
(2) Amortization Period (years)	\$8,847,318									
(3) FY 2011 NET ERC Costs Net of Insurance		\$0								
(4) Amortization Period (years)	\$4,522,947									
(5) FY 2012 NET ERC Costs Net of Insurance		\$558,390	\$0							
(6) Amortization Period (years)	\$136,852		\$136,853	\$0						
(7) FY 2013 NET ERC Costs Net of Insurance		\$300,824	\$300,824	\$300,821	\$0					
(8) Amortization Period (years)	\$300,824									
(9) FY 2014 NET ERC Costs Net of Insurance		\$112,908	\$112,908	\$112,908	\$112,908	\$0				
(10) Amortization Period (years)	\$112,908									
(11) FY 2015 NET ERC Costs Net of Insurance		\$111,792	\$111,792	\$111,792	\$111,792	\$0				
(12) Amortization Period (years)	\$111,792									
(13) FY 2016 NET ERC Costs Net of Insurance		\$303,756	\$303,756	\$303,756	\$303,756	\$303,756	\$303,761	\$0		
(14) Amortization Period (years)	\$303,756									
(15) FY 2017 NET ERC Costs Net of Insurance		\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,380	\$114,382	\$0	
(16) Amortization Period (years)	\$114,380									
(17) FY 2018 NET ERC Costs Net of Insurance		\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,024	\$95,020	\$0
(18) Amortization Period (years)	\$95,024									
(19) FY 2019 NET ERC Costs Net of Insurance		\$85,093	\$85,093	\$85,093	\$85,093	\$85,093	\$85,093	\$85,093	\$85,093	\$85,090
(20) Amortization Period (years)	\$85,093									
(21) FY 2020 NET ERC Costs Net of Insurance		\$1,819,019	\$1,260,630	\$1,123,774	\$822,953	\$710,048	\$598,258	\$294,499	\$180,113	\$85,090
(22) Amortization Period (years)	\$2,271,315									
(23) Amortization Expense sub-total										
(24) ENVIRONMENTAL REMEDIATION COSTS										
(25) Beginning Balance	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492
(26) Environmental Expenditures, net of Insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(27) Ending Balance	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492	\$31,560,492
(28) ACCUMULATED ENVIRONMENTAL REMEDIATION										
(29) Beginning Balance	\$22,394,793	\$24,666,108	\$26,485,127	\$27,745,757	\$28,869,531	\$29,692,484	\$30,402,532	\$31,000,790	\$31,295,289	\$31,475,402
(30) Amortization Expense (1)	\$2,271,315	\$1,819,019	\$1,260,630	\$1,123,774	\$822,953	\$710,048	\$598,258	\$294,499	\$180,113	\$85,090
(31) Ending Balance	\$24,666,108	\$26,485,127	\$27,745,757	\$28,869,531	\$29,692,484	\$30,402,532	\$31,000,790	\$31,295,289	\$31,475,402	\$31,560,492
(32) NET ENVIRONMENTAL REMEDIATION COSTS	\$6,894,384	\$5,075,365	\$3,814,735	\$2,690,961	\$1,868,008	\$1,157,960	\$559,702	\$265,203	\$85,090	\$0

(1) Amortization Expense is shown on a June 30 basis

**National Grid - RI Gas
Environmental Response Cost (ERC) Factor
ERC FY 2020 Detail**

	Total Costs at <u>3/31/2019</u>	<u>FY 2020 Costs</u>	Total Costs at <u>3/31/2020</u>
	(a)	(b)	(c) = (a) + (b)
<u>Environmental Expenses</u>			
(1) 907 & 908 Allens Avenue	\$23,236,393	\$72,983	\$23,309,376
(2) 307 PCB Reg Pipe Abandon.	\$2,334,140	\$376,853	\$2,710,993
(3) 379 Petroleum Site	\$8,279,580	\$68,407	\$8,347,988
(4) 700 18 & 21 Holders COR	\$2,776,743	\$0	\$2,776,743
(5) 161 Canal Street, Westerly	\$29,133	\$0	\$29,133
(6) 178 Site Inv Connell Hwy Newp	\$44,092	\$0	\$44,092
(7) 144 Westerly Soil Investigation	\$82,184	\$0	\$82,184
(8) 171 Contaminated Regulators	\$3,111,494	\$52,844	\$3,164,338
(9) 781 Mendon Road	\$121,355	\$0	\$121,355
(10) 782 Tidewater	\$1,891,723	\$156,070	\$2,047,793
(11) 783 Hamlet	\$203,818	\$9,698	\$213,516
(12) -- Thames & Wellington	\$6,242,608	\$44,421	\$6,287,029
(13) -- Misc MGP (NEG)	\$513,476	\$60,579	\$574,055
(14) -- Insurance Recovery	\$1,370,812	\$1,402	\$1,372,214
(15) -- East Providence (First Ave) Holder	\$372,959	\$6,468	\$379,427
(16) -- 560 Thames Street Newp	<u>\$164,201</u>	<u>\$1,202</u>	<u>\$165,403</u>
(17) Sub-Total	\$50,774,713	\$850,927	\$51,625,640
(18) Insurance Recovery/Settlement			
(19) 910 Environmental Insurance Recovery Settlement		\$0	
(20) Net FY 2018 Environmental Response Costs		<u><u>\$850,927</u></u>	

(1)-(16) Col (a): Docket 4955, RMS/AEL-4, Page 4, Col (c)

(1)-(16) Col (b): Annual Environmental Report for Gas Service, Period of April 1, 2019 - March 31, 2020

(20) Line (17), Col (b) + Line (19)

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-5
Pensions and Postretirement Benefits Other than Pensions Factor

**National Grid - RI Gas
Pension Adjustment Factors
Effective November 1, 2020**

<u>Pension Factor</u>		
(1)	Pension Reconciliation	\$35,485
(2)	Carrying Charges	<u>\$0</u>
(3)	Total Pension Cost	\$35,485
(4)	Firm Throughput	39,648,231 dths
(5)	Pension Factor per dth	\$0.0000 per dth
(6)	Pension Factor per therm	\$0.0000 per therm
<u>PBOP Factor</u>		
(7)	PBOP Reconciliation	\$889,323
(8)	Carrying Charges	<u>\$0</u>
(9)	Total PBOP Cost	\$889,323
(10)	Firm Throughput	39,648,231 dths
(11)	PBOP Factor per dth	\$0.0220 per dth
(12)	PBOP Factor per therm	\$0.0022 per therm
<u>Pension & PBOP Factor Combined</u>		
(13)	Pension & PBOP Factor per dth	\$0.0220 per dth
(14)	Pension & PBOP Factor per therm	\$0.0022 per therm

- (1) JDO/JHA-1, Page 1, Col (a), Line (10)
- (2) JDO/JHA-1, Page 1, Line (11)
- (3) Line (1) + Line (2)
- (4) Company Forecast
- (5) Line (3) ÷ Line (4)
- (6) Line (5) ÷ 10, truncated to 4 decimal places
- (7) JDO/JHA-1, Page 1, Col (b), Line (10)
- (8) Included in Line (2)
- (9) Line (7) + Line (8)
- (10) Company Forecast
- (11) Line (9) ÷ Line (10)
- (12) Line (11) ÷ 10, truncated to 4 decimal places
- (13) Line (5) + Line (11)
- (14) Line (6) + Line (12)

Schedule RMS/MJP-6
Arrearage Management Adjustment Factor

**National Grid - RI Gas
Arrearage Management Adjustment Factor Calculation**

(1) Total Recoverable Arrearage Forgiveness Amount	\$600,436
(2) Firm Throughput	39,648,231 dths
(3) Arrearage Management Adjustment Factor per dekatherm	\$0.0151 per dth
(4) Arrearage Management Adjustment Factor per therm	\$0.0015 per therm

- (1) Page 2, Line (13)
- (2) Company forecast
- (3) Line (1) ÷ Line (2)
- (4) Line (3) ÷ 10, truncated to 4 decimal places

National Grid - RI Gas
Calculation of Recoverable Arrearage Foregiveness Amount
Calendar Year 2019

Uncollectible Recovery from:

(1) Rate Year Base Distribution Rates (Docket 4770, Rate Year 1 - 8 Months)	\$2,333,191
(2) Rate Year Base Distribution Rates (Docket 4770, Rate Year 2 - 4 Months)	\$1,202,823
(3) Calendar Year Commodity Rates	\$3,558,683
(4) Calendar Year DAC	(\$93,317)
(5) Calendar Year Energy Efficiency (EE)	<u>\$455,833</u>
(6) Total Allowable Bad Debt	\$7,457,214
(7) Total Actual Net Charge Offs	<u>\$8,411,309</u>
(8) Actual Above / (Below) Allowable Bad Debt	\$954,095
(9) Amount of AMP Successful Participants Arrearage Foregiveness	<u>\$217,744</u>
(10) Recoverable Arrearage Foregiveness Due to AMP Successful Participants	\$217,744
(11) Recoverable Arrearage Foregiveness Due to AMP Unsuccessful Participants (Cancelled)	\$51,494
(12) Recoverable Arrearage Foregiveness Due to AMP Unsuccessful Participants (Default)	<u>\$331,198</u>
(13) Total Recoverable Arrearage Foregiveness Amount	\$600,436

- (1) RIPUC Docket No. 4770, March 1, 2019 Excess Deferred Income Tax True-Up Filing, Supplemental Compliance Attachment 2, Schedule 3, Page 4, Line (11), Column (c) of $\$3,499,787 \div 12 \times 8$
- (2) RIPUC Docket No. 4770, March 1, 2019 Excess Deferred Income Tax True-Up Filing, Supplemental Compliance Attachment 2, Schedule 3, Page 4, Line (11), Column (e) of $\$3,608,469 \div 12 \times 8$
- (3) Page 3, Section 1, Line (3)
- (4) Page 3, Section 2, Line (3)
- (5) Page 3, Section 3, Line (3)
- (6) Sum of Lines (1) to (5)
- (7) Page 4, Column (d), Line (1)
- (8) Line (7) - Line (6)
- (9) Page 5, Line (6)
- (10) If Line (8) > 0 then Min of Line (8) or Line (9), Else 0
- (11) Page 5, Line (4)
- (12) Page 5, Line (2)
- (13) Sum of Lines (10) to (12)

National Grid - RI Gas
Calculation of Recoverable Arrearage Foregone Amount
Calendar Year 2019

<u>Section 1: Gas Cost Recovery</u>	<u>Jan - Dec</u> (a)
(1) Gas Cost Recovery Billings	\$186,318,498
(2) Uncollectible Percentage	1.91%
(3) Commodity Rate Allowable Bad Debt	\$3,558,683
<p>(1) Per Company Revenue Reports for calendar year 2019 (2) Uncollectible percentage approved in RIPUC Docket 4770 (3) Line (1) x Line (2)</p>	
<hr/>	
<u>Section 2: Distribution Adjustment Clause</u>	
(1) Distribution Adjustment Clause Billings	(\$4,885,717)
(2) Uncollectible Percentage	1.91%
(3) DAC Rate Allowable Bad Debt	(\$93,317)
<p>(1) Per Company Revenue Reports for calendar year 2019 (2) Uncollectible percentage approved in RIPUC Docket 4770 (3) Line (1) x Line (2)</p>	
<hr/>	
<u>Section 3: Energy Efficiency</u>	
(1) Energy Efficiency Billings	\$23,865,619
(2) Uncollectible Percentage	1.91%
(3) Energy Efficiency Allowable Bad Debt	\$455,833
<p>(1) Per Company Revenue Reports for calendar year 2019 (2) Uncollectible percentage approved in RIPUC Docket 4770 (3) Line (1) x Line (2)</p>	

National Grid - RI Gas
Calculation of Recoverable Arrearage Foregiveness Amount
Calendar Year 2019 Net Charge - Offs

	Beginning Balance <u>FERC 144</u> (a)	Adjustments to Reserve <u>FERC 904</u> (b)	Ending Balance <u>FERC 144</u> (c)	Net <u>Charge Offs</u> (d)
(1)	\$12,044,010	\$8,817,225	\$12,449,926	\$8,411,309

- (a) Per Company's Financial Statements
- (b) Per Company's Financial Statements
- (c) Per Company's Financial Statements
- (d) Column (a) + Column (b) - Column (c)

National Grid - RI Gas
Calculation of Recoverable Arrearage Foregiveness Amount
Arrearage Forgiveness Amounts

	<u>Unsuccessful Accounts (Default)</u>	
(1)	Number of accounts not successful as of 12/31/2019	1,197
(2)	Amount forgiven prior to defaulting	\$331,198
	<u>Unsuccessful Accounts (Cancelled)</u>	
(3)	Number of accounts not successful as of 12/31/2019	198
(4)	Amount forgiven prior to defaulting	\$51,494
	<u>Successful Accounts</u>	
(5)	Number of accounts successfully completing the first year of the program	341
(6)	Amount forgiven during 2019	\$217,744
	<u>Enrolled Accounts</u>	
(7)	Number of accounts enrolled as of 12/31/2019	1,005
(8)	Amount forgiven during 2019	\$465,916
	<u>Total Enrolled Accounts</u>	
(9)	Number of accounts enrolled as of 12/31/2019	2,741
(10)	Amount forgiven during 2019	\$1,066,352
(1)	Per Docket No. 4290 - Arrearage Management Program Monthly Report - December 2019	
(2)	Per Company Records	
(3)	Per Docket No. 4290 - Arrearage Management Program Monthly Report - December 2019	
(4)	Per Company Records	
(5)	Per Docket No. 4290 - Arrearage Management Program Monthly Report - December 2019	
(6)	Per Company Records	
(7)	Per Docket No. 4290 - Arrearage Management Program Monthly Report - December 2019	
(8)	Per Company Records	
(9)	Sum of Lines (1), (3), (5), and (7)	
(10)	Sum of Lines (2), (4), (6), and (8)	

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

**Schedule RMS/MJP-7
Revenue Decoupling Adjustment Factor**

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

(1)	Residential Non-Heat (incl Low Income)	(\$89,275)
(2)	Residential Heat (incl Low Income)	\$3,088,003
(3)	Small C&I	\$514,083
(4)	Medium C&I	(\$809,310)
(5)	FY 2020 Net Under Recovery of Target Revenue	<u>\$2,703,501</u>
(6)	FY 2019 RDM True-Up	<u>(\$693,539)</u>
(7)	Net Under Recovery of Target Revenue	\$2,009,962
(8)	Firm Therm Throughput Forecast for RDM Rate Classes (Nov 2020-Oct 2021)	28,848,000 dths
(9)	Proposed RDA Factor per dth	\$0.0697 per dth
(10)	Proposed RDA Factor per therm	\$0.0069 per therm

- (1) Schedule RMS/MJP-2, Page 1, Column (I), Line (40)
- (2) Schedule RMS/MJP-2, Page 2, Column (I), Line (80)
- (3) Schedule RMS/MJP-2, Page 3, Column (I), Line (94)
- (4) Schedule RMS/MJP-2, Page 3, Column (I), Line (108)
- (5) Sum [Lines (1):(4)]
- (6) Schedule RMS/MJP-6, Page 1, Line (7)
- (7) Sum [Lines (5):(6)]



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July 1, 2020

VIA FIRST CLASS MAIL & 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 April 1, 2019 to March 31, 2020
Docket No. _____**

Dear Ms. Massaro:

On behalf of National Grid,¹ enclosed please find the Company's annual Revenue Decoupling Mechanism (RDM) reconciliation filing for the period April 1, 2019 to March 31, 2020. National Grid submits this filing pursuant to the provisions of the Distribution Adjustment Clause of National Grid's gas tariff, RIPUC NG-Gas No. 101, at Section 3, Schedule A, which allows an annual reconciliation of the target revenue-per-customer and the actual revenue-per-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 joint pre-filed direct testimony and schedules of Ryan M. Scheib, and Michael J. Pini and the pre-filed direct testimony and schedule of Melissa A. Little. In their joint testimony, Mr. Scheib and Mr. Pini provide an overview of National Grid's RDM reconciliation and describe the actual RDM results for the period April 1, 2019 to March 31, 2020. Ms. Little's testimony presents the Company's proposed revenue requirements for the Rate Years ending August 31, 2019, August 31, 2020 and August 31, 2021 on actual cumulative growth capital invested during the period from the end of the test year in the 2017 Rate Case (July 1, 2017) through the end of the first Rate Year (August 31, 2019) pursuant to the Amended

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

Robinson+Cole

Luly E. Massaro, Commission Clerk
July 1, 2020
Page 2 of 2

Settlement Agreement in the 2017 Rate Case. She also describes how the Rate Years revenue requirements on actual growth capital investment was allocated among customer classes and factored into the target revenue-per-customer included in the Company's RDM reconciliation. Schedule MAL-1 to Ms. Little's testimony shows the calculation of this revenue requirement.

As a result of National Grid's RDM reconciliation, National Grid under-recovered revenue of \$2,009,962 under its RDM during the period April 1, 2019 to March 31, 2020. National Grid is not presenting a proposed RDA factor at this time because the RDA factor is just one of several factors included in the DAC. Rather, National Grid will submit the RDA factor in its August 1, 2020 annual DAC filing.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3337.

Sincerely,



Leticia C. Pimentel

Enclosures

cc: Leo Wold, Esq.
John Bell, Division

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020**

JOINT PRE-FILED DIRECT TESTIMONY

OF

RYAN M. SCHEIB

AND

MICHAEL J. PINI

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020**

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THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020
PAGE 1 OF 15

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 USA and responsibilities within that**
7 **position?**

8 A. I am an Analyst in the New England Gas Pricing group of the Strategy and 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 Electric
12 Company d/b/a National Grid (the Company).

13

14 **Q. Please provide your educational background.**

15 A. I received a Bachelor of Science in Finance from University of Delaware in 2016.

16

17 **Q. Please provide your professional background.**

18 A. In 2016, I joined National Grid as an Associate Analyst in the New England Gas Pricing
19 group. In 2018, I was promoted to Analyst supporting the Company.

20

21 **Q. Have you previously testified before the PUC?**

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020
PAGE 2 OF 15

1 A. Yes. I have testified before the PUC in the Company's Distribution Adjustment Charge
2 filing in October 2019 in Docket No. 4955, and in the Company's Gas FY 2021
3 Infrastructure, Safety, and Reliability Plan filing in February 2020 in Docket No. 4996.

4
5 **II. Introduction and Qualifications of Michael J. Pini**

6 **Q. Please state your name and business address.**

7 A. My name is Michael J. Pini. My business address is 40 Sylvan Road, Waltham,
8 Massachusetts 02451.

9
10 **Q. What is your position at National Grid USA and responsibilities within that**
11 **position?**

12 A. I am a Lead Program Manager in the New England Pricing group of the Strategy and
13 Regulation department of the Service Company. My primary responsibilities include the
14 design, implementation, and administration of rates and tariffs for the gas division of the
15 Company and its Massachusetts affiliate, Boston Gas Company, d/b/a National Grid.

