

May 15, 2020

**BY FIRST-CLASS MAIL & ELECTRONIC MAIL**

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

**RE: National Grid Electric Revenue Decoupling Mechanism Reconciliation Filing  
Year Ending March 31, 2020  
Docket No. 5030**

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I have enclosed the Company's annual Revenue Decoupling Mechanism (RDM) reconciliation for the 12-month period ending March 31, 2020. The Company submits this filing pursuant to the Company's electric RDM Provision, RIPUC No. 2218, which the Rhode Island Public Utilities Commission (PUC) approved in Docket No. 4770. Pursuant to the electric RDM Provision, the Company is required to submit its annual RDM reconciliation by May 15 of each year. The reconciliation compares the Annual Target Revenue to actual billed distribution revenue for the RDM year ending March 31, 2020.

This filing includes the testimony and schedules of Mr. Daniel E. Gallagher. In his testimony, Mr. Gallagher describes the RDM Provision and the reconciliation. The RDM reconciliation amount for the 12-month period ending March 31, 2020 is an under-recovery of \$7,918,877. This amount was then adjusted by: (1) \$218,926 in Net Unbilled Standard Offer Service (SOS) Billing Adjustments originally proposed and approved by the PUC in Docket No. 5005; (2) Estimated Interest during the recovery period of \$131,743 and; (3) Customer Shared Earnings of \$947,000 included in the Company's Earnings Report for the twelve months ended December 31, 2019. These adjustments result in a net charge to customers of approximately \$7.3 million and a proposed RDM Adjustment Factor of \$0.00104 per kWh applicable to all customers, effective July 1, 2020. The impact of the proposed RDM adjustment factor on the monthly bill of a typical residential customer using 500 kWhs per month is an increase of \$0.87, or 0.8%, from \$108.08 to \$108.95.

# Robinson+Cole

May 15, 2020

Page 2

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

Very truly yours,

A handwritten signature in cursive script that reads "Leticia Pimentel".

Leticia C. Pimentel

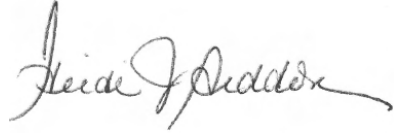
Enclosures

cc: Leo Wold, Esq.  
John Bell, Division

Certificate of Service

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

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



\_\_\_\_\_  
Heidi J. Seddon

May 15, 2020

Date

**Docket No. 5030 - National Grid – 2020 Electric Revenue Decoupling Mechanism (RDM) Reconciliation Filing**

**Service List updated 5/15/2020**

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The Narragansett Electric Company  
d/b/a National Grid

**2020 Electric Revenue Decoupling  
Mechanism Reconciliation Filing**

Consisting of the  
Direct Testimony and Schedules of  
Daniel E. Gallagher

May 15, 2020

Submitted to:  
Rhode Island Public Utilities Commission  
RIPUC Docket No. 5030

Submitted by:

**nationalgrid**

**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5030  
FY 2020 ELECTRIC REVENUE DECOUPLING  
MECHANISM RECONCILIATION FILING  
WITNESS: DANIEL E. GALLAGHER**

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**DIRECT TESTIMONY**

**OF**

**DANIEL E. GALLAGHER**

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1 **I. Introduction and Qualifications**

2 **Q. Please state your full name and business address.**

3 A. My name is Daniel E. Gallagher and my business address is 40 Sylvan Road, Waltham,  
4 Massachusetts 02451.

5

6 **Q. By whom are you employed and in what capacity?**

7 A. My position is Analyst, New England Electric Pricing, in the Strategy and Regulation  
8 department of National Grid USA Service Company, Inc. (National Grid). This  
9 department provides rate-related support to The Narragansett Electric Company d/b/a  
10 National Grid (the Company).

11

12 **Q. Please describe your educational background.**

13 A. I earned a Bachelor of Science in Accounting from Framingham State University in 2013.

14

15 **Q. Please describe your professional experience?**

16 A. In October 2015, I began my career as a pricing analyst at Granite Telecommunications  
17 in Quincy, Massachusetts. In June 2016, I was promoted to pricing analyst II. My  
18 responsibilities included auditing customer accounts and maintaining the pricing and  
19 billing databases to ensure accuracy. In January 2018, I was hired by National Grid as an  
20 Electric Pricing Analyst in the Strategy and Regulation group, performing electric rate  
21 analysis for National Grid USA's New England service territory.

1 **Q. Have you previously testified before the Rhode Island Public Utilities Commission**  
2 **(PUC)?**

3 A. No, I have not.  
4

5 **II. Purpose of Testimony**

6 **Q. What is the purpose of your testimony?**

7 A. The purpose of my testimony is to support the Company's proposal for an RDM  
8 Adjustment Factor of \$0.00104 per kWh, applicable to all customers, effective July 1,  
9 2020. The calculation of the proposed RDM Adjustment Factor is presented in Schedule  
10 DEG-1, Page 1, and is designed to recover \$7.3 million, which includes the net under-  
11 recovery balance of approximately \$7.9 million resulting from the RDM reconciliation  
12 for the year ending March 31, 2020 (2020 RDM Year).  
13

14 In addition, through the proposed RDM Adjustment Factor, the Company is requesting  
15 approval to recover from customers \$218,926 in Net Unbilled Standard Offer Service  
16 (SOS) Billing Adjustments originally presented to the PUC in Docket No. 5005, the  
17 Company's 2020 Annual Retail Rate Filing.<sup>1</sup> The proposed factor of \$0.00104 per kWh  
18 includes this Net Unbilled SOS Billing Adjustment. In Docket No. 5005, the Company

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<sup>1</sup> This adjustment is pursuant to the PUC's July 2, 2015 Open Meeting decision in Docket No. 4556. In Docket No. 4556, associated with the Company's SOS Procurement Plan, the PUC ruled to eliminate assessing individual customers the billing adjustment for those customers billed for SOS on a six-month fixed rate and who left SOS to receive their electric supply from a non-regulated power producer.



1 reversed the impact that resulted from no longer billing the SOS billing adjustment for  
2 calendar year (CY) 2019 in the CY 2019 SOS reconciliation and requested that this CY  
3 2019 impact be reflected in the RDM Adjustment Factor effective July 1, 2020. The  
4 PUC approved the Company's proposal in Docket No. 5005.

5  
6 Finally, the Company is requesting approval to credit to customers through the proposed  
7 RDM Adjustment Factor \$947,000 of Customer Shared Earnings presented in the  
8 Company's Earnings Report for the twelve months ended December 31, 2019, described  
9 in detail later in my testimony.

10  
11 My testimony will also provide the status of the 2018 RDM Year under-recovery and the  
12 2019 RDM Year over-recovery resulting from each of those RDM Year's reconciliation.  
13 This filing is submitted in compliance with R.I. Gen. Laws § 39-1-27.7.1 (the Decoupling  
14 Act) and pursuant to the Company's RDM Provision, RIPUC No. 2218.

15  
16 **Q. Are you presenting any schedules in support of the Company's proposal in this**  
17 **filing?**

18 **A.** Yes. I am presenting the following four schedules in support of the Company's proposal  
19 in this filing:

20 Schedule DEG-1 RDM Adjustment Factor and RDM Reconciliations

21 Schedule DEG-2 Net Unbilled SOS Billing Adjustments

1 Schedule DEG-3 Electric Earnings Sharing Mechanism Report

2 Schedule DEG-4 Typical Bills

3

4 **Q. Is the Company proposing changes to its Summary of Retail Delivery Service Rates,**  
5 **RIPUC No. 2095?**

6 A. No, not at this time. The Company has proposed a Performance Incentive Factor,  
7 changes in the Long-Term Contracting for Renewable Energy (LTC) Recovery Factor,  
8 new Arrearage Management Adjustment Factor (AMAF), and Low Income Discount  
9 Recovery Factor (LIDRF) in separate filings that would, if approved, also take effect on  
10 July 1, 2020. Therefore, to avoid the confusion that may arise from filing multiple  
11 versions of the Summary of Retail Delivery Service Rates, the Company will file a  
12 revised Summary of Retail Delivery Service Rates that incorporates all rate changes  
13 effective July 1, 2020 once the PUC has ruled on these proposals.

14

15 **III. RDM Reconciliation**

16 **Q. Please describe the Company's RDM reconciliation.**

17 A. Pursuant to the RDM Provision, the Company is required to submit its annual RDM  
18 reconciliation by May 15 of each year for the fiscal year ending on March 31 (RDM  
19 Year). The Company's RDM reconciliation compares the Annual Target Revenue to  
20 actual billed distribution revenue for the RDM Year. The Annual Target Revenue is the  
21 annual distribution revenue requirement, as approved by the PUC in a general rate case,

1 less any adjustments to that revenue requirement that have been approved by the PUC.

2 The “RDM Reconciliation Amount” is the difference (either positive or negative)  
3 between the actual billed distribution revenue and the Annual Target Revenue for the  
4 RDM Year. The RDM Reconciliation Amount, including interest at the rate paid on  
5 customer deposits, is the basis for the RDM Adjustment Factor. The RDM Adjustment  
6 Factor is a uniform per-kWh charge or credit that is applicable to all customers and is  
7 typically effective for usage on and after July 1.

8  
9 **IV. RDM Reconciliation for the 2020 RDM Year**

10 **A. Annual Target Revenue**

11 **Q. Please describe the Company’s Annual Target Revenue.**

12 A. As stated above, the Annual Target Revenue is the annual distribution revenue  
13 requirement as approved by the PUC in a general rate case, less any adjustments to that  
14 revenue requirement that have been approved by the PUC. The Annual Target Revenue  
15 for the 2020 RDM Year is \$290,698,140, as shown on Page 3, of Schedule DEG-1. This  
16 amount represents the portions of the revenue requirement approved by the PUC in the  
17 Company’s general rate case in Docket No. 4770 for Rate Year 1 and Rate Year 2 that  
18 are associated with the 2020 RDM Year of April 2019 through March 2020.

19

20

21

1           **B.     Billed Distribution Revenue**

2           **Q.     What is the annual billed distribution revenue for the 2020 RDM Year?**

3           A.     As shown on Schedule DEG-1, Page 2, Column (c), Line (14), the annual billed  
4           distribution revenue for the 2020 RDM Year is \$282,715,269.

5  
6           **Q.     What is included in the annual billed distribution revenue?**

7           A.     Billed distribution revenue represents revenue generated from the Company's base  
8           distribution rates and includes: customer charges, distribution energy charges,  
9           distribution demand charges, high voltage metering and delivery credits under the  
10          Company's general service rate classes, luminaire and pole charges under the Company's  
11          street and area lighting rate classes, and revenue generated by the charges billed to  
12          customers who opt out of having a Company-owned Automatic Meter Reading device at  
13          their homes, as provided under Section 10 of the Company's Terms and Conditions for  
14          Distribution Service. Billed distribution revenue is the revenue that supports the  
15          Company's distribution cost of service. Schedule DEG-1, Page 4, provides the detail  
16          behind billed distribution revenue.

17  
18          **C.     RDM Reconciliation Amount**

19          **Q.     What is the RDM Reconciliation Amount for the 2020 RDM Year?**

20          A.     As shown on Schedule DEG-1, Page 2, Line (16), the RDM Reconciliation Amount for  
21          the 2020 RDM Year is an under-recovery of \$7,918,877. This amount includes \$111,098

1 of interest based on the effective rates of interest paid on customer deposits during the  
2 2020 RDM Year, and represents interest accrued on the average balance at the end of the  
3 2020 RDM Year.

4  
5 **Q. What is the adjustment appearing in Column (e) on Page 2 of Schedule DEG-1?**

6 A. As discussed further in Section V below, the July 2019 adjustment reflected on Page 2 of  
7 Schedule DEG-1 of \$175,092 represents the amount due to customers associated with the  
8 recovery of the 2018 RDM Year's under-recovery of \$13,140,030 after the completion of  
9 the billing of the RDM Adjustment Factor designed to recover this amount during the  
10 period July 2018 through June 2019.

11  
12 **Q. What were the primary drivers of the under-recovery of Annual Target Revenue for  
13 the 2020 RDM Year?**

14 A. In general, actual kWh deliveries were lower by approximately 2% during the 2020 RDM  
15 Year than the forecast of kWh deliveries that was used in the rate design for base  
16 distribution rates in Docket No. 4770. An analysis of the individual rate class distribution  
17 revenue during the 2020 RDM Year in comparison to the Annual Revenue Targets by  
18 rate class indicates that the largest variances occurred in Rates A-16, A-60, and G-02.  
19 These variances are primarily due to the reduced kWh deliveries. Another driver of this  
20 under-recovery was an expected shortfall in customer charge revenue for Rate A-60 as a  
21 result of the approved phase-in of the full residential customer charge in Docket No.

1 4770. The Company proposed and received approval to recover the difference between  
2 what would have been billed to Rate A-60 customers at the full customer charge of \$6.00  
3 per month and what was billed to customers during the phase-in period. In its May 5,  
4 2020 Order, the PUC approved the following: (1) a customer charge of \$2.00 effective  
5 September 1, 2018; (2) a customer charge of \$4.00 effective September 1, 2019; and (3) a  
6 customer charge of \$6.00 effective September 1, 2020. To date, only the \$2.00 and \$4.00  
7 customer charges have been billed to Rate A-60 customers.

8  
9 **Q. Did the Company perform further analysis on the components of the variance? If**  
10 **so, what did it show?**

11 A. Yes, the Company performed further analysis on customer class gigawatt-hour (GWh)<sup>1</sup>  
12 deliveries to determine the drivers of the under-recovery of the Annual Target Revenue  
13 for the 2020 RDM Year. As shown in Table 1 below, comparing forecasted GWh used  
14 in the rate design in Docket No. 4770 and actual GWh for the 2020 RDM Year, the  
15 greatest variance was in the commercial customer class, where there was a 2.3%  
16 variance in deliveries vs. the forecast.

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<sup>1</sup> One GWh is equivalent to 1,000,000 kilowatt-hours (kWh).

Table 1

Actual vs. Rate Year Forecast GWh Deliveries for 2020 RDM Year

	<u>Total</u>	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>
RDM Year Actual	7,135.4	2,890.4	3,575.5	669.5
Rate Year Forecast	<u>7,280.0</u>	<u>2,937.6</u>	<u>3,658.2</u>	<u>684.3</u>
Increase/(Decrease)	(144.6)	(47.2)	(82.7)	(14.8)
Percentage Increase/(Decrease)	(2.0%)	(1.6%)	(2.3%)	(2.2%)

Estimated Components of Variance

Energy Efficiency	(2.0%)	(2.7%)	(1.5%)	(1.5%)
Solar PV	(1.4%)	(0.1%)	(2.3%)	(2.3%)
Electric Vehicles	0.1%	0.2%	0.0%	0.0%
Weather	(0.8%)	(1.4%)	(0.4%)	(0.1%)
Days Billed	(0.2%)	(0.2%)	(0.2%)	(0.2%)
Rate Year Forecast Variance	0.8%	1.5%	0.3%	0.5%
<u>Underlying Growth</u>	<u>1.6%</u>	<u>1.2%</u>	<u>1.9%</u>	<u>1.4%</u>
<b>Total</b>	<b>(2.0%)</b>	<b>(1.6%)</b>	<b>(2.3%)</b>	<b>(2.2%)</b>

**V. Recovery of the Reconciliation Amount for the 2018 RDM Year**

**Q. What is the final balance of the recovery of the 2018 RDM Year under-recovery?**

A. The final balance of the recovery of the 2018 RDM Year under-recovery is shown on Schedule DEG-1, Page 6. The \$13,140,030 under-recovery was billed to customers during the period July 1, 2018 through June 30, 2019. During this period, \$13,554,312

1 was billed to customers, leaving a balance of \$175,092, including interest, to be returned  
2 to customers as of June 30, 2019. This \$175,092 balance is included as an adjustment in  
3 the 2020 RDM Year reconciliation in the month of July 2019.

4  
5 **VI. Recovery of the Reconciliation Amount for the 2019 RDM Year**

6 **Q. What is the status of the recovery of the 2019 RDM Year over-recovery?**

7 A. The status of the recovery of the 2019 RDM Year over-recovery is shown on Schedule  
8 DEG-1, Page 7. Of the \$4,382,090 over-recovery to be credited to customers during the  
9 period July 1, 2019 through June 30, 2020, \$3,429,451 has been credited to customers  
10 and \$1,049,966 remains to be returned as of April 30, 2020. The residual balance, either  
11 positive or negative, as of June 30, 2020, plus applicable interest, will be reflected as an  
12 adjustment in the RDM reconciliation for the 2021 RDM Year.

13  
14 **VII. Electric Earnings Sharing Mechanism**

15 **Q. Please explain the proposal to credit the Customer Earnings Share of \$947,000 to**  
16 **customers through the RDM Adjustment Factor, as reflected on Page 1 of Schedule**  
17 **DEG-1.**

18 A. In compliance with Article II, Section 6 of the Amended Settlement Agreement approved  
19 by the PUC at its August 24, 2018 Open Meeting in Docket No. 4770 (“Amended  
20 Settlement Agreement”), the Company submitted the earnings report for the 12-month  
21 period ended December 31, 2019, for the electric operations of the Company on May 6,



1           2020. The earnings report is included as Schedule DEG-3. The earnings report indicates  
2           that the savings thresholds were triggers such that earnings above the thresholders are to  
3           be shared with customers. Based on the Company's current regulatory return on equity  
4           (ROE) of 9.62%, customers' share is \$947,000, as calculated on Page 8 of Schedule  
5           DEG-3. Consistent with Article II, Section 6.d of the Amended Settlement Agreement,  
6           which provides that excess electric earnings credited to customers is to be credited to the  
7           Storm Fund, the Company indicated in its May 6, 2020 earnings report filing cover letter  
8           that it would credit this amount to the Storm Fund. However, given the immediate  
9           economic impact that COVID-19 has imposed on the Company's customers and the  
10          change represented by the proposed RDM Adjustment Factor, the Company is proposing  
11          to flow the Customer Earnings Share through the RDM Adjustment Factor, as reflected in  
12          Schedule DEG-1, Page 1, Line (6), to provide customers an immediate benefit of  
13          customers' share of excess earnings and to mitigate the bill impact from the change in the  
14          RDM Adjustment Factor. The Company believes that the PUC has the discretion to  
15          credit customers' share of excess earnings pursuant to Article II, Section 6.d of the  
16          Amended Settlement Agreement, which allows the PUC to direct the credit to customers  
17          in another manner.

18  
19  
20

1 **VIII. RDM Adjustment Factor**

2 **Q. Please explain the calculation of the proposed RDM Adjustment Factor.**

3 A. The calculation of the proposed RDM Adjustment Factor is shown on Schedule DEG-1,  
4 Page 1. The proposed RDM Adjustment Factor is designed to recover the net under-  
5 recovery consisting of the RDM Reconciliation Amount plus the Net Unbilled SOS  
6 Billing Adjustment and estimated interest during the recovery period, which is calculated  
7 on Page 5 of Schedule DEG-1, less the Earnings Sharing Mechanism credit calculated in  
8 Schedule DEG-3. The total amount the Company is proposing to reflect in the RDM  
9 Adjustment Factor to be recovered from customers is \$7,322,546, as shown in Schedule  
10 DEG-1, Page 1, Line (7). This amount is divided by forecasted kilowatt-hour deliveries  
11 for the period July 1, 2020 through June 30, 2021 to arrive at the proposed RDM  
12 Adjustment Factor of \$0.00104 per kWh. The currently effective RDM Adjustment  
13 Factor, which ends June 30, 2020, is a credit of \$0.00061 per kWh.

14  
15 **Q. Please describe the kilowatt-hour forecast the Company utilized to calculate the  
16 proposed RDM Adjustment Factor.**

17 A. The Company's Advanced Analytics group forecasts kWh deliveries using econometric  
18 models that relate monthly billed kWh to weather, economic variables, and other  
19 exogenous variables affecting the demand for electricity. The econometric models  
20 predict future kWh deliveries based on the assumption of normal weather and on  
21 forecasts of various Rhode Island economic variables provided by Moody's Analytics.

1 The Company's latest annual Fall release of kWh forecasts was produced from these  
2 models using actual weather, kWh, and customer count data through August 2019 and  
3 Moody's Analytics' forecast of the Rhode Island economy through August 2019. Given  
4 the current economic climate, for the purpose of sensitivity analysis, the Advanced  
5 Analytics group created an unofficial revised forecast with updates to actual weather,  
6 kWh and customer count data through April 2020, and Moody's Analytics' latest forecast  
7 of the Rhode Island economy. There was a slight decrease in total kWh forecasted for  
8 the recovery period in this filing which would have resulted in a slight increase to the  
9 proposed RDM Adjustment Factor. Due to the very small change in the forecast, the  
10 evolving impact of the COVID-19 pandemic on the economy, and to minimize the bill  
11 impact to customers, the Company has used the official forecast it has been using in  
12 filings over the past six months to calculate the proposed RDM Adjustment Factor.