16
17 **Q. Please provide your educational background.**

18 A. I earned a Bachelor of Science in Economics and Finance from Bentley University in
19 2010.

20
21 **Q. Please provide your professional background.**

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020
PAGE 3 OF 15**

1 A. In 2009, I joined National Grid USA as an intern in the Support Services function within
2 Gas Operations department. In 2010, I became an Associate Analyst in the Regulatory
3 Compliance department. In 2011, I joined the New England Electric Pricing group and
4 was promoted to Analyst in 2012. In 2013, my responsibilities changed to supporting
5 Boston Gas and Colonial Gas and, in 2014, I was promoted to Senior Analyst in the same
6 capacity. In 2017, I was promoted to Lead Program Manager, supporting the New
7 England electric and gas operating companies.

8
9 **Q. Have you previously testified before the PUC?**

10 A. Yes. I have testified before the PUC in support of the Company's FY 2020
11 Infrastructure, Safety and Reliability Plan filing in Docket No. 4916, its Excess
12 Accumulated Deferred Income Tax True-Up filing in Docket No. 4770, and the
13 Company's 2019 Gas Cost Recovery filing in Docket No. 4963. Additionally, I have
14 testified before the Massachusetts Department of Public Utilities (DPU) on several
15 occasions in support of the Gas System Enhancement Plan for Boston Gas and Colonial
16 Gas.

17
18 **III. Purpose of Testimony**

19 **Q. What is the purpose of your joint testimony?**

20 A. The purpose of our testimony is to present the Company's March 31, 2020 Revenue
21 Decoupling Mechanism (RDM) reconciliation balance, which will be used to compute

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020
PAGE 4 OF 15**

1 the proposed Revenue Decoupling Adjustment (RDA) factor to be incorporated in the
2 Company's upcoming August 1, 2020 annual Distribution Adjustment Charge (DAC)
3 filing. Specifically, we provide an overview of the Company's gas RDM reconciliation
4 and explain the RDM results for the reconciliation period April 1, 2019 through March
5 31, 2020.

6
7 Pursuant to the terms of the Amended Settlement Agreement in the Company's last
8 general rate case in Docket No. 4770,¹ the Company is required to true-up the revenue
9 requirement associated with forecasted growth-related capital investment as well as the
10 number of customers during Rate Year 1 of the Multi-Year Rate Plan (MRP) and reflect
11 the impact of both in its benchmark RDM values and RDM results beginning with Rate
12 Year 1 of the MRP as provided for in the Amended Settlement Agreement, which began
13 September 1, 2018. This filing also presents the calculation of the revenue requirement
14 impact for each Rate Year of actual growth-related capital investment in Rate Year 1,
15 which is contained in the accompanying testimony and schedules of Company witness
16 Melissa A. Little.

17
18 This filing is submitted pursuant to the Company's Distribution Adjustment Clause
19 provision contained in its tariff, RIPUC NG-GAS No. 101, at Section 3, Schedule A,
20 Sheet 7, subpart 3.7 (Revenue Decoupling Adjustment Factor).

¹ Amended Settlement Agreement, Article II, Section C.22.c.

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET _____
GAS REVENUE DECOUPLING MECHANISM RECONCILIATION
WITNESS: RYAN M. SCHEIB and MICHAEL J. PINI
JULY 1, 2020
PAGE 5 OF 15

1

2 **Q. Are you sponsoring any schedules with your testimony?**

3 A. Yes, we are sponsoring the following schedules that accompany our testimony:

4	Schedule RMS/MJP-1	Annual Gas RDM Reconciliation Balance
5	Schedule RMS/MJP-2	Monthly RDM Reconciliation by Rate Class for the
6		Period April 1, 2019 through March 31, 2020
7	Schedule RMS/MJP-3	Actual vs. Normal Billing Heating Degree Day
8		Comparison for April 2019 through March 2020
9	Schedule RMS/MJP-4	Target Revenue-Per-Customer by Rate Class for
10		Rate Year 1, 2 and 3
11	Schedule RMS/MJP-5	Calculation of the Credit to Customers Associated
12		with the Excess Accumulated Deferred Income Tax
13		(ADIT) True-up
14	Schedule RMS/MJP-6	Calculation of the Updated Fiscal Year 2019 RDM

15

16 **IV. RDM Reconciliation**

17 **Q. Please provide an overview of the Company's RDM reconciliation.**

18 A. In Docket No. 4206, the PUC approved a Revenue-Per-Customer RDM that provides for
19 an annual reconciliation, by rate class, between a target level of base distribution revenue
20 and actual base distribution revenue billed during the reconciliation period. The
21 reconciliation is driven by the comparison of the Actual Revenue-Per-Customer during
22 the reconciliation period and the Target Revenue-Per-Customer. The reconciliation is
23 performed on a monthly basis and covers the Company's fiscal year (the period April 1
24 through March 31 of the following year) for all Residential and Small and Medium

THE NARRAGANSETT ELECTRIC COMPANY
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JULY 1, 2020
PAGE 6 OF 15

1 Commercial and Industrial (C&I) firm rate classes. Under the RDM, customers subject
2 to the RDM are credited any net over-recovery of target revenue and are surcharged for
3 any net under-recovery of target revenue through the RDA factor, which is one of several
4 components of the DAC, effective November 1 each year.

5

6 **Q. What are the Target Revenue-Per-Customer and the Actual Revenue-Per-**
7 **Customer?**

8 A. The Target Revenue-Per-Customer is the Revenue-Per-Customer the Company is
9 allowed to earn for each customer in each rate class included in the RDM. The Actual
10 Revenue-Per-Customer is the actual average Revenue-Per-Customer associated with the
11 customers in each rate class included in the RDM based upon the base distribution
12 revenue billed by the Company divided by the actual number of customers billed.

13

14 **Q. What is the result of the RDM reconciliation presented in this filing?**

15 A. The RDM reconciliation results in a net under-recovery balance of approximately \$2.0
16 million for the period April 2019 through March 2020, as shown in Schedule RMS/MJP-
17 1.

18

19 **Q. How did the Company determine the RDM reconciliation balance at the end of**
20 **March 2020?**

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1 A. On a monthly basis and for each rate class, the Company calculated the difference
2 between the Target Revenue-Per-Customer and the Actual Revenue-Per-Customer. If the
3 Actual Revenue-Per-Customer exceeds the Target Revenue-Per-Customer, the Company
4 has over-recovered its RDM target revenue and must credit customers the excess amount.
5 If the Actual Revenue-Per-Customer is less than the Target Revenue-Per-Customer, the
6 Company has under-recovered its RDM target revenue and must surcharge customers the
7 deficiency. Each month's difference between the Actual and Target Revenue-Per-
8 Customers is multiplied by the number of customers billed in the respective month to
9 derive the amount of revenue the Company has either over-recovered or under-recovered
10 for the month. For each month, the monthly revenue over-recovered or under-recovered
11 accumulates and the balance accrues interest, which is also reflected in the final monthly
12 balance.² The Company presents this annual reconciliation in Schedule RMS/MJP-2.

13
14 **Q. Has the Target Revenue-Per-Customer changed from last year's filing?**

15 A. Yes. The Company has updated both the rate class revenue requirement for Rate Years
16 1, 2, and 3 and the number of customers to be actual number of customers billed in Rate
17 Year 1 in order to calculate the Target Revenue-Per-Customer for Rate Years 1, 2, and 3
18 as stipulated in the Amended Settlement Agreement in Docket No. 4770 (Article II,
19 Section C.22.c).

² 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.

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Q. How did the Company determine the Target Revenue-Per-Customer for Rate Years 1, 2, and 3?

A. Pursuant to Article II. Section C.22.c. of the Amended Settlement Agreement, the Company revised its Revenue-Per-Customers targets for Rate Years 1, 2, and 3 by adjusting for the difference between the revenue requirement on Rate Year 1’s forecasted and actual growth-related capital investment and actual number of customers for the period September 1, 2018 through August 31, 2019. As seen on Schedule MAL-1, Page 1, the total RDM class revenue requirements for Rate Years 1, 2, and 3 established in the Company’s Second Compliance Filing in Docket No. 4770 have been adjusted to reflect the difference between the forecasted and actual gas growth capital investment in Rate Year 1. The Company then allocated the adjusted RDM rate class revenue requirements to each of the months in Rate Years 1, 2, and 3 based on the monthly Rate Year revenues also established in the Company’s Second Compliance Filing in Docket 4770, as seen on Schedule RMS/MJP-4, Pages 2-4. Finally, the Company calculated the revised Target Revenue-Per-Customer for each month of Rate Years 1, 2, and 3 by dividing the revised revenue requirement for the RDM rate classes by the actual number of customers for the period September 2018 through August 2019, which is presented on Schedule RMS/MJP-4, Page 1.

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1 **Q. In addition to updating the Target Revenue-Per-Customer for Rate Years 1, 2, and**
2 **3, has the Company made any other adjustments to the FY 2020 RDM**
3 **reconciliation?**

4 A. Yes. The Company is including (1) an adjustment to its actual FY 2020 revenue for the
5 months of April through August to reflect the revenue which would have been billed to
6 customers had the base distribution rates for Rate Year 1 included in the Company's May
7 30, 2019 Second Compliance Filing in Docket No. 4770 been implemented and (2) a
8 credit adjustment associated with its FY 2019 RDM reconciliation discussed below.

9
10 **Q. Please explain the revenue adjustment to the FY 2020 RDM reconciliation as a**
11 **result of the PUC's approval of the Company's May 30, 2019 Second Compliance**
12 **Filing in Docket No. 4770?**

13 A. As explained in the Company's 2019 RDM Filing filed on June 28, 2019 in Docket No.
14 4955, the PUC approved the updated base distribution rates for Rate Years 2 and 3 the
15 Company proposed in its May 30, 2019 Second Compliance Filing in Docket No. 4770.
16 Since this filing was approved during Rate Year 1, the Company did not change its Rate
17 Year 1 base distribution rates billed to its customers. Instead, the Company agreed to
18 flow back the reduction in the Rate Year 1 revenue requirement by crediting customers
19 through the DAC.² However, as part of the May 30, 2019 Second Compliance Filing, the

² The reduction of the Rate Year 1 revenue requirement was credited to customers as part of the Tax Credit Factor in the Company's 2019 DAC Filing in Docket No. 4955.

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1 Company did reduce the Target Revenue-Per-Customer for the RDM rate classes to
2 reflect the reduction in the revenue requirement for all three Rate Years.

3
4 The Company credited the difference in base distribution rates for the period September
5 1, 2018 through August 30, 2019 through its DAC. The Company did not utilize the
6 RDM to pass back this reduction to customers because the RDM excludes the Large and
7 Extra-Large C&I rate classes. Since the Company credited this reduction through its
8 DAC, it needed to make a corresponding adjustment to the actual revenue reflected in its
9 RDM reconciliation to avoid crediting this difference to its customers twice (once in the
10 DAC and again in the RDM for RDM rate classes). As a result, the Company reduced
11 the actual billed revenue in the FY 2020 RDM reconciliation for the period April 2019
12 through August 2019 to reflect the revenue it would have billed customers had the Rate
13 Year 1 base distribution rates been reduced.³ This revenue adjustment is the same as the
14 revenue adjustment included in the FY 2019 RDM reconciliation for the months of
15 September 2018 through March 2019.

16
17 **Q. Please explain how the Company calculated the reduction to revenue for the**
18 **Residential and C&I rate classifications.**

³ The illustrative Rate Year 1 base distribution rates are included in the Second Compliance Filing, Revised Supplemental Compliance Attachment 16, Page 11.

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1 A. The Company calculated the reduction by multiplying the actual volumes used by the
2 various rate classes for the period of April 2019 through August 2019 by the difference
3 between the approved distribution rates and the illustrative rates for Rate Year 1 as shown
4 in the Company's Second Compliance Filing in Docket No. 4770, Attachment 16, Page
5 11. The calculation by month and rate class is provided in Schedule RMS/MJP-5.

6
7 **Q. Why is the Company including an adjustment in its FY 2020 RDM associated with**
8 **its FY 2019 RDM reconciliation filed in Docket 4955?**

9 A. The period covered by the true-up to the revenue requirement on growth-related capital
10 investment and number of customers for Rate Year 1 (September 2018 through August
11 2019) and the period covered by the FY 2019 RDM reconciliation (April 2018 through
12 March 2019) overlap. Since the Company is revising monthly Target Revenue-Per-
13 Customer values for Rate Year 1, it is appropriate to revise the FY 2019 RDM
14 reconciliation to reflect this change. The revised FY 2019 RDM reconciliation is
15 presented in Schedule RMS/MJP-6. The Company has recalculated the RDM
16 reconciliation balance for FY 2019 by applying the revised Target Revenue-Per-
17 Customer values for the months of September 2018 through March 2019 of Rate Year 1
18 as calculated on Schedule RMS/MJP-4, Page 1.

19
20 **Q. Please explain the calculation of the adjustment to the FY 2019 RDM reconciliation**
21 **balance.**

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1 A. As seen on Schedule RMS/MJP-6, Pages 2-4, the Company recalculated the monthly
2 RDM reconciliation balances for FY 2019. The recalculated FY 2019 RDM
3 reconciliation balance is summarized on Page 1 on Schedule RMS/MJP-6 and results in a
4 net over-recovery balance of \$10,965,021 for the period April 2018 through March 2019
5 as shown on Schedule RMS/MJP-6, Page 1, Line (5). The revised net over-recovery
6 balance for FY 2019 is compared to the net over-recovery balance of \$10,271,482 filed in
7 Docket No. 4955, resulting in a credit to customers of \$693,539 as shown on Schedule
8 RMS/MJP-6, Page 1, Line (7). The FY 2019 RDM credit adjustment is included on Line
9 (6) on Schedule RMS/MJP-1 to be applied to the net under-recovery reconciliation
10 balance for FY 2020.

11
12 **Q. Please explain why the net over-recovery of the FY 2019 Reconciliation balance has**
13 **increased by \$693,539 despite the Company experiencing an increase in revenue**
14 **requirement associated with growth-related capital investment shown in Schedule**
15 **MAL-1.**

16 A. The revised Target Revenue-Per-Customer values presented in Schedule RMS/MJP-4
17 reflect updates to both the revenue requirement associated with actual growth-related
18 capital investment as well as the actual number of customers in Rate Year 1. The higher-
19 than-forecasted revenue requirement associated with growth-related capital investment
20 would cause an increase in the Target Revenue-Per-Customer. However, there were
21 more customers during Rate Year 1 than what had been forecasted, resulting in lower

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1 Target Revenue-Per-Customer values. In fact, the increase in the number of customers
2 the Target Revenue-Per-Customer calculation was of a greater impact than the increase in
3 the revenue requirement associated with the growth-related capital investment, resulting
4 in a net decrease in the Target Revenue-Per-Customer values for RDM rate classes
5 except the Small C&I rate class. This decrease in the Target Revenue-Per-Customer
6 values resulted an increase in the net over-recovery in the FY 2019 RDM reconciliation
7 balance.

8
9 **Q. Does the Company anticipate updating the Target Revenue-Per-Customer based on**
10 **actual growth capital investment in Rate Years 2 and 3 in future filings?**

11 A. No. The adjusted Target Revenue-Per-Customer for Rate Years 1, 2, and 3 calculated in
12 Schedule RMS/MJP-4 will be used in the calculation of RDM adjustments until new base
13 distribution rates are established for gas service.

14
15 **V. Results of the RDM Reconciliation**

16 **Q. What are the results of the RDM reconciliation for the year ending March 31, 2020?**

17 A. For the reconciliation period April 2019 through March 2020, the Company has
18 calculated a net under-recovery of target revenue of approximately \$2.0 million as
19 summarized in Schedule RMS/MJP-1. This under-recovery will be recovered from
20 customers through the RDA factor, which the Company would propose to go into effect
21 November 1, 2020 when it submits its DAC filing.

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2 **Q. What are the drivers for the net under-recovery?**

3 A. As shown in Schedule RMS/MJP-1, the Company's net under-recovery of \$2.0 million
4 was driven by a \$3.0 million combined under-recovery for the Residential RDM groups,
5 a \$0.3 million combined over-recovery for the Small and Medium C&I RDM groups, and
6 a \$0.7 million increase in the net over-recovery resulting from the revised FY 2019 RDM
7 reconciliation calculated in Schedule RMS/MJP-6. The total under-recovery for the
8 RDM rate classes was driven by a decrease in actual revenue due to warmer than normal
9 weather.⁴ Schedule RMS/MJP-3 shows the billing heating degree day comparison for
10 this reconciliation period.

11

12 **VI. 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 RDA factor will be proposed in the DAC filing along with several other factors, the bill
17 impact of an RDA factor on a stand-alone basis provides limited information as to the
18 cumulative impact of the change in the overall DAC. Rather, the Company will submit
19 bill impacts for the cumulative impact of all of its proposed DAC factors, including the
20 RDA factor, with its August 1, 2020 DAC filing.

⁴ Overall, FY 2020 weather was approximately 6 percent warmer than normal and 10 percent warmer than FY 2019.

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2 **Q. Does this conclude your testimony?**

3 **A. Yes.**

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

(1)	Residential Non-Heat (incl Low Income)	(\$89,275)
(2)	Residential Heat (incl Low Income)	\$3,088,003
(3)	Small C&I	\$514,083
(4)	Medium C&I	(\$809,310)
(5)	FY 2020 Net Under Recovery of Target Revenue	\$2,703,501
(6)	FY 2019 RDM True-Up	(\$693,539)
(7)	Net Under Recovery of Target Revenue	\$2,009,962

- (1) Schedule RMS/MJP-2, Page 1, Column (1), Line (40)
- (2) Schedule RMS/MJP-2, Page 2, Column (1), Line (80)
- (3) Schedule RMS/MJP-2, Page 3, Column (1), Line (94)
- (4) Schedule RMS/MJP-2, Page 3, Column (1), Line (108)
- (5) Sum [Lines (1):(4)]
- (6) Schedule RMS/MJP-6, Page 1, Line (7)
- (7) Sum [Lines (5):(6)]

RDM Reconciliation by Rate Class by Month
Promoted

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sept-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	30	31	30	31	31	29	31
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
Residential Non-Heat												
(1) Benchmark Revenue Per Customer (RPC)	\$27.19	\$22.28	\$19.28	\$18.26	\$18.39	\$18.36	\$19.14	\$21.34	\$25.37	\$28.24	\$27.56	\$33.05
(2) Beginning Balance Under/(Over) Recovery	\$0	\$30,432	\$16,798	(\$21,778)	(\$42,487)	(\$51,836)	(\$59,459)	(\$75,114)	(\$82,806)	(\$97,090)	(\$160,154)	(\$153,096)
(3) Actual Number of Customers	17,791	17,686	17,007	17,007	16,487	16,493	16,510	16,599	16,650	16,649	16,621	16,580
(4) Actual Base Revenue	\$453,773	\$408,073	\$379,031	\$331,343	\$312,568	\$310,403	\$331,485	\$361,693	\$436,485	\$532,933	\$450,675	\$450,335
(5) Revenue Adjustment	(\$424)	(\$325)	(\$247)	(\$181)	(\$153)	(\$83)	\$0	\$0	\$0	\$0	\$0	\$0
(6) Adjusted Base Revenue	\$453,349	\$407,748	\$378,784	\$331,162	\$312,415	\$310,320	\$331,485	\$361,693	\$436,485	\$532,933	\$450,675	\$450,335
(7) Actual Base Revenue Per Customer	\$25.48	\$23.05	\$21.47	\$19.47	\$18.95	\$18.82	\$20.08	\$21.79	\$26.22	\$32.01	\$27.11	\$27.16
(8) RPC Variance (Benchmark-Actual)	\$1.71	(\$0.77)	(\$2.19)	(\$1.21)	(\$0.56)	(\$0.45)	(\$0.94)	(\$0.45)	(\$0.85)	(\$3.77)	\$0.45	\$5.89
(9) Monthly Under/(Over) Recovery of RPC	\$30,388	(\$13,704)	(\$38,569)	(\$20,614)	(\$9,219)	(\$7,479)	(\$15,484)	(\$7,513)	(\$14,074)	(\$62,765)	\$7,400	\$97,634
(10) Preliminary Ending Balance	\$30,388	\$16,728	(\$21,771)	(\$42,392)	(\$51,706)	(\$59,315)	(\$74,943)	(\$82,628)	(\$96,880)	(\$152,755)	(\$155,461)	(\$155,461)
(11) Average Balance	\$15,194	\$23,580	(\$2,487)	(\$32,085)	(\$47,097)	(\$55,576)	(\$67,201)	(\$78,871)	(\$89,843)	(\$128,473)	(\$156,455)	(\$104,278)
(12) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(13) Interest Applied	\$44	\$70	(\$7)	(\$95)	(\$130)	(\$144)	(\$171)	(\$178)	(\$210)	(\$299)	(\$341)	(\$157)
(14) Ending Balance Under/(Over) Recovery	\$30,432	\$16,798	(\$21,778)	(\$42,487)	(\$51,836)	(\$59,459)	(\$75,114)	(\$82,806)	(\$97,090)	(\$160,154)	(\$153,096)	(\$55,619)
Residential Non-Heat Low Income												
(15) Benchmark Revenue Per Customer (RPC)	\$27.19	\$22.28	\$19.28	\$18.26	\$18.39	\$18.36	\$19.14	\$21.34	\$25.37	\$28.24	\$27.56	\$33.05
(16) Beginning Balance Under/(Over) Recovery	\$0	(\$3,414)	(\$6,374)	(\$9,185)	(\$11,156)	(\$11,762)	(\$12,555)	(\$13,569)	(\$15,969)	(\$20,617)	(\$27,068)	(\$31,891)
(17) Actual Number of Customers	495	532	552	525	476	483	503	502	507	515	542	570
(18) Actual Base Revenue	\$16,889	\$14,813	\$13,442	\$11,535	\$9,333	\$9,634	\$10,608	\$13,080	\$17,467	\$20,939	\$19,696	\$20,554
(19) Revenue Adjustment	(\$20)	(\$15)	(\$11)	(\$7)	(\$5)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
(20) Adjusted Base Revenue	\$16,869	\$14,798	\$13,431	\$11,528	\$9,328	\$9,631	\$10,608	\$13,080	\$17,467	\$20,939	\$19,696	\$20,554
(21) Actual Base Revenue Per Customer	\$34.08	\$27.82	\$24.33	\$21.96	\$19.60	\$19.94	\$21.09	\$26.05	\$34.45	\$40.66	\$36.34	\$36.06
(22) RPC Variance (Benchmark-Actual)	(\$6.89)	(\$5.54)	(\$5.05)	(\$3.70)	(\$1.21)	(\$1.58)	(\$1.95)	(\$4.71)	(\$9.08)	(\$12.42)	(\$8.78)	(\$3.01)
(23) Monthly Under/(Over) Recovery of RPC	(\$3,410)	(\$2,945)	(\$2,789)	(\$1,941)	(\$574)	(\$762)	(\$981)	(\$2,367)	(\$4,605)	(\$6,396)	(\$4,759)	(\$1,716)
(24) Preliminary Ending Balance	(\$3,410)	(\$6,359)	(\$11,126)	(\$11,126)	(\$11,730)	(\$12,524)	(\$13,536)	(\$15,936)	(\$20,574)	(\$27,012)	(\$31,826)	(\$33,606)
(25) Average Balance	(\$1,705)	(\$4,887)	(\$7,768)	(\$10,152)	(\$11,443)	(\$12,143)	(\$13,046)	(\$14,753)	(\$18,272)	(\$23,815)	(\$29,447)	(\$32,749)
(26) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(27) Interest Applied	(\$5)	(\$15)	(\$22)	(\$30)	(\$32)	(\$31)	(\$33)	(\$33)	(\$43)	(\$55)	(\$64)	(\$49)
(28) Ending Balance Under/(Over) Recovery	(\$3,414)	(\$6,374)	(\$9,185)	(\$11,156)	(\$11,762)	(\$12,555)	(\$13,569)	(\$15,969)	(\$20,617)	(\$27,068)	(\$31,891)	(\$33,656)
Residential Non-Heat (incl Low Income)												
(29) Benchmark Revenue Per Customer (RPC)	\$27.19	\$22.28	\$19.28	\$18.26	\$18.39	\$18.36	\$19.14	\$21.34	\$25.37	\$28.24	\$27.56	\$33.05
(30) Beginning Balance Under/(Over) Recovery	\$0	\$27,017	\$10,424	(\$30,963)	(\$53,643)	(\$63,598)	(\$72,015)	(\$88,683)	(\$98,775)	(\$117,707)	(\$187,222)	(\$184,986)
(31) Actual Number of Customers	18,286	18,218	18,198	17,532	16,963	16,976	17,013	17,099	17,157	17,164	17,163	17,150
(32) Adjusted Base Revenue	\$470,218	\$422,546	\$392,215	\$342,689	\$321,742	\$319,951	\$342,093	\$374,773	\$453,952	\$553,872	\$470,371	\$470,889
(33) Actual Base Revenue Per Customer	\$25.71	\$23.19	\$21.55	\$19.55	\$18.97	\$18.85	\$20.11	\$21.92	\$26.46	\$32.27	\$27.41	\$27.46
(34) RPC Variance (Benchmark-Actual)	\$1.48	(\$0.91)	(\$2.27)	(\$1.29)	(\$0.58)	(\$0.49)	(\$0.97)	(\$0.58)	(\$1.09)	(\$4.03)	\$0.15	\$5.59
(35) Monthly Under/(Over) Recovery of RPC	\$26,979	(\$16,649)	(\$41,357)	(\$22,555)	(\$9,793)	(\$8,241)	(\$16,464)	(\$9,880)	(\$18,679)	(\$69,161)	\$2,641	\$95,919
(36) Preliminary Ending Balance	\$26,979	\$10,368	(\$30,933)	(\$53,518)	(\$63,436)	(\$71,839)	(\$88,479)	(\$98,564)	(\$117,454)	(\$186,868)	(\$184,581)	(\$89,068)
(37) Average Balance	\$13,489	\$18,693	(\$10,255)	(\$22,240)	(\$31,540)	(\$36,719)	(\$42,240)	(\$49,324)	(\$58,727)	(\$91,528)	(\$115,902)	(\$137,027)
(38) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(39) Interest Applied	\$39	\$56	(\$29)	(\$126)	(\$162)	(\$175)	(\$204)	(\$212)	(\$253)	(\$355)	(\$405)	(\$207)
(40) Ending Balance Under/(Over) Recovery	\$27,017	\$10,424	(\$30,963)	(\$53,643)	(\$63,598)	(\$72,015)	(\$88,683)	(\$98,775)	(\$117,707)	(\$187,222)	(\$184,986)	(\$89,275)
(1) Col (a)-(e): RMS/MJP-4, Pg. 1, Line (4)							(24) Line (16) + Line (23)					
(2) Col (f)-(i): RMS/MJP-4, Pg. 1, Line (20)							(25) [Line (16) + Line (24)] + 2					
(3) Company's billing system							(27) [Line (25) x Line (26)] - 365 x # days					
(4) Company's billing system							(28) Line (24) + Line (27)					
(5) RMS/MJP-5, Line (41)							(29) Col (a)-(e): RMS/MJP-4, Pg. 1, Line (4)					
(6) Line (4) + Line (5)							(30) Col (f)-(i): RMS/MJP-4, Pg. 1, Line (20)					
(7) Line (6) + Line (3)							(31) Line (3) + Line (17)					
(8) Line (1) - Line (7)							(16) Line (28)					
(9) Line (3) x Line (8)							(17) Company's billing system					
(10) Line (2) + Line (9)							(18) Company's billing system					
(11) Line (2) + Line (10) + 2							(19) RMS/MJP-5, Line (42)					
(12) Line (11) x Line (12) + 365 x # days							(20) Line (18) + Line (19)					
(13) Line (10) + Line (13)							(21) Line (20) + Line (17)					
(14) Line (4) + Line (5)							(22) Line (15) - Line (21)					
(15) Col (a)-(e): RMS/MJP-4, Pg. 1, Line (20)							(23) Line (17) x Line (22)					

RDM Reconciliation by Rate Class by Month
Prorated

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	31	30	31	31	29	31
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Residential Heating											
(41) Benchmark Revenue Per Customer (RPC)	\$65.24	\$39.04	\$27.71	\$23.73	\$22.83	\$23.46	\$45.50	\$72.71	\$96.46	\$104.30	\$92.55
(42) Beginning Balance Under/(Over) Recovery	\$0	\$147,175	(\$975,972)	(\$1,324,753)	(\$1,063,913)	(\$1,083,063)	(\$1,069,553)	(\$784,544)	(\$2,326,239)	(\$3,633,695)	\$326,209
(43) Actual Number of Customers	208,614	207,409	206,501	206,465	207,003	207,003	207,003	212,665	213,072	210,496	210,852
(44) Actual Base Revenue	\$13,476,490	\$9,223,093	\$6,068,876	\$4,635,029	\$4,741,159	\$4,779,422	\$9,341,927	\$17,000,938	\$21,853,448	\$18,199,830	\$16,936,928
(45) Revenue Adjustment	(\$13,477)	(\$2,366)	(\$1,257)	(\$751)	(\$710)	(\$391)	\$0	\$0	\$0	\$0	\$0
(46) Adjusted Base Revenue	\$13,463,013	\$9,220,727	\$6,067,619	\$4,635,029	\$4,740,449	\$4,779,031	\$9,341,927	\$17,000,938	\$21,853,448	\$18,199,830	\$16,936,928
(47) Actual Base Revenue Per Customer	\$64.54	\$44.45	\$29.38	\$22.45	\$22.91	\$23.09	\$44.14	\$79.94	\$102.56	\$85.65	\$80.33
(48) RPC Variance (Benchmark-Actual)	\$0.70	(\$5.41)	(\$1.67)	\$1.28	(\$0.08)	\$0.37	(\$0.28)	(\$7.23)	(\$6.10)	\$18.65	\$12.22
(49) Monthly Under/(Over) Recovery of RPC	\$146,964	(\$1,121,918)	(\$3,454,477)	\$264,386	(\$16,191)	\$76,245	\$287,102	(\$1,538,066)	(\$1,300,523)	\$3,963,503	\$2,577,424
(50) Preliminary Ending Balance	\$146,964	(\$974,742)	(\$1,321,449)	(\$1,060,368)	(\$1,080,104)	(\$1,066,907)	(\$782,451)	(\$2,326,762)	(\$3,626,762)	\$2,903,634	\$2,903,634
(51) Average Balance	\$73,482	(\$413,784)	(\$1,148,711)	(\$1,192,561)	(\$1,072,008)	(\$1,044,941)	(\$926,002)	(\$1,553,577)	(\$2,976,500)	(\$1,651,943)	\$1,614,921
(52) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	2.75%	2.75%	2.75%	2.75%	1.78%
(53) Interest Applied	\$211	(\$1,230)	(\$3,305)	(\$3,545)	(\$2,959)	(\$2,705)	(\$2,093)	(\$3,629)	(\$6,933)	(\$3,600)	\$2,438
(54) Ending Balance Under/(Over) Recovery	\$147,175	(\$975,972)	(\$1,324,753)	(\$1,063,913)	(\$1,083,063)	(\$1,009,524)	(\$784,544)	(\$2,326,239)	(\$3,633,695)	\$326,209	\$2,906,071
Residential Heating - Low Income											
(55) Benchmark Revenue Per Customer (RPC)	\$65.24	\$39.04	\$27.71	\$23.73	\$22.83	\$23.46	\$45.50	\$72.71	\$96.46	\$104.30	\$92.55
(56) Beginning Balance Under/(Over) Recovery	\$0	\$15,783	(\$97,337)	(\$143,417)	(\$131,711)	(\$153,412)	(\$201,365)	(\$202,695)	(\$395,543)	(\$489,670)	(\$80,635)
(57) Actual Number of Customers	20,051	20,581	21,114	21,342	21,285	21,063	17,916	17,500	17,330	18,106	19,716
(58) Actual Base Revenue	\$1,293,660	\$916,714	\$630,936	\$494,414	\$507,325	\$507,705	\$816,051	\$1,464,576	\$1,764,749	\$1,478,800	\$1,562,226
(59) Revenue Adjustment	(\$1,293)	(\$233)	(\$132)	(\$83)	(\$80)	(\$44)	\$0	\$0	\$0	\$0	\$0
(60) Adjusted Base Revenue	\$1,292,367	\$916,481	\$630,804	\$494,331	\$507,245	\$507,661	\$816,051	\$1,464,576	\$1,764,749	\$1,478,800	\$1,562,226
(61) Actual Base Revenue Per Customer	\$64.45	\$44.53	\$29.88	\$23.16	\$23.83	\$24.10	\$45.55	\$83.69	\$101.83	\$81.67	\$79.24
(62) RPC Variance (Benchmark-Actual)	\$0.79	(\$5.49)	(\$2.17)	\$0.57	(\$1.00)	(\$0.65)	(\$0.05)	(\$10.98)	(\$5.37)	\$22.63	\$13.31
(63) Monthly Under/(Over) Recovery of RPC	\$15,760	(\$112,999)	(\$45,735)	\$12,114	(\$21,308)	(\$13,627)	(\$873)	(\$192,151)	(\$93,097)	\$409,656	\$262,490
(64) Preliminary Ending Balance	\$15,760	(\$97,216)	(\$143,033)	(\$131,303)	(\$133,019)	(\$167,039)	(\$202,239)	(\$394,846)	(\$488,640)	(\$80,014)	\$181,855
(65) Average Balance	\$7,880	(\$40,716)	(\$120,204)	(\$137,360)	(\$142,365)	(\$160,226)	(\$201,800)	(\$394,770)	(\$244,092)	(\$284,842)	\$50,610
(66) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	2.75%	2.75%	2.75%	2.75%	1.78%
(67) Interest Applied	\$23	(\$121)	(\$346)	(\$408)	(\$393)	(\$415)	(\$456)	(\$698)	(\$1,030)	(\$621)	\$76
(68) Ending Balance Under/(Over) Recovery	\$15,783	(\$97,337)	(\$143,417)	(\$131,711)	(\$131,711)	(\$167,454)	(\$201,365)	(\$395,543)	(\$489,670)	(\$80,635)	\$181,932
Residential Heat (incl Low Income)											
(69) Benchmark Revenue Per Customer (RPC)	\$65.24	\$39.04	\$27.71	\$23.73	\$22.83	\$23.46	\$45.50	\$72.71	\$96.46	\$104.30	\$92.55
(70) Beginning Balance Under/(Over) Recovery	\$0	\$162,958	(\$1,073,309)	(\$1,468,171)	(\$1,195,624)	(\$1,236,475)	(\$1,270,918)	(\$987,239)	(\$2,721,782)	(\$4,123,364)	\$245,575
(71) Actual Number of Customers	228,665	228,030	227,615	227,807	228,217	228,066	229,543	230,165	230,402	230,602	230,568
(72) Adjusted Base Revenue	\$14,755,380	\$10,137,208	\$6,698,423	\$5,129,360	\$5,247,694	\$5,286,692	\$10,157,978	\$18,465,514	\$23,618,197	\$19,678,629	\$18,499,154
(73) Actual Base Revenue Per Customer	\$64.53	\$44.46	\$29.43	\$22.52	\$22.99	\$23.18	\$44.25	\$80.23	\$102.51	\$85.34	\$80.23
(74) RPC Variance (Benchmark-Actual)	\$0.71	(\$5.42)	(\$1.72)	\$1.21	(\$0.16)	\$0.27	(\$0.40)	(\$7.52)	(\$6.05)	\$18.96	\$12.32
(75) Monthly Under/(Over) Recovery of RPC	\$162,724	(\$1,234,916)	(\$391,211)	\$276,500	(\$37,499)	\$62,618	\$286,228	(\$1,730,217)	(\$1,393,620)	\$4,373,159	\$2,839,915
(76) Preliminary Ending Balance	\$162,724	(\$1,071,958)	(\$1,464,521)	(\$1,191,671)	(\$1,233,123)	(\$1,173,857)	(\$984,690)	(\$2,717,456)	(\$4,115,402)	\$249,795	\$3,085,489
(77) Average Balance	\$81,362	(\$454,500)	(\$1,268,915)	(\$1,329,921)	(\$1,214,374)	(\$1,205,166)	(\$1,127,804)	(\$1,852,347)	(\$3,418,592)	(\$1,936,785)	\$1,665,532
(78) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	2.75%	2.75%	2.75%	2.75%	1.78%
(79) Interest Applied	\$234	(\$1,351)	(\$3,650)	(\$3,953)	(\$3,352)	(\$3,120)	(\$2,549)	(\$4,326)	(\$7,963)	(\$4,220)	\$2,514
(80) Ending Balance Under/(Over) Recovery	\$162,958	(\$1,073,309)	(\$1,468,171)	(\$1,195,624)	(\$1,236,475)	(\$1,176,977)	(\$987,239)	(\$2,721,782)	(\$4,123,364)	\$245,575	\$3,088,003
(41) Col (a)-(c): RMS/MJP-4, Pg. 1, Line (8)				(56) Line (68)					(64) Line (56) + Line (63)		
(42) Col (f)-(0): RMS/MJP-4, Pg. 1, Line (24)				(57) Company's billing system					(65) [Line (56) + Line (64)] + 2	(72) Line (46) + Line (60)	
(43) Line (54)				(58) Company's billing system					(66) [Line (65) x Line (66)] - 365 x # days	(73) Line (72) + Line (71)	
(44) Company's billing system				(59) RMS/MJP-5, Line (44), Col (f) Prorated					(67) [Line (65) x Line (66)] - 365 x # days	(74) Line (69) - Line (73)	
(45) Company's billing system				(60) Line (58) + Line (59)					(68) Line (64) + Line (67)	(75) Line (74) x Line (71)	
(46) Line (44) + Line (45)				(61) Line (60) + Line (57)					(69) Col (a)-(c): RMS/MJP-4, Pg. 1, Line (8)	(76) Line (70) + Line (75)	
(47) Line (46) + Line (43)				(62) Line (55) - Line (61)					(70) Line (80)	(77) [Line (70) + Line (76)] / 2	
				(63) Line (57) x Line (62)					(71) Line (43) + Line (57)	(78) [Line (77) x Line (78)] + 365 x # days	

Actual vs. Normal Billing Degree Day Comparison for April 2019 - March 2020

<u>Month/Year</u>		<u>Actual Billing Degree Days</u>	<u>Normal Billing Degree Days</u>
		(a)	(b)
(1)	Apr-19	630	646
(2)	May-19	352	345
(3)	Jun-19	122	110
(4)	Jul-19	7	12
(5)	Aug-19	0	1
(6)	Sep-19	18	22
(7)	Oct-19	141	153
(8)	Nov-19	455	422
(9)	Dec-19	861	766
(10)	Jan-20	926	1,033
(11)	Feb-20	857	1,028
(12)	Mar-20	748	907
(13)	Total	5,117	5,446
(14)	Degree Day Difference		329
(15)	Degree Day Difference (%)		-6.0%