13  
14 **IX. Typical Bill Analysis**

15 **Q. Is the Company providing a typical bill analysis to illustrate the impact of the**  
16 **proposed RDM Adjustment Factor?**

17 **A.** Yes. The typical bill analysis is included as Schedule DEG-4. The impact of the  
18 proposed RDM Adjustment Factor on a typical residential SOS customer using 500 kWh  
19 per month is an increase of \$0.87, or 0.8%, from \$108.08 to \$108.95.

20

1 X. Conclusion

2 Q. Does this conclude your testimony?

3 A. Yes.

**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5030  
FY 2020 ELECTRIC REVENUE DECOUPLING  
MECHANISM RECONCILIATION FILING  
WITNESS: DANIEL E. GALLAGHER**

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**Schedule DEG-1**

**RDM Adjustment Factor and RDM**

**Reconciliations**

The Narragansett Electric Company  
RDM Adjustment Factor Calculation  
For the Period July 1, 2020 through June 30, 2021

(1) RDM Reconciliation - Under-Recovery	(\$7,918,877)
(2) Net Unbilled SOS Billing Adjustments	<u>(\$218,926)</u>
(3) Total RDM Under-Recovery	(\$8,137,803)
(4) Plus: Estimated Interest During Recovery Period	<u>(\$131,743)</u>
(5) Total Under-Recovery Including Interest	(\$8,269,546)
(6) Less: Earnings Sharing Credit	<u>\$947,000</u>
(7) Amount to be Recovered through RDM Adjustment Factor	(\$7,322,546)
(8) Forecasted July 1, 2020 - June 30, 2021 kWh Deliveries	6,995,385,617
(9) Proposed RDM Adjustment Factor	\$0.00104

- (1) Page 2, Line (16)
- (2) Schedule DEG-2, Line (13)
- (3) Line (1) + Line (2)
- (4) Page 5, Line (16)
- (5) Line (3) + Line (4)
- (6) Schedule DEG-3, Page 7, Line 20
- (7) Line (5) + Line (6)
- (8) Company forecast
- (9) Line (7) ÷ Line (8) x -1; truncated to 5 decimal places

The Narragansett Electric Company  
Revenue Decoupling Mechanism Reconciliation  
For the Period April 1, 2019 through March 31, 2020

	<u>Mo-Yr</u>	<u>Over/(Under) Beginning Balance</u> (a)	<u>Annual Target Revenue</u> (b)	<u>Billed Distribution Revenue</u> (c)	<u>Monthly Over/(Under)</u> (d)	<u>Adjustments</u> (e)	<u>Ending Over/(Under) Balance</u> (f)
(1)	Apr-19	\$0	\$21,390,072	\$8,797,281	(\$12,592,791)		(\$12,592,791)
(2)	May-19	(\$12,592,791)	\$21,032,002	\$20,951,430	(\$80,572)		(\$12,673,363)
(3)	Jun-19	(\$12,673,363)	\$21,824,018	\$21,447,209	(\$376,809)		(\$13,050,172)
(4)	Jul-19	(\$13,050,172)	\$26,681,256	\$25,827,384	(\$853,872)	\$175,092	(\$13,728,952)
(5)	Aug-19	(\$13,728,952)	\$28,918,988	\$30,116,689	\$1,197,701		(\$12,531,251)
(6)	Sep-19	(\$12,531,251)	\$26,962,807	\$25,775,711	(\$1,187,096)		(\$13,718,347)
(7)	Oct-19	(\$13,718,347)	\$23,104,480	\$21,406,913	(\$1,697,567)		(\$15,415,914)
(8)	Nov-19	(\$15,415,914)	\$21,756,285	\$21,209,995	(\$546,290)		(\$15,962,204)
(9)	Dec-19	(\$15,962,204)	\$24,423,671	\$23,052,916	(\$1,370,755)		(\$17,332,959)
(10)	Jan-20	(\$17,332,959)	\$26,315,308	\$25,090,468	(\$1,224,840)		(\$18,557,799)
(11)	Feb-20	(\$18,557,799)	\$24,666,012	\$23,253,506	(\$1,412,506)		(\$19,970,305)
(12)	Mar-20	(\$19,970,305)	\$23,623,241	\$22,941,392	(\$681,849)		(\$20,652,154)
(13)	Apr-20	(\$20,652,154)		\$12,844,375	\$12,844,375		(\$7,807,779)
(14)	Totals	\$0	\$290,698,140	\$282,715,269	(\$7,982,871)	\$175,092	(\$7,807,779)
(15)	Interest						(\$111,098)
(16)	Total Under-Recovery						(\$7,918,877)

(a) Previous month Column (f)

(b) Page 3, Column (c) for the applicable month in RDM Year

(c) Page 4, Line (13)

(d) Column (c) - Column (b)

(e) July 2019: Page 6, Line (17), Column (g)

(f) Column (a) + Column (d) + Column (e)

(15) [(Beginning balance \$0 + Ending balance (\$7,807,779)) ÷ 2] x [(2.91% x 11/12) + (2.14% x 1/12)]

(16) Line (14) + Line (15)

The Narragansett Electric Company  
Calculation of Monthly and Annual Target Revenue per Docket No. 4770  
Revenue Decoupling Mechanism Reconciliation  
For the Period April 1, 2019 through March 31, 2020

Section 1: Docket 4770 Rate Year 1				Section 2: Docket 4770 Rate Year 2			
(1)	Annual Target Revenue		\$284,672,241	(1)	Annual Target Revenue		\$295,144,809
(2)	Docket 4770 - Adj. to Revenue Target for ADIT in Rate Year 1		\$57,493	(2)	Docket 4770 - Adj. to Revenue Target for ADIT in Rate Year 1		(\$108,504)
(3)	Adjusted Annual Target Revenue		\$284,729,734	(3)	Adjusted Annual Target Revenue		\$295,036,305

	Rate Year kWh	Monthly kWhs as	Allocated		Rate Year kWh	Monthly kWhs as	Allocated		
	<u>Deliveries</u>	<u>% of total kWhs</u>	<u>Monthly Annual</u>		<u>Deliveries</u>	<u>% of total kWhs</u>	<u>Monthly Annual</u>		
	(a)	(b)	<u>Target Revenue</u>		(a)	(b)	<u>Target Revenue</u>		
			(c)				(c)		
(4)	September	666,742,595	9.1%	\$26,020,909	(4)	September	666,742,595	9.1%	\$26,962,807
(5)	October	571,332,963	7.8%	\$22,297,365	(5)	October	571,332,963	7.8%	\$23,104,480
(6)	November	537,994,504	7.4%	\$20,996,268	(6)	November	537,994,504	7.4%	\$21,756,285
(7)	December	603,954,225	8.3%	\$23,570,473	(7)	December	603,954,225	8.3%	\$24,423,671
(8)	January	650,731,090	8.9%	\$25,396,030	(8)	January	650,731,090	8.9%	\$26,315,308
(9)	February	609,946,889	8.4%	\$23,804,348	(9)	February	609,946,889	8.4%	\$24,666,012
(10)	March	584,161,013	8.0%	\$22,798,005	(10)	March	584,161,013	8.0%	\$23,623,241
(11)	April	548,085,062	7.5%	\$21,390,072	(11)	April	548,085,062	7.5%	\$22,164,344
(12)	May	538,910,111	7.4%	\$21,032,002	(12)	May	538,910,111	7.4%	\$21,793,312
(13)	June	559,204,232	7.7%	\$21,824,018	(13)	June	559,204,232	7.7%	\$22,613,998
(14)	July	683,662,881	9.4%	\$26,681,256	(14)	July	683,662,881	9.4%	\$27,647,057
(15)	August	741,001,040	10.2%	\$28,918,988	(15)	August	741,001,040	10.2%	\$29,965,790
(16)	Total	7,295,726,605	100.0%	\$284,729,734	(16)	Total	7,295,726,605	100.0%	\$295,036,305

(17)	Sum of applicable months in RDM Year		\$119,846,336				\$170,851,804
(18)	Total						\$290,698,140

Section 1		Section 2	
(1)	RIPUC Docket No. 4770, Compliance Attachment 8, Schedule 3, Page 3, Column (a), Line 58	(1)	RIPUC Docket No. 4770, Compliance Attachment 8, Schedule 3, Page 3, Column (a), Line 64
(2)	RIPUC Docket No. 4770, In RE: Excess Deferred Income Tax True-Up, Rebuttal Attachment 1, Page 1, Rate Year ending August 31, 2019, Column (a)-(c), Line (1)	(2)	RIPUC Docket No. 4770, In RE: Excess Deferred Income Tax True-Up, Rebuttal Attachment 1, Page 1, Rate Year ending August 31, 2020, Column (a)-(c), Line (1)
(3)	Line (1) + Line (2)	(3)	Line (1) + Line (2)
(a)	RIPUC Docket No. 4770, Compliance Attachment 9, Schedule 4-K, Page 2, Column (h), Line 8		
(b)	Column (a) ÷ Column (a) total		
(c)	Line (3) x Column (b)		



The Narragansett Electric Company  
Billed Revenue by Revenue Type and Month  
For the Period April 1, 2019 through March 31, 2020