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) ÷ Column (b), Line (13)] - 1

Section 1 - Base Revenue Requirement and Revenue Allocator - Rate Year 1

	Sep-18 (a)	Oct-18 (b)	Nov-18 (c)	Dec-18 (d)	Jan-19 (e)	Feb-19 (f)	Mar-19 (g)	Apr-19 (h)	May-19 (i)	Jun-19 (j)	Jul-19 (k)	Aug-19 (l)	Total Sept.18 - Aug.19 (m)	Docket No. 4770 ¹ Sept.18 - Aug.19 (n)
(1) Residential Non-Heat														
(2) Base Revenue	\$320,043	\$334,047	\$369,950	\$435,311	\$481,731	\$471,370	\$561,792	\$484,766	\$396,862	\$344,646	\$314,700	\$306,617	\$4,821,835	Line 58, Col (U)
(3) Allocator	7%	7%	8%	9%	10%	10%	12%	10%	8%	7%	7%	6%	100%	
(4) Low Income Residential Non-Heat														
(5) Base Revenue	\$4,547	\$5,064	\$6,985	\$10,305	\$12,008	\$10,523	\$11,763	\$9,980	\$6,967	\$4,541	\$3,811	\$3,810	\$90,304	Line 59, Col (U)
(6) Allocator	5%	6%	8%	11%	13%	12%	13%	11%	8%	5%	4%	4%	100%	
(7) Residential Non-Heat (incl Low-Income)														
(8) Base Revenue	\$324,590	\$339,111	\$376,935	\$445,616	\$493,739	\$481,893	\$573,555	\$494,746	\$403,829	\$349,187	\$318,511	\$310,427	\$4,912,139	Line 58 + Line 59
(9) Allocator	7%	7%	8%	9%	10%	10%	12%	10%	8%	7%	6%	6%	100%	
(10) Residential Heating														
(11) Base Revenue	\$4,885,051	\$5,395,182	\$9,209,724	\$14,686,466	\$19,546,912	\$21,191,397	\$18,822,255	\$13,824,092	\$8,258,478	\$5,847,013	\$5,000,179	\$4,816,824	\$131,483,573	Line 64, Col (U)
(12) Allocator	4%	4%	7%	11%	15%	16%	14%	11%	6%	4%	4%	4%	100%	
(13) Low Income Residential Heating														
(14) Base Revenue	\$426,271	\$458,107	\$770,144	\$1,237,760	\$1,578,302	\$1,658,729	\$1,487,051	\$1,086,393	\$640,128	\$458,383	\$404,079	\$390,509	\$10,595,856	Line 68, Col (U)
(15) Allocator	4%	4%	7%	12%	15%	16%	14%	10%	6%	4%	4%	4%	100%	
(16) Residential Heating (incl Low-Income)														
(17) Base Revenue	\$5,311,322	\$5,853,289	\$9,979,868	\$15,924,226	\$21,125,214	\$22,850,126	\$20,309,306	\$14,910,485	\$8,898,606	\$6,305,396	\$5,404,258	\$5,207,333	\$142,079,429	Line 64 + Line 68
(18) Allocator	4%	4%	7%	11%	15%	16%	14%	10%	6%	4%	4%	4%	100%	
(19) Small														
(20) Base Revenue	\$693,380	\$747,002	\$1,125,542	\$2,005,001	\$2,605,556	\$2,716,468	\$2,507,944	\$1,846,203	\$1,036,531	\$832,573	\$689,657	\$675,394	\$17,481,451	Line 72, Col (U)
(21) Allocator	4%	4%	6%	11%	15%	16%	14%	11%	6%	5%	4%	4%	100%	
(22) Medium C&I														
(23) Base Revenue	\$1,455,196	\$1,610,397	\$1,899,911	\$2,581,450	\$3,074,905	\$2,978,538	\$2,903,016	\$2,393,968	\$1,869,253	\$1,481,196	\$1,513,902	\$1,511,367	\$25,273,099	Line 77, Col (U)
(24) Allocator	6%	6%	8%	10%	12%	12%	11%	9%	7%	6%	6%	6%	100%	

Section 2 - Allocated Revised Revenue Requirement

	Sep-18 (a)	Oct-18 (b)	Nov-18 (c)	Dec-18 (d)	Jan-19 (e)	Feb-19 (f)	Mar-19 (g)	Apr-19 (h)	May-19 (i)	Jun-19 (j)	Jul-19 (k)	Aug-19 (l)	Total Sept.18 - Aug.19 (m)	Revised Revenue Requirement ² (n)
(25) Residential Non-Heat (incl Low-Income)														
(26) Actual Revenue Requirement	\$326,201	\$340,794	\$378,806	\$447,828	\$496,190	\$484,285	\$576,402	\$497,202	\$403,833	\$350,920	\$320,092	\$311,968	\$4,936,520	\$4,936,520
(27) Residential Heating (incl Low-Income)														
(28) Actual Revenue Requirement	\$5,313,726	\$5,855,938	\$9,984,385	\$15,931,434	\$21,134,776	\$22,860,468	\$20,318,498	\$14,917,234	\$8,902,634	\$6,308,250	\$5,406,704	\$5,209,690	\$142,143,736	\$142,143,736
(29) Small														
(30) Actual Revenue Requirement	\$693,894	\$747,340	\$1,126,051	\$2,005,908	\$2,606,735	\$2,717,697	\$2,509,079	\$1,847,038	\$1,037,000	\$832,950	\$689,969	\$675,700	\$17,489,362	\$17,489,362
(31) Medium C&I														
(32) Actual Revenue Requirement	\$1,455,855	\$1,611,126	\$1,900,771	\$2,582,618	\$3,076,297	\$2,979,886	\$2,904,330	\$2,395,051	\$1,870,099	\$1,481,866	\$1,514,587	\$1,512,051	\$25,284,536	\$25,284,536

1 Base revenue requirement from Docket 4770 ("2017 Rate Case").

2 Schedule MAL-1, Page 1, Column (d)

Section 1 - Base Revenue Requirement and Revenue Allocator - Rate Year 2

	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total Sept 19 - Aug 20	Docket No. 4770 ¹ Sept 19 - Aug 20
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
(1) Residential Non-Heat														
(2) Base Revenue	\$326,900	\$342,115	\$381,120	\$452,096	\$502,550	\$491,423	\$589,622	\$506,161	\$410,841	\$354,243	\$321,794	\$313,055	\$4,991,920	Line 58, Col (L)
(3) Allocator	7%	7%	8%	9%	10%	10%	12%	10%	8%	7%	6%	6%	100%	
(4) Low Income Residential Non-Heat														
(5) Base Revenue	\$4,668	\$5,220	\$7,304	\$10,907	\$12,764	\$11,169	\$12,523	\$10,605	\$7,337	\$4,705	\$3,911	\$3,904	\$95,017	Line 59, Col (U)
(6) Allocator	5%	5%	8%	11%	13%	12%	13%	11%	8%	5%	4%	4%	100%	
(7) Residential Non-Heat (incl Low-Income)														
(8) Base Revenue	\$331,568	\$347,335	\$388,424	\$463,003	\$515,314	\$502,592	\$602,145	\$516,766	\$418,178	\$358,948	\$325,705	\$316,959	\$5,086,937	Line 58 + Line 59
(9) Allocator	7%	7%	8%	9%	10%	10%	12%	10%	8%	7%	6%	6%	100%	
(10) Residential Heating														
(11) Base Revenue	\$4,979,172	\$5,513,336	\$9,517,170	\$15,259,972	\$20,356,084	\$22,079,649	\$19,594,425	\$14,352,519	\$8,507,895	\$5,982,986	\$5,096,708	\$4,905,185	\$136,145,101	Line 64, Col (U)
(12) Allocator	4%	4%	7%	11%	15%	16%	14%	11%	6%	4%	4%	4%	100%	
(13) Low Income Residential Heating														
(14) Base Revenue	\$434,922	\$468,180	\$795,740	\$1,286,155	\$1,643,382	\$1,727,887	\$1,547,935	\$1,127,911	\$659,296	\$468,975	\$412,076	\$397,805	\$10,970,264	Line 68, Col (U)
(15) Allocator	4%	4%	7%	12%	15%	16%	14%	10%	6%	4%	4%	4%	100%	
(16) Residential Heating (incl Low-Income)														
(17) Base Revenue	\$5,414,094	\$5,981,516	\$10,312,910	\$16,546,127	\$21,999,466	\$23,807,536	\$21,142,360	\$15,480,430	\$9,167,191	\$6,451,961	\$5,508,784	\$5,302,990	\$147,115,365	Line 64 + Line 68
(18) Allocator	4%	4%	7%	11%	15%	16%	14%	11%	6%	4%	4%	4%	100%	
(19) Small														
(20) Base Revenue	\$705,073	\$761,419	\$1,159,759	\$2,085,258	\$2,717,093	\$2,833,571	\$2,613,944	\$1,917,433	\$1,065,349	\$850,815	\$700,589	\$685,780	\$18,096,083	Line 72, Col (U)
(21) Allocator	4%	4%	6%	12%	15%	16%	14%	11%	6%	5%	4%	4%	100%	
(22) Medium C&I														
(23) Base Revenue	\$1,482,045	\$1,646,756	\$1,962,399	\$2,691,859	\$3,216,037	\$3,113,198	\$3,033,237	\$2,490,037	\$1,931,703	\$1,517,850	\$1,542,613	\$1,540,359	\$26,168,093	Line 77, Col (U)
(24) Allocator	6%	6%	7%	10%	12%	12%	12%	10%	7%	6%	6%	6%	100%	

Section 2 - Allocated Revised Revenue Requirement

	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total Sept 19 - Aug 20	Revised Revenue Requirement ²
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
(25) Residential Non-Heat (incl Low-Income)														
(26) Actual Revenue Requirement	\$333,632	\$349,497	\$390,842	\$465,885	\$518,521	\$505,720	\$605,893	\$519,983	\$420,781	\$361,182	\$327,732	\$318,932	\$5,118,600	\$5,118,600
(27) Residential Heating (incl Low-Income)														
(28) Actual Revenue Requirement	\$5,424,075	\$5,992,543	\$10,331,923	\$16,576,631	\$22,040,024	\$23,851,427	\$21,181,338	\$15,208,970	\$9,184,092	\$6,463,856	\$5,518,940	\$5,312,767	\$147,386,585	\$147,386,585
(29) Small														
(30) Actual Revenue Requirement	\$706,568	\$763,033	\$1,162,217	\$2,089,678	\$2,722,853	\$2,839,578	\$2,619,485	\$1,921,498	\$1,067,607	\$852,619	\$702,074	\$687,234	\$18,134,443	\$18,134,443
(31) Medium C&I														
(32) Actual Revenue Requirement	\$1,484,822	\$1,649,842	\$1,966,077	\$2,696,904	\$3,222,064	\$3,119,032	\$3,038,922	\$2,494,704	\$1,935,323	\$1,520,695	\$1,545,504	\$1,543,246	\$26,217,134	\$26,217,134

1 Base revenue requirement from Docket 4770 ("2017 Rate Case").

2 Schedule MAL-1, Page 1, Column (d)

Section 1 - Base Revenue Requirement and Revenue Allocator - Rate Year 3

	Sep-20	Oct-20	Nov-20	Dec-20	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total Sept-20-Aug-21 (m)	Docket No. 4770' Sept-20-Aug-21 (n)
(1) Residential Non-Heat														
(2) Base Revenue	\$330,410	\$346,245	\$386,838	\$460,688	\$513,207	\$501,687	\$603,868	\$517,113	\$417,997	\$359,155	\$325,426	\$316,351	\$5,078,985	Line 58, Col (U)
(3) Allocator	7%	7%	8%	9%	10%	10%	12%	10%	8%	7%	6%	6%	100%	
(4) Low Income Residential Non-Heat														
(5) Base Revenue	\$4,730	\$5,299	\$7,467	\$11,214	\$13,150	\$11,500	\$12,912	\$10,925	\$7,526	\$4,790	\$3,962	\$3,953	\$97,428	Line 59, Col (U)
(6) Allocator	5%	5%	8%	12%	13%	12%	13%	11%	8%	5%	4%	4%	100%	
(7) Residential Non-Heat (incl Low-Income)														
(8) Base Revenue	\$335,140	\$351,544	\$394,305	\$471,902	\$526,357	\$513,187	\$616,780	\$528,038	\$425,523	\$363,945	\$329,388	\$320,304	\$5,176,413	Line 58 + Line 59
(9) Allocator	6%	7%	8%	9%	10%	10%	12%	10%	8%	7%	6%	6%	100%	
(10) Residential Heating														
(11) Base Revenue	\$5,029,451	\$5,576,452	\$9,673,244	\$15,551,110	\$20,766,857	\$22,530,567	\$19,986,415	\$14,620,774	\$8,641,130	\$6,055,621	\$5,148,273	\$4,952,386	\$138,532,280	Line 64, Col (U)
(12) Allocator	4%	4%	7%	11%	15%	16%	14%	11%	6%	4%	4%	4%	100%	
(13) Low Income Residential Heating														
(14) Base Revenue	\$439,543	\$473,561	\$808,734	\$1,310,723	\$1,676,420	\$1,762,995	\$1,578,843	\$1,148,988	\$669,535	\$474,632	\$416,348	\$401,702	\$11,162,024	Line 68, Col (U)
(15) Allocator	4%	4%	7%	12%	15%	16%	14%	10%	6%	4%	4%	4%	100%	
(16) Residential Heating (incl Low-Income)														
(17) Base Revenue	\$5,468,994	\$6,050,013	\$10,481,978	\$16,861,833	\$22,443,277	\$24,293,562	\$21,565,258	\$15,769,762	\$9,310,665	\$6,530,253	\$5,564,621	\$5,354,088	\$149,694,304	Line 64 + Line 68
(18) Allocator	4%	4%	7%	11%	15%	16%	14%	11%	6%	4%	4%	4%	100%	
(19) Small														
(20) Base Revenue	\$711,007	\$768,863	\$1,177,447	\$2,126,747	\$2,774,752	\$2,894,108	\$2,668,741	\$1,954,256	\$1,080,229	\$860,235	\$706,235	\$691,142	\$18,413,762	Line 72, Col (U)
(21) Allocator	4%	4%	6%	12%	15%	16%	14%	11%	6%	5%	4%	4%	100%	
(22) Medium C&I														
(23) Base Revenue	\$1,495,801	\$1,665,384	\$1,994,414	\$2,748,428	\$3,288,344	\$3,182,191	\$3,099,956	\$2,539,257	\$1,963,700	\$1,536,630	\$1,557,323	\$1,555,214	\$26,626,642	Line 77, Col (U)
(24) Allocator	6%	6%	7%	10%	12%	12%	12%	10%	7%	6%	6%	6%	100%	

Section 2 - Allocated Revised Revenue Requirement

	Sep-20	Oct-20	Nov-20	Dec-20	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total Sept-20-Aug-21 (m)	Revised Revenue Requirement ² (n)
(25) Residential Non-Heat (incl Low-Income)														
(26) Actual Revenue Requirement	\$337,192	\$353,697	\$396,720	\$474,792	\$529,580	\$516,330	\$620,557	\$531,272	\$428,129	\$366,174	\$331,405	\$322,265	\$5,208,111	\$5,208,111
(27) Residential Heating (incl Low-Income)														
(28) Actual Revenue Requirement	\$5,478,848	\$6,060,914	\$10,500,865	\$16,892,215	\$22,483,715	\$24,337,334	\$21,604,114	\$15,798,176	\$9,327,441	\$6,542,019	\$5,574,647	\$5,363,735	\$149,964,024	\$149,964,024
(29) Small														
(30) Actual Revenue Requirement	\$712,467	\$770,442	\$1,179,865	\$2,131,114	\$2,780,449	\$2,900,050	\$2,674,221	\$1,958,269	\$1,082,447	\$862,001	\$707,685	\$692,561	\$18,451,570	\$18,451,570
(31) Medium C&I														
(32) Actual Revenue Requirement	\$1,498,552	\$1,668,447	\$1,998,082	\$2,753,482	\$3,294,391	\$3,188,043	\$3,105,657	\$2,543,927	\$1,967,311	\$1,539,456	\$1,560,187	\$1,558,074	\$26,675,610	\$26,675,610

1 Base revenue requirement from Docket 4770 ("2017 Rate Case").
2 Schedule MAL-1, Page 1, Column (d)

**The Narragansett Electric Company
Revised Fiscal Year 2019 Gas RDM Reconciliation Balance incl. Capital Growth
Under (Over) Recovery of Target Revenue**

(1)	Residential Non-Heat (incl Low Income)	(\$61,376)
(2)	Residential Heat (incl Low Income)	(\$9,059,401)
(3)	Small C&I	(\$736,845)
(4)	Medium C&I	(\$1,107,399)
(5)	Net Over Recovery of Target Revenue	(\$10,965,021)
(6)	Net Over Recovery of Target Recovery as filed in 2019 RDM Filing	(\$10,271,482)
(7)	FY2019 RDM True-Up Adjustment - Credit to Customers	(\$693,539)

- (1) Schedule RMS/MJP-6, Page 2, Column (l), Line (40)
- (2) Schedule RMS/MJP-6, Page 3, Column (l), Line (80)
- (3) Schedule RMS/MJP-6, Page 4, Column (l), Line (94)
- (4) Schedule RMS/MJP-6, Page 4, Column (l), Line (108)
- (5) Sum [Lines (1):(4)]
- (6) 2019 RDM Filing (Docket 4955, Schedule RMS/AEL-1, Page 1, Line (5))
- (7) Line (5) - Line (6)

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-8S
ISR Reconciliation Factors

National Grid - RI Gas
FY 20 ISR Reconciliation Factors
Effective November 1, 2020

(1)	Revenue Requirement (a)	Rate Class (b)	Rate Base Allocator % (c)	Allocation to Rate Class (d)	Actual Revenue (e)	Under/(Over) Recovery (f)	ISR Recon. Under/(Over) Recovery (g)	Total Under/(Over) Recovery by Rate Class (h)	Forecasted Throughput (dth) (i)	ISR Recon (dth) (i)	ISR Recon (therm) (k)
(2)	\$5,502,510										
(3)		Res-NH	2.55%	\$140,314	\$161,666	(\$21,352)	\$22,734	\$1,383	327,328	\$0.0042	\$0.0004
(4)		Res-H	64.04%	\$3,523,808	\$3,626,113	(\$102,306)	\$241,833	\$139,527	19,842,428	\$0.0070	\$0.0007
(5)		Small	8.04%	\$442,402	\$452,719	(\$10,318)	\$52,938	\$42,620	2,570,841	\$0.0165	\$0.0016
(6)		Medium	12.23%	\$672,957	\$702,785	(\$29,828)	\$12,617	(\$17,211)	6,107,404	(\$0.0028)	(\$0.0002)
(7)		Large LL	5.57%	\$306,490	\$375,167	(\$68,677)	\$24,732	(\$43,945)	2,884,361	(\$0.0152)	(\$0.0015)
(8)		Large HL	2.25%	\$123,806	\$171,246	(\$47,439)	(\$7,709)	(\$55,148)	1,193,189	(\$0.0462)	(\$0.0046)
(9)		XL-LL	0.97%	\$53,374	\$72,929	(\$19,554)	\$13,177	(\$6,377)	1,318,881	(\$0.0048)	(\$0.0004)
(10)		XL-HL	4.35%	\$239,359	\$299,383	(\$60,024)	(\$5,095)	(\$65,119)	5,403,799	(\$0.0120)	(\$0.0012)
(11)		Total	100.00%	\$5,502,510	\$5,862,008	(\$359,497)	\$355,227	(\$4,270)	39,648,231		

(a) Docket 4916, FY 20 ISR Cumulative Revenue Requirement filed August 2020.

(c) Docket 4770, 2017 Rate Case, Compliance Attachment 14, Schedule 2, Page 1 & 2, Line 15 (Rate Class divided by Total Company)

(d) Col (a), Line (2) x Col (c), Lines (3) through (10) respectively

(e) Page 2, Col (m), Lines (36) through (43)

(f) Column (d) - Column (e)

(g) RMS/MJP-10S - Pages 6-7 Column (l) Lines (25), (33), (41), (49), (57), (65), (73), (81)

(h) Column (f) + Column (g)

(i) Per Company Forecast

(j) Column (h) ÷ Column (i)

(k) Column (j) ÷ 10

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-9 Revised
Service Quality Factor

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

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

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

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

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI**

Schedule RMS/MJP-10S
Reconciliation Factors

**National Grid - RI Gas
Reconciliation Factor effective November 1, 2020**

<u>Description</u>	<u>Schedule</u>	<u>Page #</u>	<u>Ending Balance</u>	<u>Period</u>
Section 1: Reconciliation of Prior Year DAC Factors (All Rate Classes)				
(1)	System Pressure	Page 2, line (9)	(\$115,359)	Nov 19-Oct 20
(2)	AGT Factor	Page 2, line (17)	\$0	Apr 19 - Mar 20
(3)	Environmental - DAC	Page 2, line (25)	\$50,090	Nov 19-Oct 20
(4)	Arrearage Management	Page 2, line (33)	\$32,599	Nov 19-Oct 20
(5)	On-System Margin Credits	Page 3, line (57)	\$0	Nov 19-Oct 20
(6)	Pension	Page 3, line (65)	(\$32,934)	Nov 19-Oct 20
(7)	PBOP	Page 3, line (73)	\$256,549	Nov 19-Oct 20
(8)	Previous Reconciliation Factor	Page 2, line (41)	\$373,433	Nov 19-Oct 20
(9)	Earnings Sharing Mechanism	Page 3, line (81)	\$0	Nov 19-Oct 20
(10)	Low Income Discount Recovery	Page 4, line (90)	(\$119,305)	Nov 19-Oct 20
(11)	Service Quality Penalty	Page 4, line (98)	(\$38,986)	Nov 19-Oct 20
(12)	Tax Credit Factor	Page 4, line (106)	(\$317,225)	Nov 19-Oct 20
(13)	Storm Net Revenue Factor	Page 4, line (114)	(\$75,740)	Nov 19-Oct 20
(14)	LIAP Base Rate Fund Reconciliation Factor	Page 4, line (122)	(\$133,414)	Nov 19-Oct 20
(15)	True-up October 19	Page 9, line (26)	\$358,829	Actual Oct 19 vs. Oct 19 Forecast
(16)	AGT Interest on Fund balance	RMS/MJP-3, page 2, line (15), col (m)	(\$21,498)	Based on Apr 19 - Mar 20
(17)	Sub Total	Sum [(1):(16)]	\$217,038	
(18)	Firm Throughput	Nov 2020 - Oct 2021	39,648,231	dth
(19)	Reconciliation Factor	Line (17) ÷ Line (18)	\$0.0054	per dth
(20)	Reconciliation Factor	Line (19) ÷ 10, truncated to 4 decimal places	\$0.0005	per therm

Section 2: Revenue Decoupling Mechanism Reconciliation

(21)	RDA Reconciliation	Page 6, line (13)	(\$972,252)	Nov 19-Oct 20
(22)	RDM Recon Reconciliation	Page 6, line (27)	(\$22,706)	Nov 19-Oct 20
(23)	Sub Total	Line (21) + Line (22)	(\$994,958)	
(24)	Firm Throughput, Residential, Small & Medium C&I	Nov 2020 - Oct 2021	28,848,000	dth
(25)	RDA Reconciliation Factor	Line (23) ÷ Line (24)	(\$0.0344)	per dth
(26)	RDA Reconciliation Factor	Line (25) ÷ 10, truncated to 4 decimal places	(\$0.0034)	per therm

Section 3: Reconciliation of Prior year DAC Factors (Large & X-Large Only)

(27)	Environmental - Base Rates	Page 5, line (41)	\$24,253	Apr 19 - Mar 20
(28)	Previous Reconciliation Factor	Page 3, line (49)	(\$279,652)	Nov 19-Oct 20
(29)	Sub Total	Sum [(27):(28)]	(\$255,399)	
(30)	Firm Throughput, Large and Extra Large C&I	Nov 2019 - Oct 2020	10,800,231	dth
(31)	L / XL Reconciliation Factor	Line (29) ÷ Line (30)	(\$0.0236)	per dth
(32)	L / XL Reconciliation Factor	Line (31) ÷ 10, truncated to 4 decimal places	(\$0.0023)	per therm

(32) Combined with the Reconciliation factor of (\$0.0005) per therm on Line (20) for an overall Large and Extra Large Reconciliation factor of (\$0.0018) per therm

**National Grid – RI Gas
Non-Base Rate / Gas Year Reconciling Components**

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
	30	31	31	29	31	30	31	30	31	31	30	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(1) System Pressure Recon Adjust.												
(2) System Pressure Acct Beg. Balance Under/(Over) Recovery	\$0	(\$2,757)	(\$19,712)	(\$39,233)	(\$55,813)	(\$70,733)	(\$82,667)	(\$93,670)	(\$98,117)	(\$101,508)	(\$105,676)	(\$110,044)
(3) Actual Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4) Actual Revenue	\$2,754	\$16,929	\$19,452	\$16,477	\$14,824	\$11,856	\$10,909	\$4,349	\$3,286	\$4,058	\$4,258	\$5,195
(5) Ending Balance Under/(Over) Recovery	(\$2,754)	(\$19,686)	(\$39,164)	(\$55,710)	(\$70,637)	(\$82,569)	(\$93,576)	(\$98,019)	(\$101,403)	(\$105,566)	(\$109,934)	(\$115,239)
(6) Average Monthly Balance Under/(Over) Recovery	(\$1,377)	(\$11,222)	(\$29,438)	(\$47,471)	(\$63,225)	(\$76,661)	(\$88,122)	(\$95,760)	(\$99,760)	(\$103,537)	(\$107,805)	(\$112,642)
(7) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(8) Interest Applied	(\$3)	(\$26)	(\$69)	(\$103)	(\$95)	(\$79)	(\$93)	(\$98)	(\$106)	(\$110)	(\$110)	(\$119)
(9) Sys Pressure End Balance Under/(Over) Recovery	(\$2,757)	(\$19,712)	(\$39,233)	(\$55,813)	(\$70,733)	(\$82,667)	(\$93,670)	(\$98,117)	(\$101,508)	(\$105,676)	(\$110,044)	(\$115,359)
(10) Advanced Gas Technology												
(11) AGT Acct Beg. Balance Under/(Over) Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(12) Actual AGT Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(13) Ending AGT Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(14) Average Monthly Balance Under/(Over) Recovery	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(15) Bk America Rate less 200 Basis Points	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(16) Interest Applied	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(17) AGT End Balance Under/(Over) Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18) Environmental Recon. Adjust - DAC												
(19) Environmental Acct Beg. Balance Under/(Over) Recovery	\$1,085,051	\$1,012,811	\$867,177	\$700,027	\$558,126	\$430,780	\$328,416	\$233,881	\$196,075	\$166,835	\$131,825	\$95,041
(20) Actual Environmental Revenue	\$74,602	\$147,821	\$168,973	\$143,270	\$128,092	\$102,753	\$94,832	\$38,027	\$29,432	\$35,168	\$36,900	\$45,028
(21) Ending Environmental Balance Under/(Over) Recovery	\$1,010,449	\$864,990	\$698,204	\$556,757	\$430,034	\$328,027	\$233,584	\$195,854	\$166,643	\$131,667	\$94,925	\$50,013
(22) Average Monthly Balance Under/(Over) Recovery	\$1,047,750	\$938,901	\$782,691	\$628,392	\$494,080	\$379,404	\$281,000	\$214,868	\$181,359	\$149,251	\$113,375	\$72,527
(23) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(24) Interest Applied	\$2,362	\$2,187	\$1,823	\$1,369	\$746	\$389	\$298	\$220	\$192	\$158	\$116	\$77
(25) Environmental Recon End Balance Under/(Over) Recovery	\$1,012,811	\$867,177	\$700,027	\$558,126	\$430,780	\$328,416	\$233,881	\$196,075	\$166,835	\$131,825	\$95,041	\$50,090
(26) AMAF Adjustment - DAC												
(27) AMAF Acct Beg. Balance	\$376,209	\$364,968	\$314,933	\$257,199	\$208,298	\$164,129	\$128,709	\$96,038	\$83,010	\$72,961	\$60,859	\$48,142
(28) Actual AMAF Revenue	\$12,075	\$50,826	\$58,400	\$49,408	\$44,449	\$35,570	\$32,790	\$13,120	\$10,131	\$12,173	\$12,773	\$15,586
(29) Ending AMAF Balance	\$364,134	\$314,142	\$256,533	\$207,791	\$163,849	\$128,559	\$95,919	\$82,918	\$72,879	\$60,788	\$48,086	\$32,556
(30) Average Monthly Balance	\$370,172	\$339,555	\$285,733	\$232,495	\$186,073	\$146,344	\$112,314	\$89,478	\$77,944	\$66,875	\$54,473	\$40,349
(31) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(32) Interest Applied	\$834	\$791	\$666	\$507	\$281	\$150	\$119	\$92	\$83	\$71	\$56	\$43
(33) AMAF Recon End Balance	\$364,968	\$314,933	\$257,199	\$208,298	\$164,129	\$128,709	\$96,038	\$83,010	\$72,961	\$60,859	\$48,142	\$32,599
(34) Reconciliation Factor (Applicable to all) - DAC												
(35) Recon Factor Acct Beg. Balance Under/(Over) Recovery	\$1,074,369	\$1,063,795	\$970,851	\$849,438	\$747,900	\$654,994	\$582,936	\$523,177	\$500,229	\$484,668	\$451,348	\$416,311
(36) Actual Recon Revenue	\$12,981	\$95,311	\$123,530	\$103,276	\$93,965	\$72,691	\$60,345	\$23,472	\$16,082	\$33,815	\$35,481	\$43,296
(37) Ending Recon Balance Under/(Over) Recovery	\$1,061,388	\$968,484	\$847,321	\$746,162	\$663,935	\$582,303	\$522,591	\$499,705	\$484,147	\$450,853	\$415,867	\$373,015
(38) Average Monthly Balance Under/(Over) Recovery	\$1,067,878	\$1,016,139	\$909,086	\$797,800	\$700,918	\$618,648	\$552,764	\$511,441	\$492,188	\$467,760	\$433,608	\$394,663
(39) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(40) Interest Applied	\$2,407	\$2,367	\$2,117	\$1,738	\$1,058	\$634	\$585	\$524	\$521	\$495	\$444	\$418
(41) Reconciliation End Balance Under/(Over) Recovery	\$1,063,795	\$970,851	\$849,438	\$747,900	\$654,994	\$582,936	\$523,177	\$500,229	\$484,668	\$451,348	\$416,311	\$373,433

**National Grid - RI Gas
RDA Reconciliation**

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Total
	30	31	31	29	31	30	31	30	31	31	Forecast	Forecast	(m)
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	(l)	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
RDM Recon Rates \$/decaetherm													
Res-NH, Res-H, Small, Medium													
Promoted	\$0.2622	\$0.3526	\$0.3529	\$0.3523	\$0.3527	\$0.3493	\$0.3716	\$0.3560	\$0.3530	\$0.3530	\$0.3530	\$0.3530	
(1) Actual Firm Throughput - decaethers													
(2) Res-NH	23,516	38,387	50,349	40,120	39,666	37,790	33,650	20,336	15,739	12,870	12,955	17,210	342,587
(3) Res-H	1,274,538	2,665,432	3,479,544	2,865,695	2,638,016	2,114,354	1,674,612	663,704	444,710	438,537	451,733	606,383	19,317,257
(4) Small	143,702	349,921	459,091	421,778	326,172	242,036	169,268	61,998	38,501	51,719	54,435	46,321	2,564,942
(5) Medium	405,663	792,629	943,423	823,210	738,174	535,891	413,927	181,151	140,611	188,417	185,696	221,094	5,569,886
(6) Total	1,847,419	3,846,369	4,932,406	4,150,803	3,742,027	2,930,072	2,291,457	927,189	639,562	691,544	704,819	891,009	27,594,672
(7) RDM Acct Beg. Balance	(\$10,474,458)	(\$10,013,136)	(\$8,678,722)	(\$6,956,352)	(\$5,507,510)	(\$4,195,200)	(\$3,175,553)	(\$2,326,967)	(\$1,999,089)	(\$1,775,305)	(\$1,532,941)	(\$1,285,583)	
(8) Actual RDM Revenue	(\$484,386)	(\$1,356,158)	(\$1,740,558)	(\$1,462,407)	(\$1,319,628)	(\$1,023,420)	(\$851,498)	(\$330,093)	(\$225,780)	(\$244,115)	(\$248,801)	(\$314,526)	
(9) Ending RDM Balance Under/(Over) Recovery	(\$9,990,072)	(\$8,656,979)	(\$6,938,164)	(\$5,493,945)	(\$4,187,882)	(\$3,171,779)	(\$2,324,055)	(\$1,996,874)	(\$1,773,308)	(\$1,531,190)	(\$1,284,140)	(\$971,057)	
(10) Average Monthly Balance	(\$10,232,265)	(\$9,335,057)	(\$7,808,443)	(\$6,225,149)	(\$4,847,696)	(\$3,683,490)	(\$2,749,804)	(\$2,161,920)	(\$1,886,198)	(\$1,653,248)	(\$1,408,540)	(\$1,128,320)	
(11) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
(12) Interest Applied	(\$23,065)	(\$21,744)	(\$18,188)	(\$13,564)	(\$7,318)	(\$3,774)	(\$2,911)	(\$2,215)	(\$1,997)	(\$1,750)	(\$1,443)	(\$1,195)	(\$302,140)
(13) RDM Recon End Balance Under/(Over) Recovery	(\$10,013,136)	(\$8,678,722)	(\$6,956,352)	(\$5,507,510)	(\$4,195,200)	(\$3,175,553)	(\$2,326,967)	(\$1,999,089)	(\$1,775,305)	(\$1,532,941)	(\$1,285,583)	(\$972,252)	
(14) RDM Revenue per rate class													
(15) Res-NH	(\$6,166)	(\$13,534)	(\$17,767)	(\$14,135)	(\$13,988)	(\$13,199)	(\$12,504)	(\$7,240)	(\$5,556)	(\$4,543)	(\$4,573)	(\$6,075)	(\$119,282)
(16) Res-H	(\$334,179)	(\$939,782)	(\$1,227,869)	(\$1,009,639)	(\$930,298)	(\$738,505)	(\$622,280)	(\$236,288)	(\$156,993)	(\$154,804)	(\$159,462)	(\$214,053)	(\$6,724,152)
(17) Small	(\$37,678)	(\$123,376)	(\$162,005)	(\$148,600)	(\$115,025)	(\$84,539)	(\$62,900)	(\$22,072)	(\$13,592)	(\$18,257)	(\$19,215)	(\$16,351)	(\$823,610)
(18) Medium	(\$106,363)	(\$279,466)	(\$332,917)	(\$290,033)	(\$260,317)	(\$187,177)	(\$153,814)	(\$64,492)	(\$49,639)	(\$66,511)	(\$65,551)	(\$78,046)	(\$1,934,327)
(19) Total	(\$484,386)	(\$1,356,158)	(\$1,740,558)	(\$1,462,407)	(\$1,319,628)	(\$1,023,420)	(\$851,498)	(\$330,093)	(\$225,780)	(\$244,115)	(\$248,801)	(\$314,526)	(\$9,601,370)
(20) RDM Recon Adjustment													
(21) RDM Recon Acct Beg. Balance Under/(Over) Recovery	(\$291,094)	(\$278,106)	(\$240,743)	(\$192,077)	(\$151,019)	(\$113,653)	(\$84,273)	(\$61,330)	(\$51,902)	(\$45,470)	(\$38,599)	(\$31,587)	(\$1,579,855)
(22) Actual RDM Recon Revenue	(\$13,629)	(\$37,967)	(\$49,169)	(\$41,431)	(\$37,566)	(\$29,481)	(\$23,020)	(\$9,486)	(\$6,484)	(\$6,915)	(\$7,048)	(\$8,910)	(\$271,106)
(23) Ending RDM Recon Balance Under/(Over) Recovery	(\$277,465)	(\$240,139)	(\$191,574)	(\$150,646)	(\$113,453)	(\$84,172)	(\$61,253)	(\$51,844)	(\$45,418)	(\$38,555)	(\$31,551)	(\$22,677)	(\$1,308,749)
(24) Average Monthly Balance Under/(Over) Recovery	(\$284,280)	(\$259,122)	(\$216,158)	(\$171,362)	(\$132,236)	(\$98,913)	(\$72,763)	(\$56,587)	(\$48,660)	(\$42,012)	(\$35,075)	(\$27,132)	
(25) Bk America Rate less 200 Basis Points	2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
(26) Interest Applied	(\$641)	(\$604)	(\$503)	(\$373)	(\$200)	(\$101)	(\$77)	(\$58)	(\$52)	(\$44)	(\$36)	(\$29)	(\$2,718)
(27) RDM Recon Adjustment End Balance Under/(Over) Recovery	(\$278,106)	(\$240,743)	(\$192,077)	(\$151,019)	(\$113,653)	(\$84,273)	(\$61,330)	(\$51,902)	(\$45,470)	(\$38,599)	(\$31,587)	(\$22,706)	(\$1,311,467)
(28) RDM Recon and Recon Adj End Balance Under/(Over) Recovery													(\$994,958)

(6) Sum Lines (2) through (5).
(7) (a) Beginning balance, Docket 4955, Schedule RMS/AEL-1S, Line (16) + monthly interest calculated from April - October at Bk. America rate less 200 basis points.
(19) Sum Lines (15) through (18).
(21) (a) Beginning balance, Docket 4955, RMS/AEL-1S, Line (17).
(28) Line (13) + Line (27).