	Apr-19 (a)	May-19 (b)	Jun-19 (c)	Jul-19 (d)	Aug-19 (e)	Sep-19 (f)	Oct-19 (g)	Nov-19 (h)	Dec-19 (i)	Jan-20 (j)	Feb-20 (k)	Mar-20 (l)	Apr-20 (m)	Grand Total (n)
(1) Customer Charge	\$2,223,694	\$5,430,921	\$5,440,355	\$5,338,491	\$5,516,078	\$5,429,123	\$5,549,387	\$5,411,316	\$5,241,037	\$5,649,673	\$5,413,096	\$5,424,469	\$3,003,238	\$65,070,878
(2) Lighting Equipment	\$210,335	\$495,017	\$499,825	\$512,859	\$534,814	\$499,316	(\$88,408)	\$484,253	\$484,077	\$829,304	\$493,914	\$478,197	\$266,601	\$5,700,104
(3) Second Feeder Service	\$59,864	\$143,685	\$132,793	\$154,577	\$143,685	\$143,685	\$143,685	\$143,685	\$132,793	(\$555,867)	\$255,195	\$312,945	\$126,038	\$1,336,763
(4) Back-Up Distribution	\$2,370	\$5,688	\$5,688	\$5,688	\$5,688	\$5,688	\$6,000	\$6,000	\$5,972	\$5,991	\$5,991	\$5,991	\$5,336	\$70,091
(5) Distribution Optional Demand	\$1,606	\$3,543	\$2,050	\$5,651	\$930	\$1,143	\$749	\$732	\$410	\$375	\$699	\$3,548	\$2,024	\$23,460
(6) Distribution Demand Charge	\$1,492,467	\$3,333,934	\$3,518,445	\$3,888,644	\$4,111,733	\$3,896,935	\$3,738,287	\$3,608,545	\$3,382,985	\$2,776,990	\$3,631,941	\$3,531,353	\$2,136,183	\$43,048,442
(7) Supplemental Distribution	\$6,566	\$17,828	\$20,690	\$20,186	\$20,432	\$19,585	\$10,541	\$9,637	\$6,679	\$26,996	\$10,822	\$10,822	\$6,027	\$186,811
(8) Transformer Ownership	(\$52,235)	(\$109,060)	(\$111,848)	(\$123,668)	(\$136,502)	(\$128,975)	(\$119,933)	(\$122,626)	(\$108,714)	\$312,688	(\$125,418)	(\$126,399)	(\$67,065)	(\$1,019,755)
(9) Distribution kWh Charge	\$4,865,753	\$11,651,492	\$11,966,094	\$16,056,315	\$19,953,138	\$15,935,807	\$12,190,378	\$11,694,649	\$13,931,690	\$16,047,276	\$13,593,214	\$13,328,598	\$7,383,115	\$168,597,519
(10) Minimum Bill Provision	\$1,158	\$2,362	\$2,270	\$2,270	\$2,779	\$2,779	\$2,270	\$2,847	\$2,779	\$3,019	\$3,010	\$3,001	\$1,681	\$32,225
(11) 1% High Voltage Metering Credit	(\$14,400)	(\$24,240)	(\$29,452)	(\$32,899)	(\$36,411)	(\$29,700)	(\$26,355)	(\$29,342)	(\$27,091)	(\$6,341)	(\$29,361)	(\$31,484)	(\$16,723)	(\$333,799)
(12) AMR Opt Out	\$103	\$260	\$299	(\$730)	\$325	\$325	\$312	\$299	\$299	\$364	\$403	\$351	(\$80)	\$2,530
(13) Total	\$8,797,281	\$20,951,430	\$21,447,209	\$25,827,384	\$30,116,689	\$25,775,711	\$21,406,913	\$21,209,995	\$23,052,916	\$25,090,468	\$23,253,506	\$22,941,392	\$12,844,375	\$282,715,269

(a) prorated for usage on and after April 1  
(m) prorated for usage prior to April 1

source: Company billing records

The Narragansett Electric Company  
Calculation of Estimated Interest During Recovery Period  
Rate Effective July 1, 2020 through June 30, 2021  
For Under Recovery Incurred April 1, 2019 through March 31, 2020

		<u>Over/(Under)</u> <u>Beginning Balance</u>	<u>Charge/(Credit)</u>	<u>Ending Balance</u>	<u>Interest Rate</u>	<u>Interest</u>
		(a)	(b)	(c)	(d)	(e)
(1)	Apr-20	(\$8,137,803)		(\$8,137,803)	2.14%	(\$14,512)
(2)	May-20	(\$8,152,315)		(\$8,152,315)	2.14%	(\$14,538)
(3)	Jun-20	(\$8,166,853)		(\$8,166,853)	2.14%	(\$14,564)
(4)	Jul-20	(\$8,181,417)	\$681,785	(\$7,499,632)	2.14%	(\$13,982)
(5)	Aug-20	(\$7,513,614)	\$683,056	(\$6,830,558)	2.14%	(\$12,790)
(6)	Sep-20	(\$6,843,348)	\$684,335	(\$6,159,013)	2.14%	(\$11,594)
(7)	Oct-20	(\$6,170,607)	\$685,623	(\$5,484,984)	2.14%	(\$10,393)
(8)	Nov-20	(\$5,495,377)	\$686,922	(\$4,808,455)	2.14%	(\$9,188)
(9)	Dec-20	(\$4,817,643)	\$688,235	(\$4,129,408)	2.14%	(\$7,978)
(10)	Jan-21	(\$4,137,386)	\$689,564	(\$3,447,822)	2.14%	(\$6,763)
(11)	Feb-21	(\$3,454,585)	\$690,917	(\$2,763,668)	2.14%	(\$5,545)
(12)	Mar-21	(\$2,769,213)	\$692,303	(\$2,076,910)	2.14%	(\$4,321)
(13)	Apr-21	(\$2,081,231)	\$693,744	(\$1,387,487)	2.14%	(\$3,093)
(14)	May-21	(\$1,390,580)	\$695,290	(\$695,290)	2.14%	(\$1,860)
(15)	Jun-21	(\$697,150)	\$697,150	(\$0)	2.14%	(\$622)
(16)	Total		\$8,268,924			(\$131,743)

- (a) Beginning balance per Page 1, Line (3)  
prior month's column (e)  
(b) For July-2020, (Column (a)) ÷ 12). For Aug-2020, (Column (b)) ÷ 11), etc.  
(c) Column (a) + Column (b)  
(d) Current rate for customer deposits  
(e) [(Column (a) + Column (c)) ÷ 2] x (Column (d) ÷ 12)

The Narragansett Electric Company  
Revenue Decoupling Mechanism Reconciliation  
Recovery of RDM Under-Recovery  
2018 RDM Year

**Reconciliation Period:** April 2018 through March 2019  
**Refund Period:** July 1, 2018 through June 30, 2019  
**Source:** Schedule REP-1, Docket No. 4824  
**Beginning Balance:** (\$13,140,030)

	<u>Mo-Yr</u>	<u>Over/(Under) Beginning Balance</u> (a)	<u>Charge/(Credit)</u> (b)	<u>Over/(Under) Ending Balance</u> (c)	<u>Interest Balance</u> (d)	<u>Interest Rate</u> (e)	<u>Monthly Interest</u> (f)	<u>Ending Over/(Under) Recovery w/ Interest</u> (g)
(1)	Apr-18	(\$13,140,030)	\$0	(\$13,140,030)	(\$13,140,030)	2.33%	(\$25,514)	(\$13,165,544)
(2)	May-18	(\$13,165,544)	\$0	(\$13,165,544)	(\$13,165,544)	2.33%	(\$25,563)	(\$13,191,107)
(3)	Jun-18	(\$13,191,107)	\$0	(\$13,191,107)	(\$13,191,107)	2.33%	(\$25,613)	(\$13,216,720)
(4)	Jul-18	(\$13,216,720)	\$622,054	(\$12,594,666)	(\$12,905,693)	2.33%	(\$25,059)	(\$12,619,725)
(5)	Aug-18	(\$12,619,725)	\$1,402,430	(\$11,217,295)	(\$11,918,510)	2.33%	(\$23,142)	(\$11,240,437)
(6)	Sep-18	(\$11,240,437)	\$1,417,066	(\$9,823,371)	(\$10,531,904)	2.33%	(\$20,449)	(\$9,843,820)
(7)	Oct-18	(\$9,843,820)	\$1,066,621	(\$8,777,199)	(\$9,310,510)	2.33%	(\$18,078)	(\$8,795,277)
(8)	Nov-18	(\$8,795,277)	\$986,094	(\$7,809,183)	(\$8,302,230)	2.33%	(\$16,120)	(\$7,825,303)
(9)	Dec-18	(\$7,825,303)	\$1,109,731	(\$6,715,572)	(\$7,270,438)	2.33%	(\$14,117)	(\$6,729,689)
(10)	Jan-19	(\$6,729,689)	\$1,169,027	(\$5,560,662)	(\$6,145,176)	2.33%	(\$11,932)	(\$5,572,594)
(11)	Feb-19	(\$5,572,594)	\$1,107,936	(\$4,464,658)	(\$5,018,626)	2.33%	(\$9,744)	(\$4,474,402)
(12)	Mar-19	(\$4,474,402)	\$1,082,520	(\$3,391,882)	(\$3,933,142)	2.91%	(\$9,538)	(\$3,401,420)
(13)	Apr-19	(\$3,401,420)	\$1,000,443	(\$2,400,977)	(\$2,901,199)	2.91%	(\$7,035)	(\$2,408,012)
(14)	May-19	(\$2,408,012)	\$970,766	(\$1,437,246)	(\$1,922,629)	2.91%	(\$4,662)	(\$1,441,908)
(15)	Jun-19	(\$1,441,908)	\$994,134	(\$447,774)	(\$944,841)	2.91%	(\$2,291)	(\$450,065)
(16)	Jul-19	(\$450,065)	\$625,490	\$175,425	(\$137,320)	2.91%	(\$333)	\$175,092
(17)	Totals	(\$13,140,030)	\$13,554,312				(\$239,190)	\$175,092

- (a) Beginning balance per RIPUC Docket No. 4824, Schedule REP-1, Page 1, Line (4) Previous month Column (g)
- (b) per Company records
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Customer deposit rate
- (f) [Column (d) x Column (e)] x 1/12
- (g) Column (c) + Column (f)
- (4) prorated for usage on and after July 1st
- (16) prorated for usage prior to July 1st

The Narragansett Electric Company  
Revenue Decoupling Mechanism Reconciliation  
Recovery of RDM Over-Recovery  
2019 RDM Year

**Reconciliation Period:** April 2019 through March 2020  
**Refund Period:** July 1, 2019 through June 30, 2020  
**Source:** Schedule REP-1, Docket No. 4953  
**Beginning Balance:** \$4,382,090

		Over/(Under) Beginning <u>Balance</u>	Charge/(Credit) <u>Charge/(Credit)</u>	Over/(Under) Ending <u>Balance</u>	Interest <u>Balance</u>	Interest <u>Rate</u>	Monthly <u>Interest</u>	Ending Over/(Under) Recovery <u>w/ Interest</u>
	<u>Mo-Yr</u>	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1)	Apr-19	\$4,382,090	\$0	\$4,382,090	\$4,382,090	2.91%	\$10,627	\$4,392,717
(2)	May-19	\$4,392,717	\$0	\$4,392,717	\$4,392,717	2.91%	\$10,652	\$4,403,369
(3)	Jun-19	\$4,403,369	\$0	\$4,403,369	\$4,403,369	2.91%	\$10,678	\$4,414,047
(4)	Jul-19	\$4,414,047	(\$143,290)	\$4,270,757	\$4,342,402	2.91%	\$10,530	\$4,281,287
(5)	Aug-19	\$4,281,287	(\$457,955)	\$3,823,332	\$4,052,310	2.91%	\$9,827	\$3,833,159
(6)	Sep-19	\$3,833,159	(\$400,234)	\$3,432,925	\$3,633,042	2.91%	\$8,810	\$3,441,735
(7)	Oct-19	\$3,441,735	(\$325,742)	\$3,115,993	\$3,278,864	2.91%	\$7,951	\$3,123,944
(8)	Nov-19	\$3,123,944	(\$310,649)	\$2,813,295	\$2,968,620	2.91%	\$7,199	\$2,820,494
(9)	Dec-19	\$2,820,494	(\$357,591)	\$2,462,903	\$2,641,699	2.91%	\$6,406	\$2,469,309
(10)	Jan-20	\$2,469,309	(\$482,363)	\$1,986,946	\$2,228,128	2.91%	\$5,403	\$1,992,349
(11)	Feb-20	\$1,992,349	(\$340,821)	\$1,651,528	\$1,821,939	2.91%	\$4,418	\$1,655,946
(12)	Mar-20	\$1,655,946	(\$303,266)	\$1,352,680	\$1,504,313	2.14%	\$2,683	\$1,355,363
(13)	Apr-20	\$1,355,363	(\$307,540)	\$1,047,823	\$1,201,593	2.14%	\$2,143	\$1,049,966
(14)	May-20	\$1,049,966	\$0	\$1,049,966	\$1,049,966	2.14%	\$0	\$1,049,966
(15)	Jun-20	\$1,049,966	\$0	\$1,049,966	\$1,049,966	2.14%	\$0	\$1,049,966
(16)	Jul-20	\$1,049,966	\$0	\$1,049,966	\$1,049,966	2.14%	\$0	\$1,049,966
(17)	Totals	\$4,382,090	(\$3,429,451)				\$97,327	\$1,049,966