National Grid - RI Gas
Non-Base Rate / Gas Year Reconciling Components

October 31, 2019 Ending Deferred Balances

Description		Forecast ¹	Actual	Variance
		(a)	(b)	(c) = (b) - (a)
(1)	System Pressure	(\$189,421)	(\$189,669)	(\$248)
(2)	Advanced Gas Technology	\$6	\$8	\$2
(3)	Environmental - DAC	(\$1,250)	(\$72,232)	(\$70,982)
(4)	Arrearage Management	\$4,556	\$328	(\$4,227)
(5)	Previous Reconciliation Factor - Applicable to All	(\$80,616)	(\$88,225)	(\$7,610)
(6)	Previous Reconciliation Factor - Large & Extra Large	\$69,513	\$107,380	\$37,867
(7)	On-System Margin Credits	(\$1)	\$2	\$3
(8)	Pension	\$16,166	\$312,554	\$296,387
(9)	PBOP	\$21,167	\$138,528	\$117,361
(10)	Earnings Sharing Mechanism	\$3	\$4	\$1
(11)	Low Income Discount Recovery	\$1,211,697	\$914,745	(\$296,952)
(12)	RDM			
(13)	RDA Reconciliation	(\$317,816)	(\$138,007)	\$179,809
(14)	RDM Recon Reconciliation	<u>\$26,722</u>	<u>\$23,573</u>	<u>(\$3,148)</u>
(15)	Sub-Total RDM	(\$291,094)	(\$114,433)	\$176,661
(16)	ISR Recon			
(17)	Residential Non-Heating	(\$6,118)	(\$4,489)	\$1,630
(18)	Residential Heating	(\$267,045)	(\$226,222)	\$40,823
(19)	Small C&I	(\$51,018)	(\$40,772)	\$10,246
(20)	Medium C&I	(\$76,860)	(\$72,712)	\$4,147
(21)	Large Low Load C&I	(\$33,420)	(\$783)	\$32,637
(22)	Large High Load C&I	(\$10,340)	\$2,671	\$13,011
(23)	Extra Large Low Load C&I	(\$2,047)	\$279	\$2,326
(24)	Extra Large High Load C&I	<u>(\$11,124)</u>	<u>(\$5,379)</u>	<u>\$5,745</u>
(25)	Sub-Total ISR	(\$457,973)	(\$347,407)	\$110,566
(26)	Total	\$302,753	\$661,582	\$358,829

¹Docket 4955, RMS/AEL-10S, Pages 2-3, 5-7 filed on September 3, 2019.

- (1) See AEL-11, Page 1, Col (g), Line (9)
- (2) See AEL-11, Page 1, Col (g), Line (20)
- (3) See AEL-11, Page 1, Col (g), Line (32)
- (4) See AEL-11, Page 2, Col (g), Line (44)
- (5) See AEL-11, Page 2, Col (g), Line (56)
- (6) See AEL-11, Page 2, Col (g), Line (68)
- (7) See AEL-11, Page 3, Col (g), Line (80)
- (8) See AEL-11, Page 3, Col (g), Line (92)
- (9) See AEL-11, Page 3, Col (g), Lines (104)
- (10) See AEL-11, Page 3, Col (g), Lines (116)
- (11) See AEL-11, Page 3, Col (g), Lines (125)
- (12) See AEL-11, Page 4, Col (g), Lines (18) and (36)
- (16) See AEL-11, Pages 5-8, Col (g), Lines (12), (24), (36), (48), (60), (72), (84), (96)
- (26) Net owed to Company, sum[Lines[(1):(11)] + Line (15) + Line (25)]

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-11
Reconciliations for FY 20

**National Grid – RI Gas
Non-Base Rate / Gas Year Reconciling Components (April 2019 - March 2020)**

	Apr-19 Actual (a)	May-19 Actual (b)	Jun-19 Actual (c)	Jul-19 Actual (d)	Aug-19 Actual (e)	Sep-19 Actual (f)	Oct-19 Actual (g)	Nov-19 Actual (h)	Dec-19 Actual (i)	Jan-20 Actual (j)	Feb-20 Actual (k)	Mar-20 Actual (l)
Pension Adjustment												
(81) Pen Acct Beg. Balance Under/(Over) Recovery	(\$885,193)	(\$584,748)	(\$151,195)	(\$40,549)	\$35,591	\$120,991	\$209,055	\$312,554	\$243,643	\$216,442	\$168,451	\$123,678
(82) Transfer to 2019-2020 Recon Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,166)	\$0	\$0	\$0	\$0
(84) Pension DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$296,387)	\$0	\$0	\$0	\$0
(85) Pension Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$335,714	\$0	\$0	\$0	\$0
(86) Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$335,714	\$0	\$0	\$0	\$0
(87) Actual Pension Revenue	(\$302,557)	(\$434,645)	(\$110,921)	(\$76,148)	(\$85,184)	(\$87,637)	(\$102,835)	\$92,723	\$27,736	\$48,439	\$45,091	\$41,012
(88) Ending Pension Balance Under/(Over) Recovery	(\$582,636)	(\$150,103)	(\$40,274)	\$35,599	\$120,775	\$208,628	\$311,890	\$242,991	\$215,907	\$168,003	\$123,360	\$82,666
(89) Average Monthly Balance Under/(Over) Recovery	(\$733,915)	(\$367,425)	(\$95,734)	(\$2,475)	\$78,183	\$164,810	\$260,472	\$289,352	\$229,775	\$192,223	\$145,906	\$103,172
(90) BK America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(91) Interest Applied	<u>(\$2,111)</u>	<u>(\$1,092)</u>	<u>(\$275)</u>	<u>(\$27)</u>	<u>\$216</u>	<u>\$427</u>	<u>\$664</u>	<u>\$652</u>	<u>\$535</u>	<u>\$448</u>	<u>\$318</u>	<u>\$156</u>
(92) Pension Adjustment End Balance Under/(Over) Recovery	(\$584,748)	(\$151,195)	(\$40,549)	\$35,591	\$120,991	\$209,055	\$312,554	\$243,643	\$216,442	\$168,451	\$123,678	\$82,822
PROP Adjustment												
(93) PROP Acct Beg. Balance Under/(Over) Recovery	(\$1,070,651)	(\$703,679)	(\$460,877)	(\$308,536)	(\$199,265)	(\$94,414)	\$12,964	\$138,528	(\$847,958)	(\$690,745)	(\$499,153)	(\$530,450)
(95) Transfer to 2019-2020 Recon Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$21,167)	\$0	\$0	\$0	\$0
(96) PBOP DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$17,361)	\$0	\$0	\$0	\$0
(97) PBOP Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,251,941)	\$0	\$0	\$0	\$0
(98) Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,251,941)	\$0	\$0	\$0	\$0
(99) Actual PBOP Revenue	(\$369,520)	(\$244,531)	(\$153,446)	(\$110,024)	(\$105,256)	(\$107,483)	(\$125,372)	(\$406,347)	(\$159,003)	(\$192,976)	(\$169,606)	(\$147,278)
(100) Ending PBOP Balance Under/(Over) Recovery	(\$701,131)	(\$459,148)	(\$307,431)	(\$198,512)	(\$94,009)	(\$13,069)	\$138,336	(\$845,594)	(\$688,955)	(\$497,769)	(\$329,547)	(\$183,172)
(101) Average Monthly Balance Under/(Over) Recovery	(\$885,891)	(\$581,414)	(\$384,154)	(\$253,524)	(\$146,637)	(\$40,672)	\$75,650	(\$1,048,768)	(\$768,457)	(\$594,257)	(\$414,350)	(\$256,811)
(102) BK America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(103) Interest Applied	<u>(\$2,548)</u>	<u>(\$1,728)</u>	<u>(\$1,105)</u>	<u>(\$754)</u>	<u>(\$405)</u>	<u>(\$105)</u>	<u>\$193</u>	<u>(\$2,364)</u>	<u>(\$1,790)</u>	<u>(\$1,384)</u>	<u>(\$903)</u>	<u>(\$388)</u>
(104) PBOP Adjustment End Balance Under/(Over) Recovery	(\$703,679)	(\$460,877)	(\$308,536)	(\$199,265)	(\$94,414)	\$12,964	\$138,528	(\$847,958)	(\$690,745)	(\$499,153)	(\$530,450)	(\$183,560)
Earnings Sharing Mechanism												
(105) ESM Acct Beg. Balance Under/(Over) Recovery	\$3	\$3	\$4	\$4	\$4	\$4	\$4	\$4	\$0	\$0	\$0	\$0
(106) Transfer to 2019-2020 Recon Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3)	\$0	\$0	\$0	\$0
(108) ESM DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1)	\$0	\$0	\$0	\$0
(109) ESM Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(110) Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(111) Actual ESM Revenue	\$0	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(112) Ending ESM Balance Under/(Over) Recovery	\$3	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$0	\$0	\$0	\$0
(113) Average Monthly Balance Under/(Over) Recovery	\$3	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$0	\$0	\$0	\$0
(114) BK America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(115) Interest Applied	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
(116) ESM Adjustment End Balance Under/(Over) Recovery	\$3	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$0	\$0	\$0	\$0
Low Income Discount Recovery Adjustment												
(117) LIDRF Acct Beg. Balance Under/(Over) Recovery	\$588,130	\$716,745	\$604,619	\$681,358	\$740,724	\$794,799	\$849,878	0	\$26,274	(\$20,849)	(\$13,598)	(\$9,256)
(118) Actual Discount Credits Applied (cost)	\$691,723	\$466,605	\$298,025	\$215,089	\$213,687	\$218,628	\$255,816	\$397,988	\$707,699	\$867,991	\$734,732	\$767,709
(120) Actual LIDRF Revenue	\$564,981	\$580,692	\$223,133	\$157,834	\$161,728	\$165,675	\$193,194	\$371,743	\$754,828	\$860,700	\$730,366	\$648,913
(121) Ending LIDRF Balance	\$174,871	\$602,658	\$679,511	\$738,613	\$792,683	\$847,752	\$912,500	\$26,245	(\$20,855)	(\$13,557)	(\$9,231)	\$109,540
(122) Average Monthly Balance Under/(Over) Recovery	\$651,500	\$659,702	\$642,065	\$709,986	\$766,703	\$821,275	\$881,189	\$13,122	\$2,700	(\$17,203)	(\$11,415)	\$50,142
(123) BK America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(124) Interest Applied	<u>\$1,874</u>	<u>\$1,961</u>	<u>\$1,847</u>	<u>\$2,111</u>	<u>\$2,116</u>	<u>\$2,126</u>	<u>\$2,245</u>	<u>\$20</u>	<u>\$6</u>	<u>(\$40)</u>	<u>(\$25)</u>	<u>\$76</u>
(125) LIDRF End Balance Under/(Over) Recovery	\$716,745	\$604,619	\$681,358	\$740,724	\$794,799	\$849,878	\$914,745	\$26,274	(\$20,849)	(\$13,598)	(\$9,256)	\$109,616

(71) Docket 4955, RMS/AEL-10S, Page 1, Ln (6)
(72) RMS/MJP-10, Page 8, Ln (8)
(73) Col (h) per Docket 4955, RMS/AEL-5S, Pg 1, Ln (3)
(74) Col (h): Sum Lines [(70)/(73)]
(83) Docket 4955, RMS/AEL-10S, Page 1, Ln (7)
(84) RMS/MJP-10, Page 8, Ln (9)
(85) Col (h) per Docket 4955, RMS/AEL-5S, Pg 1, Ln (9)
(86) Col (h): Sum Lines [(82)/(85)]
(95) Col (h) per Docket 4955, RMS/AEL-10S, Pg 1, Ln (9)

**National Grid - RI Gas
RDA Reconciliation (April 2019 - March 2020)**

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	(m)
Actual Firm Throughput - dekatherms													
(1) Res-NH	40,445	30,945	23,475	17,126	14,390	14,763	16,529	23,516	38,387	50,349	40,120	39,666	349,709
(2) Res-H	2,109,996	1,299,627	694,563	416,620	395,063	410,446	556,332	1,274,538	2,665,432	3,479,544	2,865,695	2,638,016	18,805,870
(3) Small	258,912	145,241	71,282	43,606	45,418	43,046	57,700	143,702	349,921	459,091	421,778	326,172	2,365,869
(4) Medium	651,128	405,015	243,655	155,243	159,451	176,639	204,465	405,663	792,629	943,423	823,210	738,174	5,698,696
(5) Total	3,060,482	1,880,828	1,032,974	632,596	614,323	644,894	835,026	1,847,419	3,846,369	4,932,406	4,150,803	3,742,027	27,220,143
(6) RDM Reconciliation													
(7) RDM Acct Beg. Balance Under/(Over) Recovery	(\$1,843,868)	(\$1,236,278)	(\$881,173)	(\$676,980)	(\$552,062)	(\$431,013)	(\$303,307)	(\$138,007)	(\$10,013,136)	(\$8,678,722)	(\$6,956,352)	(\$5,507,510)	
(8) Transfer to 2019-2020 Recon Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317,816	\$0	\$0	\$0	\$0	
(9) RDM DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$179,809)	\$0	\$0	\$0	\$0	
(10) RDM Balance November 2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,271,482)	\$0	\$0	\$0	\$0	
(11) Interest on RDM Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$202,976)	\$0	\$0	\$0	\$0	
(12) Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,474,458)	\$0	\$0	\$0	\$0	
(13) Actual RDM Revenue	(\$612,014)	(\$358,248)	(\$206,431)	(\$126,741)	(\$122,404)	(\$128,655)	(\$165,862)	(\$484,386)	(\$1,356,158)	(\$1,740,558)	(\$1,462,407)	(\$1,319,628)	
(14) Ending RDM Balance Under/(Over) Recovery	(\$1,231,854)	(\$878,030)	(\$674,742)	(\$550,238)	(\$429,658)	(\$302,358)	(\$137,445)	(\$9,990,072)	(\$8,656,979)	(\$6,938,164)	(\$5,493,945)	(\$4,187,882)	
(15) Average Monthly Balance Under/(Over) Recovery	(\$1,537,861)	(\$1,057,154)	(\$777,957)	(\$613,609)	(\$490,860)	(\$366,685)	(\$220,376)	(\$10,232,265)	(\$9,335,057)	(\$7,808,443)	(\$6,225,149)	(\$4,847,696)	
(16) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%	
(17) Interest Applied	(\$4,424)	(\$3,142)	(\$2,338)	(\$1,824)	(\$1,355)	(\$949)	(\$562)	(\$23,065)	(\$21,744)	(\$18,188)	(\$13,564)	(\$7,318)	(\$98,372)
(18) RDM Recon End Balance Under/(Over) Recovery	(\$1,236,278)	(\$881,173)	(\$676,980)	(\$552,062)	(\$431,013)	(\$303,307)	(\$138,007)	(\$10,013,136)	(\$8,678,722)	(\$6,956,352)	(\$5,507,510)	(\$4,195,200)	
(19) RDM Revenue per rate class													
(20) Res-NH	(\$8,088)	(\$5,894)	(\$4,691)	(\$3,431)	(\$2,867)	(\$2,945)	(\$3,283)	(\$6,166)	(\$13,534)	(\$17,767)	(\$14,135)	(\$13,988)	(\$96,791)
(21) Res-H	(\$421,943)	(\$247,544)	(\$138,802)	(\$83,470)	(\$78,717)	(\$81,883)	(\$110,505)	(\$334,179)	(\$939,782)	(\$1,227,869)	(\$1,009,639)	(\$930,298)	(\$5,604,630)
(22) Small	(\$51,776)	(\$27,665)	(\$14,245)	(\$8,737)	(\$9,049)	(\$8,588)	(\$11,461)	(\$37,678)	(\$123,376)	(\$162,005)	(\$148,600)	(\$115,025)	(\$718,203)
(23) Medium	(\$130,208)	(\$77,145)	(\$48,692)	(\$31,103)	(\$31,771)	(\$35,239)	(\$40,613)	(\$106,363)	(\$279,466)	(\$332,917)	(\$290,033)	(\$260,317)	(\$1,663,868)
(24) Total	(\$612,014)	(\$358,248)	(\$206,431)	(\$126,741)	(\$122,404)	(\$128,655)	(\$165,862)	(\$484,386)	(\$1,356,158)	(\$1,740,558)	(\$1,462,407)	(\$1,319,628)	(\$8,083,492)
(25) RDM Recon Adjustment													
(26) RDM Recon Acct Beg. Balance Under/(Over) Recovery	\$49,181	\$40,114	\$34,498	\$31,457	\$29,610	\$27,848	\$25,993	\$23,573	(\$278,106)	(\$240,743)	(\$192,077)	(\$151,019)	
(27) Transfer to 2019-2020 Recon Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$26,722)	\$0	\$0	\$0	\$0	
(28) RDM DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,148	\$0	\$0	\$0	\$0	
(29) RDM Balance November 2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$291,094)	\$0	\$0	\$0	\$0	
(30) Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$291,094)	\$0	\$0	\$0	\$0	
(31) Actual RDM Recon Revenue	\$9,195	\$5,727	\$3,136	\$1,938	\$1,841	\$1,924	\$2,483	(\$13,629)	(\$37,967)	(\$49,169)	(\$41,431)	(\$37,566)	
(32) Ending RDM Recon Balance Under/(Over) Recovery	\$39,986	\$34,387	\$31,362	\$29,519	\$27,769	\$25,924	\$23,510	(\$277,465)	(\$240,139)	(\$191,574)	(\$150,646)	(\$113,453)	
(33) Average Monthly Balance Under/(Over) Recovery	\$44,584	\$37,251	\$32,930	\$30,488	\$28,689	\$26,886	\$24,752	(\$284,280)	(\$259,122)	(\$216,158)	(\$171,362)	(\$132,236)	
(34) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%	
(35) Interest Applied	\$128	\$111	\$95	\$91	\$79	\$63	\$63	(\$641)	(\$604)	(\$503)	(\$373)	(\$200)	
(36) RDM Recon Adjustment End Balance Under/(Over) Recovery	\$40,114	\$34,498	\$31,457	\$29,610	\$27,848	\$25,993	\$23,573	(\$278,106)	(\$240,743)	(\$192,077)	(\$151,019)	(\$113,653)	

(8) Docket 4955, RMS/AEL-10S, Page 1, Line (18)
(9) RMS/MJP-10, Page 8, Line (13)
(10) Docket 4955, RMS/AEL-1S, Page 1, Line (16)
(11) Beginning balance, Docket 4955, Schedule RMS/AEL-1S, Line (16) + monthly interest calculated from April - October at Bk. America rate less 200 basis points
(12) Col (h) - Sum Lines [(7)-(11)]
(27) Docket 4955, RMS/AEL-10S, Page 1, Line (19)
(28) RMS/MJP-10, Page 8, Line (14)
(29) Docket 4955, RMS/AEL-10S, Page 1, Line (20)
(30) Col (h) - Sum Lines [(26)-(29)]