- (a) Beginning balance per RIPUC Docket No. 4953, Schedule REP-1, Page 1, Line (7).  
Previous month Column (g)
  - (b) per Company records
  - (c) Column (a) + Column (b)
  - (d) [Column (a) + Column (c)] ÷ 2
  - (e) Customer deposit rate
  - (f) [Column (d) x Column (e)] x 1/12
  - (g) Column (c) + Column (f)
- (4) prorated for usage on and after July 1st

**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5030  
FY 2020 ELECTRIC REVENUE DECOUPLING  
MECHANISM RECONCILIATION FILING  
WITNESS: DANIEL E. GALLAGHER**

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**Schedule DEG-2**

**Net Unbilled Standard Offer Service (SOS)**

**Billing Adjustments**

Unbilled Standard Offer Service Billing Adjustments

	<u>Month</u>	Net Unbilled Adjustments <u>Residential</u> (a)	Net Unbilled Adjustments <u>Commercial</u> (b)	Total Net Unbilled Adjustments (c)
(1)	Jan-19	\$9,334	\$260	\$9,594
(2)	Feb-19	\$20,324	\$3,839	\$24,163
(3)	Mar-19	\$111,348	\$10,199	\$121,547
(4)	Apr-19	\$9,226	\$1,933	\$11,159
(5)	May-19	\$6,575	\$3,954	\$10,529
(6)	Jun-19	\$5,855	\$2,804	\$8,659
(7)	Jul-19	(\$9,322)	\$346	(\$8,976)
(8)	Aug-19	(\$27,069)	(\$2,526)	(\$29,595)
(9)	Sep-19	(\$9,133)	(\$3,755)	(\$12,888)
(10)	Oct-19	\$7,466	(\$1,678)	\$5,788
(11)	Nov-19	\$23,142	(\$5,924)	\$17,218
(12)	Dec-19	<u>\$72,516</u>	<u>(\$10,788)</u>	<u>\$61,728</u>
(13)	Totals	\$220,262	(\$1,336)	\$218,926

(a) - (b) From Company reports - (negative values are credits)  
(c) Sum of (a) through (b)

**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5030  
FY 2020 ELECTRIC REVENUE DECOUPLING  
MECHANISM RECONCILIATION FILING  
WITNESS: DANIEL E. GALLAGHER**

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**Schedule DEG-3**

**Electric Earnings Sharing Mechanism Report**

May 6, 2020

**VIA ELECTRONIC MAIL**

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

**RE: Docket 4770 – Electric Earnings Sharing Mechanism  
Earnings Report - Twelve Months Ended December 31, 2019**

Dear Ms. Massaro:

In accordance with Article II, Section 6 of the Amended Settlement Agreement approved by the Rhode Island Public Utilities Commission (PUC) on August 24, 2018, in the above-referenced docket, enclosed is an electronic version<sup>1</sup> of the earnings report for the twelve-month period ended December 31, 2019, for the electric operations of the Company.<sup>2</sup>

The 2019 calendar year actual electric earnings was 10.79% (with incentives) and the regulatory return on equity (ROE) was 9.62% (without incentives). (See Page 1, line 5.) Based on the Company's earnings sharing mechanism, it shares 50% of earnings above 9.275% and 75% of earnings above 10.275%, as compared to the regulatory ROE, with customers. Based on the Company's current regulatory ROE of 9.62%, it will be providing customers a credit of \$947,000. (See Page 7, Line 20.) This credit will be applied to the Storm Fund, which will reduce the amount required to be collected from customers in the future.

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

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

cc: Docket 4770 Service List  
John Bell, Division  
Christy Hetherington, Esq.  
Leo Wold, Esq.

<sup>1</sup> Per practice during the COVID-19 emergency period, the Company is providing a PDF version of the 2019 Electric Earnings Report. The Company will provide the Commission Clerk with a hard copy and, if needed, additional hard copies of the filing at a later date.

<sup>2</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).



**The Narragansett Electric Company**  
**Return on Rate Base**  
**Return on Common Equity**  
**Twelve Months Ended December 31, 2019**

Line No.	Twelve Months Ending December 31, 2019				
	<u>Base Earnings</u>	<u>Actual Earnings</u>	<u>Allowed</u>	<u>Ceiling</u>	
	<u>1/</u>	<u>2/</u>	<u>3/</u>	<u>3/</u>	
1					
2					
3	Return on Distribution Rate Base	7.15%	7.74%	6.97%	6.97%
4					
5	Return on Distribution Common Equity	9.62%	10.79%	9.275%	9.275%
6					
7	1/ Excludes incentives and penalties detailed at Page 2, Lines 3 through 8				
8	2/ Includes incentives detailed at Page 2				
9	3/ Allowed Return and Ceiling, presented below.				
10			----- Per Amended Settlement Agreement in Docket 4770 -----		
11			<u>Allowed</u>		<u>Ceiling</u>
12			<u>Cost</u>	<u>Weighted</u>	<u>Cost</u>
13		<u>Total</u>	<u>Rate</u>	<u>Cost</u>	<u>Rate</u>
14					<u>Cost</u>
15	Short Term Debt	0.60%	1.76%	0.01%	1.76%
16	Long Term Debt	48.35%	4.62%	2.23%	4.62%
17	Preferred Stock	0.10%	4.50%	0.00%	4.50%
18	Common Equity	50.95%	9.275%	4.73%	9.275%
19		<u>100.00%</u>		<u>6.97%</u>	<u>6.97%</u>
20					
21					
22			----- EARNED -----		
23			<u>Cost</u>	<u>Weighted</u>	<u>Pre-Tax</u>
24	<u>Amount</u>	<u>Total</u>	<u>Rate</u>	<u>Cost</u>	<u>Weighted Cost</u>
25					
26	Short Term Debt	\$5,105,360	0.60%	1.76%	0.01%
27	Long Term Debt	\$411,406,888	48.35%	4.62%	2.23%
28	Preferred Stock	\$850,893	0.10%	4.50%	0.00%
29	Common Equity	\$433,530,112	50.95%	9.62%	4.90%
	5-Quarter Average				
	Distribution Rate Base				
30	as of Dec 31, 2019	<u>\$850,893,253</u> 4/	<u>100.00%</u>	<u>7.15%</u>	<u>0.91%</u>
					<u>8.06%</u>
32	4/ Page 4 of 7, Line 37, Column (f)				
33	5/ includes adj. for Flowthrough Items below				
34					
35					
36					
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**PREFERRED STOCK EARNINGS, INTEREST EXPENSE,  
AND FEDERAL INCOME TAX  
CALCULATED USING IMPUTED CAPITAL STRUCTURE**

					\$000s	
PREF. STOCK:	\$850,893,253	X	0.00%	(a)	=	\$38
INTEREST:	\$850,893,253	X	2.24%	(b)	=	\$19,060
FIT:	\$850,893,253	X	1.30%	(c)	=	\$11,102
	Plus: Flowthrough Items			(d)		(\$3,366)
	Total Federal Income Taxes ("FIT")					<u>\$7,736</u>
(a)	From Line 28, Column "Weighted Cost"					
(b)	Sum of Lines 26 and 27, Column "Weighted Cost".					
(c)	$(0.00\% + 4.90\%) / 79\% - (0.00\% + 4.90\%)$					
(d)	Flowthrough Items (tax effected)					
	Investment Tax Credit ("ITC") Amortization					\$1
	ITC Basis Reduction Depreciation					(\$9)
	AFUDC Equity Depreciation					\$63
	Unfunded Amortization					\$650
	Amortization of Federal Rate Change					(\$4,070)
						<u>(\$3,366)</u>

**THE NARRAGANSETT ELECTRIC COMPANY**  
**Return on Equity Calculation**  
**Return on Rate Base Calculation**  
**Twelve Months Ended December 31, 2019**  
**(\$000s)**

<u>Line</u> <u>No.</u>	<u>Return on Equity</u>			<u>Return on Rate Base</u>			
	<u>Base</u> <u>Earnings</u> <u>(a)</u>	<u>Basis</u> <u>Points</u> <u>(b)</u>	<u>Actual</u> <u>Earnings</u> <u>(c)</u>	<u>Base</u> <u>Earnings</u> <u>(d)</u>	<u>Basis</u> <u>Points</u> <u>(e)</u>	<u>Actual</u> <u>Earnings</u> <u>(f)</u>	
1	Distribution Operating Income Before Taxes	\$74,958		\$74,958		\$74,958	1/
2	Adjustments:						
3	Service Quality ("SQ") Penalties Accrued	\$0	0.00%	\$0	0.00%		2/, 3/
4	Energy Efficiency Program Incentive	(\$3,708)	-0.86%	(\$3,708)	-0.44%		3/
5	System Reliability Procurement Incentives	\$0	0.00%	\$0	0.00%		3/
6	LTCRER Incentive	(\$2,309)	-0.53%	(\$2,309)	-0.27%		3/
7	RE Growth Remuneration	(\$380)	-0.09%	(\$380)	-0.04%		3/
8	Performance Incentive Mechanism Incentives	\$0	0.00%	\$0	0.00%		3/
9							
10	Adjusted Distribution Operating Income Before Taxes	\$68,562		\$74,958		\$74,958	4/
11	Interest Charges	\$19,060		\$19,060		\$19,060	5/
12	Income Taxes @ 21% net of flowthrough	\$7,736	-0.31%	\$9,080	-0.16%	\$9,080	6/
13							
14	Net Income	\$41,765		\$46,818		\$65,878	7/
15							
16	Less: Preferred Stock Requirements	\$38		\$38		\$38	5/
17	Earnings Available for Common	\$41,727		\$46,780		\$65,878	8/
18							
19	Average Common Equity - 5-Quarter Average	\$433,530		\$433,530		\$850,893	5/
20							
21	<b>Rate of Return on Adjusted Average Common Equity</b>	<b>9.62%</b>	<b>10.79%</b>	<b>7.15%</b>	<b>7.74%</b>		9/

**Notes**

- 1/ Page 3 of 7 Line 27
- 2/ Effective Dec. 2005, SQ penalties booked below the line.
- 3/ Column (b) = column (a) ÷ Line 19 (a). Column (e) = column (d) ÷ Line 19 (d)
- 4/ Sum of Lines 1 thru 8
- 5/ Calculated using imputed capital structure and cost rates; see Page 1 of 7, Lines 42, 41, 29, and 30
- 6/ Page 1 of 7, Line 46
- 7/ Column (a) & (c): Line 10 - Line 11 - Line 12. Column (d) & (f): Line 10 - Line 12
- 8/ Line 14 - Line 16
- 9/ Line 17 ÷ Line 19

**THE NARRAGANSETT ELECTRIC COMPANY**

**Income Statement**

**Twelve Months Ended December 31, 2019**

(\$000s)

Line No.	Total Electric Business	Less: Integrated Facilities Agreement (IFA) and Block Island Transmission System Amounts Billed to New England Power Co.		Other Adjustments	Electric Distribution Amount Per Schedules	
		(a)	(b)			
1	Revenue - Sales of Electricity	\$381,303			\$381,303	
2	Other Revenue	\$759,216		(\$772)	\$758,444	1/
3	Total Revenue	\$1,140,519			\$1,139,747	
4	Operating Expenses:					
5	Purchased Power	\$422,137			\$422,137	
6	Transmission Wheeling	\$207,822			\$207,822	
7	Transmission Wheeling - IFA Credit	(\$141,221)	(\$141,221)		\$0	
8	Uncollectible Expense	\$14,958		(\$851)	\$14,107	
9	Genl & Admin. O&M	\$126,300	\$17,404		\$108,896	2/
10	All Other Operation & Maintenance ("O&M") expense	\$192,543	\$13,598	\$601	\$179,546	3/
11	Company Share of Earned Savings	\$0			\$0	
12	Depreciation	\$75,522	\$22,676		\$52,846	
13	Amortization of Loss on Reacquired Debt	\$681	\$68	(\$552)	\$61	
14	Amortization - Other	\$786			\$786	
15	Gross Earnings Tax	\$43,385			\$43,385	
16	Municipal Tax	\$48,504	\$17,805		\$30,699	
17	Other Non-Income taxes	\$4,886	\$587		\$4,299	
18	Current and Deferred Income Taxes	\$16,658		(\$16,658)	\$0	
19	Regulatory Debits	\$0			\$0	
20	Accretion Expense	\$0		\$0	\$0	
21	Amortization of ITC	(\$2)	(\$4)		\$2	
22	Interest on Customer Deposits	\$203			\$203	4/
23	Donations	\$0		\$0	\$0	
24	Total Operating Expenses	\$1,013,163	(\$69,086)	(\$17,460)	\$1,064,789	
25						
26	Net Operating Income	\$127,356				
27	Distribution Operating Income Before Taxes				\$74,958	

**Notes**

1/ In both December 2018 and 2019, the Renewable Energy Growth (REG) Performance Based Incentive (PBI) credits to solar customers were not recorded until the following month. The revenues in both period were overstated. The timing differences need to be adjusted.

Adjustments to revenue:

Less: Dec 2019 REG PBI Payment recorded in Jan 2020	(\$1,764,051)
Add: Dec 2018 REG PBI Payment recorded in Jan 2019	\$992,184
Total Adjustment to Revenue	(\$771,867)

2/ Exclude sales and general advertising expense.

3/ Adjustment to all Other Operation & Maintenance expense

Variable Pay	(\$232,182)
Sales expense	(\$241,441)
Amortization of Service Company EDIT not charged to NECO Electric	\$1,074,519
Total Adjustment	\$600,896

4/ Below the line items brought above the line for ratemaking.

**THE NARRAGANSETT ELECTRIC COMPANY**  
**Rate Base - Electric Distribution**  
**Five Quarter Average**

Line No.	Description	(a) December 2018	(b) March 2019	(c) June 2019	(d) September 2019	(e) December 2019	(f) 5-Quarter Average
1	Utility Plant in Service	\$ 1,647,962,718	\$ 1,692,885,996	\$ 1,714,356,857	\$ 1,746,612,053	\$ 1,754,536,149	\$ 1,711,270,755
2	IFA allocated Plant	-	-	-	-	-	-
3	Block Island Transmission System (BITS) Assets	-	-	-	-	-	-
4	Total Distribution Plant	\$ 1,647,962,718	\$ 1,692,885,996	\$ 1,714,356,857	\$ 1,746,612,053	\$ 1,754,536,149	\$ 1,711,270,755
5							
6	Property Held for Future Use	2,496,158	2,496,289	2,496,289	2,496,042	2,496,042	\$ 2,496,164
8	Less: Contribution in Aid of Construction	557,062	554,316	629,316	629,316	629,316	599,865
9	Less: Accumulated Depreciation	688,791,676	699,055,938	703,551,605	711,650,943	721,426,094	704,895,251
10	Less: IFA allocated Depreciation	-	-	-	-	-	-
11	Less: Block Island Transmission System (BITS) Depreciation	-	-	-	-	-	-
12	Total Accumulated Depreciation	688,791,676	699,055,938	703,551,605	711,650,943	721,426,094	704,895,251
13							
14	Net Plant in Service	\$ 961,110,139	\$ 995,772,031	\$ 1,012,672,225	\$ 1,036,827,835	\$ 1,034,976,781	\$ 1,008,271,802
15							
16	Plus:						
17	Materials and Supplies	\$ 4,370,667	\$ 4,294,394	\$ 4,162,981	\$ 3,289,386	\$ 3,358,250	\$ 3,895,136
18	Prepayments	74,706	5,172,450	1,990,321.88	1,785,697	74,791	1,819,593
19	Loss on Reacquired Debt	1,639,400	1,649,258	1,621,399	1,590,792	1,578,604	1,615,891
20	Cash Working Capital	17,922,078	17,922,078	17,922,078	17,922,078	17,922,078	17,922,078
21	Cash Working Capital - Commodity & Gross Receipts Tax	32,926,823	40,289,969	40,289,969	40,289,969	40,289,969	38,817,340
22	Unamortized Interest Rate Lock	2,043,065	2,018,562	1,994,059	1,969,556	1,945,053	1,994,059
23	Unamortized Debt Issuance Costs (\$550M)	918,255	893,787	869,319	844,851	820,383	869,319
24	Unamortized Debt Issuance Costs (\$250M 2012)	872,315	863,196	854,078	844,960	835,842	854,078
25	Unamortized Debt Issuance Costs (\$350M 2018)	587,697	572,366	557,034	541,703	526,372	557,034
26							
27	Subtotal	\$ 61,355,006	\$ 73,676,059	\$ 70,261,239	\$ 69,078,992	\$ 67,351,342	\$ 68,344,528
28							
29	Less:						
30	Accumulated Deferred Federal Income Taxes ("FIT")	\$ 213,644,353	\$ 217,741,483	\$ 218,567,094	\$ 216,107,774	\$ 210,167,705	\$ 215,245,682
31	Block Island Transmission System (BITS) ADIT	-	-	-	-	-	-
32	Accumulated Deferred FIT on Loss for Reacquired Debt	344,274	346,344	340,494	334,066	331,507	339,337
33	Customer Deposits	9,706,952	9,856,245	10,573,489	10,299,922	10,253,679	10,138,057
34							
35	Subtotal	\$ 223,695,579	\$ 227,944,073	\$ 229,481,077	\$ 226,741,762	\$ 220,752,891	\$ 225,723,076
36							
37	Rate Base	\$ 798,769,565	\$ 841,504,018	\$ 853,452,387	\$ 879,165,065	\$ 881,575,232	\$ 850,893,253

**Line Notes**  
37 Line 14 + Line 27 - Line 35

**THE NARRAGANSETT ELECTRIC COMPANY**  
**Rate Base - Integrated Facilities Agreement (IFA) and Block Island Transmission System (BITS)**  
**Five Quarter Average**

Line No.	Description	(a) December 2018	(b) March 2019	(c) June 2019	(d) September 2019	(e) December 2019	(f) 5-Quarter Average
1	Utility Plant in Service	\$ 892,862,522	\$ 896,692,970	\$ 919,408,439	\$ 924,547,866	\$ 929,607,048	\$ 912,623,769
2	IFA allocated Plant	5,038,313	6,515,697	6,537,370	6,582,534	6,693,216	6,273,426
3	Block Island Transmission System (BITS) Assets	114,082,570	114,762,669	114,854,958	115,174,705	115,340,155	114,843,011
4	Total Transmission Plant	\$ 1,011,983,405	\$ 1,017,971,337	\$ 1,040,800,766	\$ 1,046,305,105	\$ 1,051,640,420	\$ 1,033,740,207
5							
6	Property Held for Future Use	12,531,903	\$12,532,019	\$12,532,019	\$12,532,019	12,532,019	12,531,996
8	Less: Contribution in Aid of Construction						
9	Less: Accumulated Depreciation	123,042,222	124,547,901	128,957,074	133,245,092	136,364,673	129,231,392
10	Less: IFA allocated Depreciation	1,085,039	1,449,193	1,471,514	1,506,874	1,528,837	1,408,291
11	Less: Block Island Transmission System (BITS) Depreciation	4,815,416	5,456,262	6,103,540	6,753,179	7,404,134	6,106,506
12	Total Accumulated Depreciation	128,942,677	131,453,356	136,532,127	141,505,145	145,297,644	136,746,190
13							
14	Net Plant in Service	\$ 895,572,630	\$ 899,050,000	\$ 916,800,658	\$ 917,331,980	\$ 918,874,795	\$ 909,526,013
15							
16	Plus:						
17	Materials and Supplies	\$ 3,106,046	\$ 2,949,928	\$ 2,994,625	\$ 2,933,793	\$ 2,888,603	\$ 2,974,599
18	Prepayments	41,883	\$1,084,834	\$1,685,395	\$1,116,190	37,672	793,195
19	Loss on Reacquired Debt	919,099	\$863,052	\$844,722	\$829,141	795,140	850,231
20	Cash Working Capital	2,921,874	\$2,614,437	\$2,614,437	\$2,614,437	3,735,588	2,900,155
21	Cash Working Capital - Commodity & Gross Receipts Tax	-	-	-	-	-	-
22	Unamortized Interest Rate Lock	1,264,429	1,249,264	1,234,100	1,218,936	1,203,771	1,234,100
23	Unamortized Debt Issuance Costs (\$550M)	568,290	553,147	538,005	522,862	507,719	538,005
24	Unamortized Debt Issuance Costs (\$250M 2012)	539,860	534,216	528,573	522,930	517,287	528,573
25	Unamortized Debt Issuance Costs (\$350M 2018)	492,345	479,501	466,657	453,813	440,970	466,657
26							
27	Subtotal	\$ 9,853,825	\$ 10,328,380	\$ 10,906,514	\$ 10,212,102	\$ 10,126,749	\$ 10,285,514
28							
29	Less:						
30	Accumulated Deferred Federal Income Taxes ("FIT")	\$ 140,243,847	\$ 140,017,869	\$ 140,691,316	\$ 139,915,390	\$ 140,291,084	\$ 140,231,901
31	Block Island Transmission System (BITS) ADIT	21,366,231	21,574,352	21,681,145	21,787,939	21,894,733	21,660,880
32	Accumulated Deferred FIT on Loss on Reacquired Debt	193,011	181,241	177,392	174,120	166,979	178,548
33	Customer Deposits	-	-	-	-	-	-
34							
35	Subtotal	\$ 161,803,089	\$ 161,773,461	\$ 162,549,854	\$ 161,877,449	\$ 162,352,797	\$ 162,071,330
36							
37	Rate Base	\$ 743,623,367	\$ 747,604,919	\$ 765,157,319	\$ 765,666,633	\$ 766,648,748	\$ 757,740,197