**National Grid - RI Gas
ISR Reconciliation (April 2019 - March 2020)**

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	30	31	30	31	31	29	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(1) ISR Res-NH Acct Beg. Balance Under/(Over) Recovery	(\$25,112)	(\$19,800)	(\$15,756)	(\$12,681)	(\$10,456)	(\$8,575)	(\$6,641)	(\$4,489)	\$174,309	\$156,552	\$132,838	\$113,705
(2) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,630)	\$0	\$0	\$0	\$0
(3) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6,118)	\$0	\$0	\$0	\$0
(4) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,285	\$0	\$0	\$0	\$0
(5) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,543	\$0	\$0	\$0	\$0
(6) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$182,828	\$0	\$0	\$0	\$0
(7) Actual Res-NH Revenue	(\$5,376)	(\$4,097)	(\$3,116)	(\$2,260)	(\$1,907)	(\$1,953)	(\$2,167)	\$2,803	\$18,142	\$24,050	\$19,402	\$19,073
(8) Ending Res-NH Balance Under/(Over) Recovery	(\$19,736)	(\$15,704)	(\$12,640)	(\$10,421)	(\$8,548)	(\$6,622)	(\$4,474)	\$173,907	\$156,167	\$132,502	\$113,436	\$94,632
(9) Average Monthly Balance Under/(Over) Recovery	(\$22,424)	(\$17,752)	(\$14,198)	(\$11,551)	(\$9,502)	(\$7,598)	(\$5,558)	\$178,368	\$165,238	\$144,527	\$123,137	\$104,168
(10) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(11) Interest Applied	(\$65)	(\$53)	(\$41)	(\$34)	(\$26)	(\$20)	(\$14)	\$402	\$385	\$337	\$268	\$157
(12) ISR Res-NH Recon End Balance Under/(Over) Recovery	(\$19,800)	(\$15,756)	(\$12,681)	(\$10,456)	(\$8,575)	(\$6,641)	(\$4,489)	\$174,309	\$156,552	\$132,838	\$113,705	\$94,789
(13) ISR Res-H Acct Beg. Balance Under/(Over) Recovery	(\$548,836)	(\$432,227)	(\$360,647)	(\$322,752)	(\$300,386)	(\$279,041)	(\$256,763)	(\$226,222)	\$1,953,829	\$1,706,795	\$1,377,066	\$1,104,659
(14) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$40,823)	\$0	\$0	\$0	\$0
(15) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$267,045)	\$0	\$0	\$0	\$0
(16) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,190,744	\$0	\$0	\$0	\$0
(17) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,292	\$0	\$0	\$0	\$0
(18) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,234,036	\$0	\$0	\$0	\$0
(19) Actual Res-H Revenue	(\$118,018)	(\$72,758)	(\$38,876)	(\$23,291)	(\$22,143)	(\$22,971)	(\$31,155)	\$17,876	\$251,292	\$333,316	\$275,107	\$253,130
(20) Ending Res-H Balance Under/(Over) Recovery	(\$430,818)	(\$359,470)	(\$321,771)	(\$299,461)	(\$278,243)	(\$256,070)	(\$225,607)	\$1,949,114	\$1,702,536	\$1,373,478	\$1,101,958	\$851,529
(21) Average Monthly Balance Under/(Over) Recovery	(\$489,827)	(\$395,849)	(\$341,209)	(\$311,107)	(\$289,314)	(\$267,556)	(\$241,185)	\$2,091,575	\$1,828,183	\$1,540,136	\$1,239,512	\$978,094
(22) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(23) Interest Applied	(\$1,409)	(\$1,177)	(\$982)	(\$925)	(\$799)	(\$693)	(\$615)	\$4,715	\$4,258	\$3,587	\$2,701	\$1,476
(24) ISR Res-H Recon End Balance Under/(Over) Recovery	(\$432,227)	(\$360,647)	(\$322,752)	(\$300,386)	(\$279,041)	(\$256,763)	(\$226,222)	\$1,953,829	\$1,706,795	\$1,377,066	\$1,104,659	\$853,005

- (2) RMS/MJP-10, Pg 8, Line (17)
- (3) Dkt 4955, RMS/AEL-8S, Pg 1, Line (3), Col (g)
- (4) Dkt 4955, RMS/AEL-8S, Pg 1, Line (3), Col (f)
- (5) Apr19-Oct19 @ BOA Rate less 200 Basis Points
- (6) Line (4) + Line (5)
- (14) RMS/MJP-10, Pg 8, Line (18)
- (15) Dkt 4955, RMS/MJP-8S, Pg 1, Line (4), Col (g)
- (16) Dkt 4955, RMS/MJP-8S, Pg 1, Line (4), Col (f)
- (17) Apr19-Oct19 @ BOA Rate less 200 Basis Points
- (18) Line (16) + Line (17)

**National Grid - RI Gas
ISR Reconciliation (April 2019 - March 2020)**

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	30	31	30	31	31	29	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(25) ISR Small C&I Act Beg. Balance Under/(Over) Recovery	(\$131,390)	(\$95,418)	(\$75,472)	(\$65,916)	(\$60,013)	(\$54,585)	(\$48,693)	(\$40,772)	\$260,911	\$229,140	\$185,945	\$150,540
(26) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,246)	\$0	\$0	\$0	\$0
(27) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,018)	\$0	\$0	\$0	\$0
(28) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,787	\$0	\$0	\$0	\$0
(29) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,944	\$0	\$0	\$0	\$0
(30) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$306,731	\$0	\$0	\$0	\$0
(31) Actual Small C&I Revenue	(\$36,298)	(\$20,199)	(\$9,759)	(\$6,089)	(\$5,587)	(\$6,025)	(\$8,034)	(\$4,560)	\$32,341	\$43,678	\$35,771	\$35,298
(32) Ending Small C&I Balance Under/(Over) Recovery	(\$95,092)	(\$75,218)	(\$65,713)	(\$59,826)	(\$54,427)	(\$48,559)	(\$40,659)	\$260,272	\$228,570	\$185,462	\$150,173	\$115,241
(33) Average Monthly Balance Under/(Over) Recovery	(\$113,241)	(\$85,318)	(\$70,592)	(\$62,871)	(\$57,220)	(\$51,572)	(\$44,676)	\$283,502	\$244,741	\$207,301	\$168,059	\$132,891
(34) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(35) Interest Applied	(\$326)	(\$254)	(\$203)	(\$187)	(\$158)	(\$134)	(\$114)	\$639	\$570	\$483	\$366	\$201
(36) ISR Small C&I Recon End Balance Under/(Over) Recovery	(\$95,418)	(\$75,472)	(\$65,916)	(\$60,013)	(\$54,585)	(\$48,693)	(\$40,772)	\$260,911	\$229,140	\$185,945	\$150,540	\$115,442
(37) ISR Medium Act Beg. Balance Under/(Over) Recovery	(\$169,904)	(\$136,167)	(\$119,978)	(\$107,574)	(\$99,637)	(\$91,587)	(\$82,607)	(\$72,712)	\$1,791	\$3,658	\$5,639	\$7,379
(38) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,147)	\$0	\$0	\$0	\$0
(39) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$76,860)	\$0	\$0	\$0	\$0
(40) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,899	\$0	\$0	\$0	\$0
(41) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,263	\$0	\$0	\$0	\$0
(42) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,162	\$0	\$0	\$0	\$0
(43) Actual Medium Revenue	(\$34,177)	(\$16,569)	(\$12,731)	(\$8,245)	(\$8,314)	(\$9,205)	(\$10,093)	(\$13,413)	(\$1,860)	(\$1,971)	(\$1,725)	(\$1,446)
(44) Ending Medium Balance Under/(Over) Recovery	(\$135,727)	(\$119,598)	(\$107,247)	(\$99,330)	(\$91,323)	(\$82,382)	(\$72,514)	\$1,715	\$3,651	\$5,629	\$7,365	\$8,825
(45) Average Monthly Balance Under/(Over) Recovery	(\$152,816)	(\$127,882)	(\$113,613)	(\$103,452)	(\$95,480)	(\$86,985)	(\$77,561)	\$33,439	\$2,721	\$4,643	\$6,502	\$8,102
(46) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(47) Interest Applied	(\$440)	(\$380)	(\$327)	(\$308)	(\$264)	(\$225)	(\$198)	\$75	\$6	\$11	\$14	\$12
(48) ISR Medium Recon End Balance Under/(Over) Recovery	(\$136,167)	(\$119,978)	(\$107,574)	(\$99,637)	(\$91,587)	(\$82,607)	(\$72,712)	\$1,791	\$3,658	\$5,639	\$7,379	\$8,837

- (26) RMS/MJP-10, Pg 8, Line (19)
- (27) Dkt 4955, RMS/MJP-8S, Pg 1, Line (5), Col (g)
- (28) Dkt 4955, RMS/MJP-8S, Pg 1, Line (5), Col (f)
- (29) Apr19-Oct19 @ BOA Rate less 200 Basis Points
- (30) Line (28) + Line (29)
- (38) RMS/MJP-10, Pg 8, Line (20)
- (39) Dkt 4955, RMS/MJP-8S, Pg 1, Line (6), Col (g)
- (40) Dkt 4955, RMS/MJP-8S, Pg 1, Line (6), Col (f)
- (41) Apr19-Oct19 @ BOA Rate less 200 Basis Points
- (42) Line (40) + Line (41)

**National Grid - RI Gas
ISR Reconciliation (April 2019 - March 2020)**

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	30	31	30	31	31	29	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(l)
(49) ISR Large LL Acct Beg. Balance Under/(Over) Recovery	(\$93,880)	(\$67,883)	(\$19,347)	(\$14,056)	(\$12,121)	(\$9,133)	(\$5,839)	(\$783)	\$107,081	\$92,528	\$76,281	\$62,754
(50) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$32,637)	\$0	\$0	\$0	\$0
(51) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$33,420)	\$0	\$0	\$0	\$0
(52) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,362	\$0	\$0	\$0	\$0
(53) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,576	\$0	\$0	\$0	\$0
(54) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$132,938	\$0	\$0	\$0	\$0
(55) Actual Large LL Revenue	(\$26,229)	(\$48,666)	(\$5,338)	(\$1,974)	(\$3,018)	(\$3,313)	(\$5,064)	(\$7,292)	\$14,785	\$16,443	\$13,678	\$12,408
(56) Ending Large LL Balance Under/(Over) Recovery	(\$67,651)	(\$19,217)	(\$14,008)	(\$12,082)	(\$9,103)	(\$5,820)	(\$775)	\$106,811	\$92,296	\$76,085	\$62,603	\$50,347
(57) Average Monthly Balance Under/(Over) Recovery	(\$80,765)	(\$43,550)	(\$16,678)	(\$13,069)	(\$10,612)	(\$7,476)	(\$3,307)	\$119,875	\$99,688	\$84,306	\$69,442	\$56,550
(58) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(59) Interest Applied	(\$232)	(\$129)	(\$48)	(\$39)	(\$29)	(\$19)	(\$8)	\$270	\$232	\$196	\$151	\$85
(60) ISR Large LL Recon End Balance Under/(Over) Recovery	(\$67,883)	(\$19,347)	(\$14,056)	(\$12,121)	(\$9,133)	(\$5,839)	(\$783)	\$107,081	\$92,528	\$76,281	\$62,754	\$50,432
(61) ISR Large HL Acct Beg. Balance Under/(Over) Recovery	(\$47,922)	(\$39,739)	(\$25,077)	(\$19,296)	(\$13,750)	(\$8,014)	(\$3,089)	\$2,671	(\$63,747)	(\$56,841)	(\$49,544)	(\$43,306)
(62) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$13,011)	\$0	\$0	\$0	\$0
(63) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,340)	\$0	\$0	\$0	\$0
(64) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$58,141)	\$0	\$0	\$0	\$0
(65) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,149)	\$0	\$0	\$0	\$0
(66) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$59,290)	\$0	\$0	\$0	\$0
(67) Actual Large HL Revenue	(\$8,309)	(\$14,758)	(\$5,845)	(\$5,595)	(\$5,765)	(\$4,940)	(\$5,760)	(\$6,021)	(\$7,047)	(\$7,420)	(\$6,340)	(\$5,819)
(68) Ending Large HL Balance Under/(Over) Recovery	(\$39,613)	(\$24,981)	(\$19,232)	(\$13,701)	(\$7,984)	(\$3,074)	\$2,671	(\$63,609)	(\$56,700)	(\$49,421)	(\$43,205)	(\$37,487)
(69) Average Monthly Balance Under/(Over) Recovery	(\$43,767)	(\$32,360)	(\$22,154)	(\$16,498)	(\$10,867)	(\$5,544)	(\$209)	(\$61,449)	(\$60,224)	(\$53,131)	(\$46,374)	(\$40,396)
(70) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(71) Interest Applied	(\$126)	(\$96)	(\$64)	(\$49)	(\$30)	(\$14)	(\$1)	(\$139)	(\$140)	(\$124)	(\$101)	(\$61)
(72) ISR Large HL Recon End Balance Under/(Over) Recovery	(\$39,739)	(\$25,077)	(\$19,296)	(\$13,750)	(\$8,014)	(\$3,089)	\$2,671	(\$63,747)	(\$56,841)	(\$49,544)	(\$43,306)	(\$37,548)

(50) RMS/MJP-10, Pg 8, Line (21)
(51) Dkt 4955, RMS/MJP-8S, Pg 1, Line (7), Col (g)
(52) Dkt 4955, RMS/MJP-8S, Pg 1, Line (7), Col (f)
(53) Apr 19-Oct 19 @ BOA Rate less 200 Basis Points
(54) Line (52) + Line (53)
(62) RMS/MJP-10, Pg 8, Line (22)
(63) Dkt 4955, RMS/MJP-8S, Pg 1, Line (8), Col (g)
(64) Dkt 4955, RMS/MJP-8S, Pg 1, Line (8), Col (f)
(65) Apr 19-Oct 19 @ BOA Rate less 200 Basis Points
(66) Line (64) + Line (65)

**National Grid - RI Gas
ISR Reconciliation (April 2019 - March 2020)**

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
	30	31	30	31	31	30	31	30	31	31	29	31
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(l)
(73) ISR XL LL Acct Beg. Balance Under/(Over) Recovery	(\$6,649)	(\$4,857)	(\$484)	(\$180)	(\$376)	(\$208)	\$1	\$279	\$71,094	\$57,991	\$47,732	\$38,965
(74) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,326)	\$0	\$0	\$0	\$0
(75) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,047)	\$0	\$0	\$0	\$0
(76) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,495	\$0	\$0	\$0	\$0
(77) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,393	\$0	\$0	\$0	\$0
(78) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71,888	\$0	\$0	\$0	\$0
(79) Actual XL LL Revenue	(\$1,808)	(\$4,380)	(\$305)	\$196	(\$169)	(\$209)	(\$277)	(\$1,092)	\$13,253	\$10,382	\$8,862	\$7,900
(80) Ending XL LL Balance Under/(Over) Recovery	(\$4,840)	(\$476)	(\$179)	(\$375)	(\$207)	\$1	\$278	\$70,933	\$57,841	\$47,609	\$38,871	\$31,065
(81) Average Monthly Balance Under/(Over) Recovery	(\$5,744)	(\$2,666)	(\$331)	(\$278)	(\$292)	(\$103)	\$140	\$71,411	\$64,468	\$52,800	\$43,301	\$35,015
(82) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(83) Interest Applied	(\$17)	(\$8)	(\$1)	(\$1)	(\$1)	(\$0)	\$0	\$161	\$150	\$123	\$94	\$53
(84) ISR XL LL Recon End Balance Under/(Over) Recovery	(\$4,857)	(\$484)	(\$180)	(\$376)	(\$208)	\$1	\$279	\$71,094	\$57,991	\$47,732	\$38,965	\$31,117
(85) ISR XL HL Acct Beg. Balance Under/(Over) Recovery	(\$30,209)	(\$26,817)	(\$18,829)	(\$16,143)	(\$13,435)	(\$10,738)	(\$8,005)	(\$5,379)	(\$48,564)	(\$42,334)	(\$37,992)	(\$33,913)
(86) ISR Recon DAC True-up	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,745)	\$0	\$0	\$0	\$0
(87) FY 2018 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,124)	\$0	\$0	\$0	\$0
(88) FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$39,828)	\$0	\$0	\$0	\$0
(89) Interest Applied on FY19 balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$787)	\$0	\$0	\$0	\$0
(90) Total FY 2019 Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$40,615)	\$0	\$0	\$0	\$0
(91) Actual XL HL Revenue	(\$3,474)	(\$8,055)	(\$2,736)	(\$2,752)	(\$2,730)	(\$2,757)	(\$2,644)	(\$3,276)	(\$6,336)	(\$4,435)	(\$4,158)	(\$3,536)
(92) Ending XL HL Balance Under/(Over) Recovery	(\$26,735)	(\$18,762)	(\$16,093)	(\$13,391)	(\$10,705)	(\$7,981)	(\$5,362)	(\$48,464)	(\$42,228)	(\$37,899)	(\$33,834)	(\$30,377)
(93) Average Monthly Balance Under/(Over) Recovery	(\$28,472)	(\$22,789)	(\$17,461)	(\$14,767)	(\$12,070)	(\$9,360)	(\$6,683)	(\$44,540)	(\$45,396)	(\$40,116)	(\$35,913)	(\$32,145)
(94) Bk America Rate less 200 Basis Points	3.50%	3.50%	3.50%	3.50%	3.25%	3.15%	3.00%	2.75%	2.75%	2.75%	2.75%	1.78%
(95) Interest Applied	(\$82)	(\$68)	(\$50)	(\$44)	(\$33)	(\$24)	(\$17)	(\$100)	(\$106)	(\$93)	(\$78)	(\$49)
(96) ISR XL HL Recon End Balance Under/(Over) Recovery	(\$26,817)	(\$18,829)	(\$16,143)	(\$13,435)	(\$10,738)	(\$8,005)	(\$5,379)	(\$48,564)	(\$42,334)	(\$37,992)	(\$33,913)	(\$30,425)

(74) RMS/MJP-10, Pg 8, Line (23)
(75) Dkt 4955, RMS/MJP-8S, Pg 1, Line (9), Col (g)
(76) Dkt 4955, RMS/MJP-8S, Pg 1, Line (9), Col (f)
(77) Apr19-Oct19 @ BOA Rate less 200 Basis Points
(78) Line (76) + Line (77)
(86) RMS/MJP-10, Pg 8, Line (24)
(87) Dkt 4955, RMS/MJP-8S, Pg 1, Line (10), Col (g)
(88) Dkt 4955, RMS/MJP-8S, Pg 1, Line (10), Col (f)
(89) Apr19-Oct19 @ BOA Rate less 200 Basis Points
(90) Line (88) + Line (89)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-12
Earnings Sharing Mechanism Factor

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

(1)	Revised Total Earnings Credited to DAC - Calendar Year 2018	(\$461,331)
(2)	Firm Throughput	39,648,231 dth
(3)	ESM Factor	(\$0.0110) per dth
(4)	ESM Factor	(\$0.0011) per therm

- (1) Revised Earnings Sharing Report for the twelve months ending December 31, 2018 in Docket 5040 filed on August 3, 2020.
- (2) Company Forecast
- (3) Line (1) ÷ Line (2)
- (4) Line (3) ÷ 10, truncated to 4 decimal places

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-13 Second Revision
Low Income Discount Recovery Factor

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

(1)	Estimated Discount Provided, Rate Year	\$6,119,893
(2)	Forecasted Therms, Rate Year	<u>380,543,100</u>
(3)	Low Income Discount Recovery Factor	\$0.0161