**Line Notes**  
37 Line 14 + Line 27 - Line 35

**THE NARRAGANSETT ELECTRIC COMPANY**  
**Rate Base - Electric Total Distribution, IFA and BITS**  
**Five Quarter Average**

Line No.	Description	(a) December 2018	(b) March 2019	(c) June 2019	(d) September 2019	(e) December 2019	(f) 5-Quarter Average
1	Utility Plant in Service	\$ 2,540,825,240	\$ 2,589,578,966	\$ 2,633,765,296	\$ 2,671,159,919	\$ 2,684,143,197	\$ 2,623,894,524
2	IFA allocated Plant	5,038,313	6,515,697	6,537,370	6,582,534	6,693,216	6,273,426
3	Block Island Transmission System (BITS) Assets	114,082,570	114,762,669	114,854,958	115,174,705	115,340,155	114,843,011
4	Total Utility Plant in Service	\$ 2,659,946,123	\$ 2,710,857,333	\$ 2,755,157,623	\$ 2,792,917,158	\$ 2,806,176,569	\$ 2,745,010,961
5							
6							
7	Property Held for Future Use	\$ 15,028,061	\$ 15,028,308	\$ 15,028,308	\$ 15,028,061	\$ 15,028,061	\$ 15,028,160
8	Less: Contribution in Aid of Construction	557,062	554,316	629,316	629,316	629,316	599,865
9	Less: Accumulated Depreciation	811,833,898	823,603,839	832,508,679	844,896,035	857,790,767	834,126,644
10	Less: IFA allocated Depreciation	1,085,039	1,449,193	1,471,514	1,506,874	1,528,837	1,408,291
11	Less: Block Island Transmission System (BITS) Depreciation	4,815,416	5,456,262	6,103,540	6,753,179	7,404,134	6,106,506
12	Total Accumulated Depreciation	817,734,353	830,509,294	840,083,732	853,156,088	866,723,738	841,641,441
13							
14	Net Plant in Service	\$ 1,856,682,769	\$ 1,894,822,031	\$ 1,929,472,883	\$ 1,954,159,815	\$ 1,953,851,576	\$ 1,917,797,815
15							
16	Plus:						
17	Materials and Supplies	7,476,714	\$7,244,321	\$7,157,606	\$6,223,179	\$6,246,853	\$ 6,869,735
18	Prepayments	116,589	6,257,284	3,675,717	2,901,886	112,463	2,612,788
19	Loss on Reacquired Debt	2,558,499	2,512,310	2,466,121	2,419,933	2,373,744	2,466,121
20	Cash Working Capital	20,843,952	20,536,515	20,536,515	20,536,515	21,657,666	20,822,233
21	Cash Working Capital - Commodity & Gross Receipts Tax	32,926,823	40,289,969	40,289,969	40,289,969	40,289,969	38,817,340
22	Unamortized Interest Rate Lock	3,307,493	3,267,826	3,228,159	3,188,491	3,148,824	3,228,159
23	Unamortized Debt Issuance Costs (\$550M)	1,486,545	1,446,934	1,407,324	1,367,713	1,328,103	1,407,324
24	Unamortized Debt Issuance Costs (\$250M 2012)	1,412,174	1,397,413	1,382,651	1,367,890	1,353,129	1,382,651
25	Unamortized Debt Issuance Costs (\$350M 2018)	1,080,042	1,051,867	1,023,692	995,517	967,342	1,023,692
26							
27	Subtotal	\$ 71,208,831	\$ 84,004,439	\$ 81,167,754	\$ 79,291,094	\$ 77,478,092	\$ 78,630,042
28							
29	Less:						
30	Accumulated Deferred Federal Income Taxes (FIT)	\$ 353,888,200	\$ 357,759,352	\$ 359,258,411	\$ 356,023,164	\$ 350,458,789	\$ 355,477,583
31	Block Island Transmission System (BITS) ADIT	21,366,231	21,574,352	21,681,145	21,787,939	21,894,733	21,660,880
32	Accumulated Deferred FIT on Loss on Reacquired Debt	537,285	527,585	517,885	508,186	498,486	517,885
33	Customer Deposits	9,706,952	9,856,245	10,573,489	10,299,922	10,253,679	10,138,057
34							
35	Subtotal	\$ 385,498,668	\$ 389,717,534	\$ 392,030,930	\$ 388,619,211	\$ 383,105,688	\$ 387,794,406
36							
37	Rate Base	\$ 1,542,392,931	\$ 1,589,108,936	\$ 1,618,609,706	\$ 1,644,831,697	\$ 1,648,223,980	\$ 1,608,633,450

**Line Notes**  
37 Line 14 + Line 27 - Line 35

**THE NARRAGANSETT ELECTRIC COMPANY**  
**Calculation of Excess Earnings for Twelve months ended December 31, 2019**  
(\$000)

Line

1	Base Distribution Earnings Available for Common	\$41,727 (a)		
2				
3				
4	Actual Average Common Equity	\$433,530 (a)		
5				
6				Customer
7	Average Annual Return		<u>9.6200%</u> (b)	<u>Share</u>
8				
9	ROE in 50%/50% Bandwith (>9.275%, <10.275%)		0.3450% * 50.00% =	0.1725%
10	ROE in 75%/25% Bandwith (>10.275%)		0.0000% * 75.00% =	<u>0.0000%</u>
11				
12	Total Customer ROE Sharing			0.1725%
13	Actual Average Common Equity			<u>\$433,530</u>
14				
15	Actual Annual Customer Shared Earnings			\$748
16	Tax Gross-up			<u>/ 79.00%</u>
17				
18	Annual Customer Shared Earnings - Pre-tax			947
19				
20	Total Customer Shared Earnings for the twelve months ending December 31, 2019			<u>\$ 947</u>

Notes

- (a) From Page 2 of 7 Line 17 and Line 19  
(b) Line 1 divided by Line 4; equals Page 2 of 7 Line 21

Certificate of Service

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

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

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

May 6, 2020

**Date**

**National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST)  
Combined Service list updated 4/23/2020**

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**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5030  
FY 2020 ELECTRIC REVENUE DECOUPLING  
MECHANISM RECONCILIATION FILING  
WITNESS: DANIEL E. GALLAGHER**

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**Schedule DEG-4**

**Typical Bills**

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-16 Rate Customers

Monthly kWh (a)	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill			Percentage of Customers (r)	
	Delivery Services (b)	Supply Services (c)	GET (d)	Delivery Services (f)	Supply Services (g)	GET (h)	Delivery Services (i) = (f) - (b)	Supply Services (k) = (g) - (c)	GET (l) = (h) - (d)	Delivery Services (m) = (i) / (b)	Supply Services (o) = (g) / (c)	GET (p) = (h) / (d)		Total (q) = (m) / (e)
150	\$24.77	\$12.45	\$1.55	\$25.02	\$12.45	\$1.56	\$0.25	\$0.00	\$0.01	0.6%	0.0%	0.0%	0.7%	30.1%
300	\$40.84	\$24.90	\$2.74	\$41.33	\$24.90	\$2.76	\$0.49	\$0.00	\$0.02	0.7%	0.0%	0.0%	0.7%	12.9%
400	\$51.55	\$33.20	\$3.53	\$52.21	\$33.20	\$3.56	\$0.66	\$0.00	\$0.03	0.7%	0.0%	0.0%	0.8%	11.6%
500	\$62.26	\$41.50	\$4.32	\$63.09	\$41.50	\$4.36	\$0.83	\$0.00	\$0.04	0.8%	0.0%	0.0%	0.8%	9.6%
600	\$72.97	\$49.79	\$5.12	\$73.96	\$49.79	\$5.16	\$0.99	\$0.00	\$0.04	0.8%	0.0%	0.0%	0.8%	7.7%
700	\$83.68	\$58.09	\$5.91	\$84.84	\$58.09	\$5.96	\$1.16	\$0.00	\$0.05	0.8%	0.0%	0.0%	0.8%	19.0%
1,200	\$137.24	\$99.59	\$9.87	\$139.22	\$99.59	\$9.95	\$1.98	\$0.00	\$0.08	0.8%	0.0%	0.0%	0.8%	6.8%
2,000	\$222.94	\$165.98	\$16.21	\$226.24	\$165.98	\$16.34	\$3.30	\$0.00	\$0.13	0.8%	0.0%	0.0%	0.8%	2.3%