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

Narragansett Gas
Calculation of Estimated Gas Low Income Discount

	Rate Year			Rate Year			Total
	Rate 11	Rate 11	Charges	Rate 13	Rate 13	Charges	
	<u>Units</u>	<u>Rate</u>		<u>Units</u>	<u>Rate</u>		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
(1) Customer Charge	5,970	\$14.00	\$83,580	186,413	\$14.00	\$2,609,782	\$2,693,362
(2) LIHEAP Enhancement Surcharge	5,970	\$0.80	\$4,776	186,413	\$0.80	\$149,130	\$153,906
(3) Distribution Charge Peak	112,454	\$0.6145	\$69,103	12,682,063	\$0.5933	\$7,524,268	\$7,593,371
(4) Distribution Charge Off Peak				3,144,689	\$0.5317	\$1,672,031	\$1,672,031
(5) DAC	112,454	\$0.1907	\$21,445	15,826,752	\$0.0989	\$1,565,266	\$1,586,711
(6) Energy Efficiency Program Charge	112,454	\$0.1011	<u>\$11,369</u>	15,826,752	\$0.1011	<u>\$1,600,085</u>	<u>\$1,611,454</u>
(7) Total Delivery Service Charges			\$190,273			\$15,120,561	\$15,310,835
(8) Commodity Charge	112,454	\$0.5093	<u>\$57,273</u>	15,826,752	\$0.5757	<u>\$9,111,461</u>	<u>\$9,168,734</u>
(9) Total			\$247,546			\$24,232,023	\$24,479,569
(10) Low Income Discount Percentage			<u>25%</u>			<u>25%</u>	
(11) Low Income Discount			\$61,887			\$6,058,006	\$6,119,893

Column Descriptions:

- Column (a) & (d): Company Forecast
- Column (b) & (e), Line (1) & (3): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D
- Column (b) & (e), Line (2): Approved LIHEAP surcharge effective January 1, 2020 per Docket 4290
- Column (b) & (e), Line (5): Proposed DAC factor effective November 1, 2020 per Docket 5040
- Column (b) & (e), Line (6): Approved EE factor effective January 1, 2020 per Docket 4979
- Column (b) & (e), Line (8): Proposed GCR factor effective November 1, 2020 per Docket 5066
- Column (c), Lines (1)-(6), (8): Col (a) * Col (b)
- Column (f), Lines (1)-(6), (8): Col (d) * Col (e)
- Column (g), Lines (1)-(6), (8): Col (c) + Col (f)
- Line (7): Sum of Lines (1):(6)
- Line (9): Line (7) + Line (8)
- Line (10): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D
- Line (11): Line (9) * Line (10)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-14
Storm Net Revenue Factor

**National Grid - RI Gas
Storm Net Revenue Factor
Effective November 1, 2020**

(1)	Storm Net Revenue	(\$17,735)
(2)	Customer Share Percentage	75.00%
(3)	Customer Share	(\$13,302)
(4)	Firm Throughput	39,648,231 dths
(5)	Storm Contingency Fund Factor per dth	\$0.0000 per dth
(6)	Storm Contingency Fund Factor per therm	\$0.0000 per therm

- (1) Per Settlement Agreement in Docket No. 4686/4770
- (2) Per Settlement Agreement in Docket No. 4686/4770
- (3) Line (1) * Line (2)
- (4) Company Forecast
- (5) Line (3) ÷ Line (4)
- (6) Line (5) ÷ 10, truncated to 4 decimal places

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC DOCKET NO. 5040
SECOND REVISION - SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: RYAN M. SCHEIB & MICHAEL J. PINI

Schedule RMS/MJP-15 Second Revision
Bill Impact Analysis

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

Residential Non-Heating:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(31)													
(32)													
(33)													
(34)													
(35)	144	\$390.37	\$387.08	\$3.29	0.8%	\$0.00	\$3.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10	\$0.11
(36)	158	\$410.55	\$406.91	\$3.64	0.9%	\$0.00	\$3.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.12	\$0.13
(37)	172	\$430.72	\$426.77	\$3.95	0.9%	\$0.00	\$3.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14	\$0.15
(38)	189	\$455.18	\$450.85	\$4.33	1.0%	\$0.00	\$4.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16	\$0.17
(39)	202	\$473.92	\$469.28	\$4.64	1.0%	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.18	\$0.19
(40)	220	\$499.77	\$494.73	\$5.04	1.0%	\$0.00	\$4.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.20	\$0.21
(41)	238	\$525.69	\$520.26	\$5.43	1.1%	\$0.00	\$5.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.22
(42)	251	\$544.43	\$538.71	\$5.72	1.1%	\$0.00	\$5.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.22	\$0.23
(43)	268	\$568.87	\$562.72	\$6.15	1.1%	\$0.00	\$5.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.23	\$0.24
(44)	282	\$589.05	\$582.58	\$6.47	1.1%	\$0.00	\$6.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.25
(45)	297	\$610.65	\$603.84	\$6.80	1.1%	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.25	\$0.26

Residential Non-Heating Low Income:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(46)													
(47)													
(48)													
(49)													
(50)	144	\$290.96	\$288.76	\$2.20	0.8%	\$0.00	(\$0.71)	\$2.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07
(51)	158	\$305.91	\$303.49	\$2.42	0.8%	\$0.00	(\$0.78)	\$3.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07
(52)	172	\$320.84	\$318.22	\$2.62	0.8%	\$0.00	(\$0.85)	\$3.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.08
(53)	189	\$338.98	\$336.09	\$2.90	0.9%	\$0.00	(\$0.94)	\$3.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.09
(54)	202	\$352.87	\$349.77	\$3.10	0.9%	\$0.00	(\$1.00)	\$4.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.09
(55)	220	\$372.04	\$368.68	\$3.36	0.9%	\$0.00	(\$1.09)	\$4.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10
(56)	238	\$391.25	\$387.61	\$3.63	0.9%	\$0.00	(\$1.17)	\$4.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.11
(57)	251	\$405.13	\$401.31	\$3.82	1.0%	\$0.00	(\$1.24)	\$4.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.11
(58)	268	\$423.26	\$419.15	\$4.11	1.0%	\$0.00	(\$1.33)	\$5.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.12
(59)	282	\$438.19	\$433.90	\$4.29	1.0%	\$0.00	(\$1.39)	\$5.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.13
(60)	297	\$454.22	\$449.67	\$4.55	1.0%	\$0.00	(\$1.47)	\$5.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14

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

C & I Small:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(61)													
(62)													
(63)													
(64)													
(65)	830	\$1,369.31	\$1,315.68	\$53.63	4.1%	\$0.00	\$52.02	\$0.00	\$0.00	\$0.00	\$0.00	\$1.61	
(66)	919	\$1,481.83	\$1,422.43	\$59.40	4.2%	\$0.00	\$57.62	\$0.00	\$0.00	\$0.00	\$0.00	\$1.78	
(67)	1,010	\$1,597.01	\$1,531.73	\$65.28	4.3%	\$0.00	\$63.32	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	
(68)	1,099	\$1,709.57	\$1,638.54	\$71.03	4.3%	\$0.00	\$68.90	\$0.00	\$0.00	\$0.00	\$0.00	\$2.13	
(69)	1,187	\$1,820.98	\$1,744.24	\$76.74	4.4%	\$0.00	\$74.44	\$0.00	\$0.00	\$0.00	\$0.00	\$2.30	
(70)	1,277	\$1,934.86	\$1,852.32	\$82.55	4.5%	\$0.00	\$80.07	\$0.00	\$0.00	\$0.00	\$0.00	\$2.48	
(71)	1,367	\$2,048.67	\$1,960.32	\$88.35	4.5%	\$0.00	\$85.70	\$0.00	\$0.00	\$0.00	\$0.00	\$2.65	
(72)	1,456	\$2,161.27	\$2,067.15	\$94.11	4.6%	\$0.00	\$91.29	\$0.00	\$0.00	\$0.00	\$0.00	\$2.82	
(73)	1,544	\$2,272.66	\$2,172.86	\$99.80	4.6%	\$0.00	\$96.81	\$0.00	\$0.00	\$0.00	\$0.00	\$2.99	
(74)	1,635	\$2,387.80	\$2,282.14	\$105.66	4.6%	\$0.00	\$102.49	\$0.00	\$0.00	\$0.00	\$0.00	\$3.17	
(75)	1,725	\$2,501.60	\$2,390.12	\$111.47	4.7%	\$0.00	\$108.13	\$0.00	\$0.00	\$0.00	\$0.00	\$3.34	

C & I Medium:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(76)													
(77)													
(78)													
(79)													
(80)	6,907	\$8,580.84	\$8,076.72	\$504.12	6.2%	\$0.00	\$489.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.12	
(81)	7,650	\$9,389.89	\$8,831.51	\$558.38	6.3%	\$0.00	\$541.63	\$0.00	\$0.00	\$0.00	\$0.00	\$16.75	
(82)	8,391	\$10,196.24	\$9,583.81	\$612.43	6.4%	\$0.00	\$594.06	\$0.00	\$0.00	\$0.00	\$0.00	\$18.37	
(83)	9,136	\$11,007.27	\$10,340.45	\$666.82	6.4%	\$0.00	\$646.82	\$0.00	\$0.00	\$0.00	\$0.00	\$20.00	
(84)	9,880	\$11,817.28	\$11,096.17	\$721.11	6.5%	\$0.00	\$699.48	\$0.00	\$0.00	\$0.00	\$0.00	\$21.63	
(85)	10,623	\$12,626.36	\$11,850.97	\$775.39	6.5%	\$0.00	\$752.13	\$0.00	\$0.00	\$0.00	\$0.00	\$23.26	
(86)	11,366	\$13,435.33	\$12,605.73	\$829.60	6.6%	\$0.00	\$804.71	\$0.00	\$0.00	\$0.00	\$0.00	\$24.89	
(87)	12,111	\$14,246.36	\$13,362.36	\$884.00	6.6%	\$0.00	\$857.48	\$0.00	\$0.00	\$0.00	\$0.00	\$26.52	
(88)	12,855	\$15,056.41	\$14,118.11	\$938.30	6.6%	\$0.00	\$910.15	\$0.00	\$0.00	\$0.00	\$0.00	\$28.15	
(89)	13,596	\$15,862.78	\$14,870.39	\$992.38	6.7%	\$0.00	\$962.61	\$0.00	\$0.00	\$0.00	\$0.00	\$29.77	
(90)	14,340	\$16,672.77	\$15,626.10	\$1,046.67	6.7%	\$0.00	\$1,015.27	\$0.00	\$0.00	\$0.00	\$0.00	\$31.40	

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

C & I LLF Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Difference due to:			LIHEAP	GET
							Base DAC	DAC	ISR		
(91)											
(92)											
(93)											
(94)											
(95)	37,587	\$43,335.05	\$42,408.95	\$926.10	2.2%	\$0.00	\$898.32	\$0.00	\$0.00	\$0.00	\$27.78
(96)	41,634	\$47,733.13	\$46,707.29	\$1,025.84	2.2%	\$0.00	\$995.06	\$0.00	\$0.00	\$0.00	\$30.78
(97)	45,683	\$52,133.78	\$51,008.17	\$1,125.61	2.2%	\$0.00	\$1,091.84	\$0.00	\$0.00	\$0.00	\$33.77
(98)	49,731	\$56,533.52	\$55,308.17	\$1,225.35	2.2%	\$0.00	\$1,188.59	\$0.00	\$0.00	\$0.00	\$36.76
(99)	53,777	\$60,930.61	\$59,605.61	\$1,325.00	2.2%	\$0.00	\$1,285.25	\$0.00	\$0.00	\$0.00	\$39.75
(100)	57,825	\$65,330.32	\$63,905.56	\$1,424.76	2.2%	\$0.00	\$1,382.02	\$0.00	\$0.00	\$0.00	\$42.74
(101)	61,873	\$69,730.01	\$68,205.51	\$1,524.49	2.2%	\$0.00	\$1,478.76	\$0.00	\$0.00	\$0.00	\$45.73
(102)	65,920	\$74,128.08	\$72,503.86	\$1,624.22	2.2%	\$0.00	\$1,575.49	\$0.00	\$0.00	\$0.00	\$48.73
(103)	69,967	\$78,526.85	\$76,802.91	\$1,723.95	2.2%	\$0.00	\$1,672.23	\$0.00	\$0.00	\$0.00	\$51.72
(104)	74,016	\$82,927.51	\$81,103.83	\$1,823.68	2.2%	\$0.00	\$1,768.97	\$0.00	\$0.00	\$0.00	\$54.71
(105)	78,063	\$87,325.59	\$85,402.20	\$1,923.38	2.3%	\$0.00	\$1,865.68	\$0.00	\$0.00	\$0.00	\$57.70

C & I HLF Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Difference due to:			LIHEAP	GET
							Base DAC	DAC	ISR		
(106)											
(107)											
(108)											
(109)											
(110)	41,956	\$40,176.63	\$38,943.92	\$1,232.71	3.2%	\$0.00	\$1,195.73	\$0.00	\$0.00	\$0.00	\$36.98
(111)	46,471	\$44,232.99	\$42,867.61	\$1,365.38	3.2%	\$0.00	\$1,324.42	\$0.00	\$0.00	\$0.00	\$40.96
(112)	50,991	\$48,293.42	\$46,795.21	\$1,498.21	3.2%	\$0.00	\$1,453.26	\$0.00	\$0.00	\$0.00	\$44.95
(113)	55,507	\$52,350.56	\$50,719.71	\$1,630.86	3.2%	\$0.00	\$1,581.93	\$0.00	\$0.00	\$0.00	\$48.93
(114)	60,028	\$56,411.79	\$54,648.08	\$1,763.71	3.2%	\$0.00	\$1,710.80	\$0.00	\$0.00	\$0.00	\$52.91
(115)	64,545	\$60,469.73	\$58,573.33	\$1,896.40	3.2%	\$0.00	\$1,839.51	\$0.00	\$0.00	\$0.00	\$56.89
(116)	69,062	\$64,527.72	\$62,498.56	\$2,029.15	3.2%	\$0.00	\$1,968.28	\$0.00	\$0.00	\$0.00	\$60.87
(117)	73,583	\$68,588.91	\$66,426.93	\$2,161.98	3.3%	\$0.00	\$2,097.12	\$0.00	\$0.00	\$0.00	\$64.86
(118)	78,099	\$72,646.08	\$70,351.42	\$2,294.66	3.3%	\$0.00	\$2,225.82	\$0.00	\$0.00	\$0.00	\$68.84
(119)	82,619	\$76,706.44	\$74,278.99	\$2,427.45	3.3%	\$0.00	\$2,354.63	\$0.00	\$0.00	\$0.00	\$72.82
(120)	87,137	\$80,766.18	\$78,205.96	\$2,560.23	3.3%	\$0.00	\$2,483.42	\$0.00	\$0.00	\$0.00	\$76.81

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

C & I LLF Extra-Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(121)													
(122)													
(123)													
(124)													
(125)	233,835	\$199,880.39	\$194,239.43	\$5,640.96	2.9%	\$0.00	\$5,471.73	\$0.00	\$0.00	\$0.00	\$169.23	\$0.00	\$187.45
(126)	259,019	\$220,739.99	\$214,491.49	\$6,248.49	2.9%	\$0.00	\$6,061.04	\$0.00	\$0.00	\$0.00	\$187.45	\$0.00	\$205.68
(127)	284,197	\$241,595.26	\$234,739.37	\$6,855.89	2.9%	\$0.00	\$6,650.21	\$0.00	\$0.00	\$0.00	\$223.90	\$0.00	\$242.13
(128)	309,381	\$262,454.81	\$254,991.37	\$7,463.44	2.9%	\$0.00	\$7,239.54	\$0.00	\$0.00	\$0.00	\$242.13	\$0.00	\$260.35
(129)	334,562	\$283,312.25	\$275,241.39	\$8,070.86	2.9%	\$0.00	\$7,828.73	\$0.00	\$0.00	\$0.00	\$260.35	\$0.00	\$278.58
(130)	359,745	\$304,171.12	\$295,492.76	\$8,678.36	2.9%	\$0.00	\$8,418.01	\$0.00	\$0.00	\$0.00	\$278.58	\$0.00	\$296.80
(131)	384,928	\$325,030.00	\$315,744.10	\$9,285.91	2.9%	\$0.00	\$9,007.33	\$0.00	\$0.00	\$0.00	\$315.03	\$0.00	\$333.25
(132)	410,110	\$345,888.12	\$335,994.74	\$9,893.38	2.9%	\$0.00	\$9,596.58	\$0.00	\$0.00	\$0.00	\$333.25	\$0.00	\$351.47
(133)	435,293	\$366,746.96	\$356,246.12	\$10,500.85	2.9%	\$0.00	\$10,185.82	\$0.00	\$0.00	\$0.00	\$351.47	\$0.00	\$379.70
(134)	460,471	\$387,602.24	\$376,493.96	\$11,108.28	3.0%	\$0.00	\$10,775.03	\$0.00	\$0.00	\$0.00	\$379.70	\$0.00	\$407.93
(135)	485,655	\$408,461.87	\$396,746.04	\$11,715.82	3.0%	\$0.00	\$11,364.35	\$0.00	\$0.00	\$0.00	\$407.93	\$0.00	\$436.16

C & I HLF Extra-Large:

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Difference due to:							
						GCR	Base DAC	ISR	EE	LIHEAP	GET		
(136)													
(137)													
(138)													
(139)													
(140)	486,528	\$363,006.81	\$348,862.38	\$14,144.43	4.1%	\$0.00	\$13,720.10	\$0.00	\$0.00	\$0.00	\$424.33	\$0.00	\$470.03
(141)	538,924	\$401,433.46	\$385,765.76	\$15,667.70	4.1%	\$0.00	\$15,197.67	\$0.00	\$0.00	\$0.00	\$470.03	\$0.00	\$515.73
(142)	591,320	\$439,859.30	\$422,668.35	\$17,190.95	4.1%	\$0.00	\$16,675.22	\$0.00	\$0.00	\$0.00	\$515.73	\$0.00	\$561.43
(143)	643,718	\$478,287.16	\$459,572.90	\$18,714.27	4.1%	\$0.00	\$18,152.84	\$0.00	\$0.00	\$0.00	\$561.43	\$0.00	\$607.12
(144)	696,109	\$516,709.71	\$496,472.33	\$20,237.38	4.1%	\$0.00	\$19,630.26	\$0.00	\$0.00	\$0.00	\$607.12	\$0.00	\$652.82
(145)	748,506	\$555,137.00	\$533,376.31	\$21,760.69	4.1%	\$0.00	\$21,107.87	\$0.00	\$0.00	\$0.00	\$652.82	\$0.00	\$698.52
(146)	800,903	\$593,564.22	\$570,280.22	\$23,284.00	4.1%	\$0.00	\$22,585.48	\$0.00	\$0.00	\$0.00	\$698.52	\$0.00	\$744.21
(147)	853,294	\$631,986.76	\$607,179.63	\$24,807.13	4.1%	\$0.00	\$24,062.92	\$0.00	\$0.00	\$0.00	\$744.21	\$0.00	\$789.91
(148)	905,692	\$670,414.68	\$644,084.24	\$26,330.43	4.1%	\$0.00	\$25,540.52	\$0.00	\$0.00	\$0.00	\$789.91	\$0.00	\$835.61
(149)	958,088	\$708,840.44	\$680,986.76	\$27,853.68	4.1%	\$0.00	\$27,018.07	\$0.00	\$0.00	\$0.00	\$835.61	\$0.00	\$881.31
(150)	1,010,485	\$747,267.68	\$717,890.68	\$29,377.00	4.1%	\$0.00	\$28,495.69	\$0.00	\$0.00	\$0.00	\$881.31	\$0.00	\$927.01

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 9, 2020
Date

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

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