Rates Effective April 1, 2020

(s)	(t)
(1) Distribution Customer Charge	\$6.00
(2) LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90
(4) Distribution Charge (per kWh)	\$0.04496
(5) Operating & Maintenance Expense Charge	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)
(7) CapEx Factor Charge	\$0.00396
(8) CapEx Reconciliation Factor	\$0.00071
(9) Revenue Decoupling Adjustment Factor	\$0.00104
(10) Pension Adjustment Factor	(\$0.00005)
(11) Storm Fund Replenishment Factor	\$0.00288
(12) Arrangement Management Adjustment Factor	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00152
(14) Long-term Contracting for Renewable Energy Charge	\$0.00679
(15) Net Metering Charge	\$0.00266
(16) Base Transmission Charge	\$0.03096
(17) Transmission Adjustment Factor	(\$0.00189)
(18) Transmission Uncollectible Factor	\$0.00038
(19) Base Transition Charge	(\$0.00074)
(20) Transition Adjustment	(\$0.00008)
(21) Energy Efficiency Program Charge	\$0.01353
(22) Standard Offer Service Base Charge	\$0.07497
(23) SOS Adjustment Factor	(\$0.00294)
(24) SOS Administrative Cost Adjustment Factor	\$0.00230
(25) Renewable Energy Standard Charge	\$0.00866

Proposed Rates effective July 1, 2020

(u)	(v)
Customer Charge	\$6.00
LIHEAP Enhancement Charge	\$0.80
RE Growth Program	\$1.90
Distribution Energy Charge	\$0.04496
Distribution Energy Charge	\$0.00212
Distribution Energy Charge	(\$0.00008)
Distribution Energy Charge	\$0.00396
Distribution Energy Charge	\$0.00071
Distribution Energy Charge	\$0.00104
Distribution Energy Charge	(\$0.00005)
Distribution Energy Charge	\$0.00288
Distribution Energy Charge	\$0.00010
Distribution Energy Charge	\$0.00152
Renewable Energy Distribution Charge	\$0.00679
Renewable Energy Distribution Charge	\$0.00266
Transmission Charge	\$0.03096
Transmission Charge	(\$0.00189)
Transmission Charge	\$0.00038
Transition Charge	(\$0.00074)
Transition Charge	(\$0.00008)
Energy Efficiency Programs	\$0.01353
Energy Efficiency Programs	\$0.07497
Energy Efficiency Programs	(\$0.00294)
Energy Efficiency Programs	\$0.00230
Energy Efficiency Programs	\$0.00866

Line Item on Bill

(26) Customer Charge	\$6.00
(27) LIHEAP Enhancement Charge	\$0.80
(28) RE Growth Program	\$1.90
(29) Transmission Charge	\$0.02945
(30) Distribution Energy Charge	\$0.05716
(31) Transition Charge	(\$0.00082)
(32) Energy Efficiency Programs	\$0.01353
(33) Renewable Energy Distribution Charge	\$0.00945
(34) Supply Services Energy Charge	\$0.08299

Column (s): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020  
Column (t): Line (13) per Schedule DEG-1, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020

Schedule DEG-4

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-09 Rate Customers

Monthly kWh	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			Total			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill			Percentage of Customers										
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = (b)+(c) x-25	Delivery Services (f)	Supply Services (g)	Low Income Discount (h) = (f)+(g) x-25	Delivery Services (j) = (b)+(f)	Supply Services (k) = (c)+(g)	Low Income Discount (l) = (j)+(k) x-25	Delivery Services (m) = (b)+(j)	Supply Services (n) = (c)+(k)	Low Income Discount (o) = (m)+(n) x-25	Delivery Services (p) = (j)-(f)	Supply Services (q) = (k)-(g)	Low Income Discount (r) = (l)-(h)		GET (t) = (o)-(r)	GET (u) = (p)-(q)	GET (v) = (t)-(u)							
150	\$22.54	\$12.45	(\$8.75)	\$26.24	\$1.09	\$27.33	\$22.79	\$12.45	(\$8.81)	\$26.43	\$1.10	\$27.53	\$0.19	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00	0.7%	0.00%	0.00%	0.00%	0.00%	0.00%	0.7%	32.1%
300	\$38.38	\$24.90	(\$15.82)	\$47.46	\$1.98	\$49.44	\$38.88	\$24.90	(\$15.95)	\$47.83	\$1.99	\$49.82	\$0.37	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00	0.7%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	15.4%
400	\$48.94	\$33.20	(\$20.54)	\$61.60	\$2.57	\$64.17	\$49.60	\$33.20	(\$20.70)	\$62.10	\$2.59	\$64.69	\$0.50	\$0.00	\$0.00	\$0.02	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	12.5%
500	\$59.50	\$41.50	(\$25.25)	\$75.75	\$3.16	\$78.91	\$60.33	\$41.50	(\$25.46)	\$76.37	\$3.18	\$79.55	\$0.62	\$0.00	\$0.00	\$0.02	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	9.6%
600	\$70.06	\$49.79	(\$29.96)	\$89.89	\$3.75	\$93.64	\$71.05	\$49.79	(\$30.21)	\$90.63	\$3.78	\$94.41	\$0.74	\$0.00	\$0.00	\$0.03	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	7.2%
700	\$80.62	\$58.09	(\$34.68)	\$104.03	\$4.33	\$108.36	\$81.78	\$58.09	(\$34.97)	\$104.90	\$4.37	\$109.27	\$0.87	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	16.4%
1,200	\$133.42	\$99.59	(\$58.25)	\$174.76	\$7.28	\$182.04	\$135.40	\$99.59	(\$58.75)	\$176.24	\$7.34	\$183.58	\$1.48	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	5.2%
2,000	\$217.90	\$165.98	(\$95.97)	\$287.91	\$12.00	\$299.91	\$221.20	\$165.98	(\$96.80)	\$290.38	\$12.10	\$302.48	\$2.47	\$0.00	\$0.00	\$0.10	\$0.00	\$0.00	0.8%	0.00%	0.00%	0.00%	0.00%	0.00%	0.8%	1.6%

Rates Effective April 1, 2020

Line Item on Bill	(w)	(x)
(1) Distribution Customer Charge	\$4.00	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90	\$1.90
(4) Distribution Charge (per kWh)	\$0.04496	\$0.04496
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00068)	(\$0.00068)
(7) Duplex Factor Charge	\$0.00396	\$0.00396
(8) Duplex Reconciliation Factor	\$0.00071	\$0.00071
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)
(10) Pension Adjustment Factor	(\$0.00065)	(\$0.00065)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(12) Arrangement Management Adjustment Factor	\$0.00010	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00000	\$0.00000
(14) Long-term Contracting for Renewable Energy Charge	\$0.00679	\$0.00679
(15) Net Metering Charge	\$0.00266	\$0.00266
(16) Base Transmission Charge	\$0.03906	\$0.03906
(17) Transmission Adjustment Factor	(\$0.00189)	(\$0.00189)
(18) Transmission Uncollectible Factor	\$0.00838	\$0.00838
(19) Base Transition Charge	(\$0.00074)	(\$0.00074)
(20) Transition Adjustment	(\$0.00068)	(\$0.00068)
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353
(22) Standard Offer Service Base Charge	\$0.07497	\$0.07497
(23) SOS Adjustment Factor	(\$0.00294)	(\$0.00294)
(24) SOS Administrative Cost Adjustment Factor	\$0.00230	\$0.00230
(25) Renewable Energy Standard Charge	\$0.00866	\$0.00866

Line Item on Bill	(w)	(x)
(26) Customer Charge	\$4.00	\$4.00
(27) LIHEAP Enhancement Charge	\$0.80	\$0.80
(28) RE Growth Program	\$1.90	\$1.90
(29) Transmission Charge	\$0.02945	\$0.02945
(30) Distribution Energy Charge	\$0.05399	\$0.05399
(31) Transition Charge	(\$0.00082)	(\$0.00082)
(32) Energy Efficiency Programs	\$0.01353	\$0.01353
(33) Renewable Energy Distribution Charge	\$0.00945	\$0.00945
(34) Supply Services Energy Charge	\$0.08299	\$0.08299
(35) Discount percentage	25%	25%

Column (w) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020  
 Column (x) Line (9) per Schedule DEG-1, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020

Schedule DEG-4

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-09 Rate Customers

Monthly kWh	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			Total Bill Impact of Proposed Rates			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill			Percentage of Customers	
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = (b)+(c) x .30	Delivery Services (fb)	Supply Services (f)	Low Income Discount (fi) = (fb)+(fi) x .30	Delivery Services (h)	Supply Services (i)	Low Income Discount (hi) = (h)+(i) x .30	Delivery Services (hb)+(fj)	Supply Services (ib)+(g)	Low Income Discount (hib)+(g)	Delivery Services (o) = (h)+(j) - [(hb)+(fj)]	Supply Services (s) = (i)+(c) - (f) = (ip) ± (f)	Low Income Discount (os) = (g) ± (g)		(v)
150	\$22.54	\$12.45	(\$10.50)	\$24.49	\$12.45	(\$10.57)	\$22.79	\$12.45	(\$10.57)	\$24.67	\$1.03	\$25.70	\$0.18	\$0.00	0.00%	0.7%	32.1%
300	\$38.38	\$24.90	(\$18.98)	\$44.30	\$24.90	(\$19.13)	\$38.88	\$24.90	(\$19.13)	\$44.65	\$1.86	\$46.51	\$0.35	\$0.00	0.00%	0.8%	15.4%
400	\$48.94	\$33.20	(\$24.64)	\$57.50	\$33.20	(\$24.84)	\$49.60	\$33.20	(\$24.84)	\$57.96	\$2.42	\$60.38	\$0.46	\$0.00	0.00%	0.8%	12.5%
500	\$59.50	\$41.50	(\$30.30)	\$70.70	\$41.50	(\$30.55)	\$60.33	\$41.50	(\$30.55)	\$71.28	\$2.97	\$74.25	\$0.58	\$0.00	0.00%	0.8%	9.6%
600	\$70.06	\$49.79	(\$35.96)	\$83.89	\$49.79	(\$35.25)	\$71.05	\$49.79	(\$35.25)	\$84.59	\$3.52	\$88.11	\$0.70	\$0.00	0.00%	0.8%	7.2%
700	\$80.62	\$58.09	(\$41.61)	\$97.10	\$58.09	(\$41.96)	\$81.78	\$58.09	(\$41.96)	\$97.91	\$4.08	\$101.99	\$0.81	\$0.00	0.00%	0.8%	16.4%
1,200	\$133.42	\$99.59	(\$69.90)	\$163.11	\$99.59	(\$70.50)	\$135.40	\$99.59	(\$70.50)	\$164.49	\$6.85	\$171.34	\$1.38	\$0.00	0.00%	0.8%	5.2%
2,000	\$217.90	\$165.98	(\$115.16)	\$268.72	\$165.98	(\$116.15)	\$221.20	\$165.98	(\$116.15)	\$271.03	\$11.29	\$282.32	\$2.31	\$0.00	0.00%	0.8%	1.6%

Rates Effective April 1, 2020

Line Item	(w)	(x)
(1) Distribution Customer Charge	\$4.00	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90	\$1.90
(4) Distribution Charge (per kWh)	\$0.04496	\$0.04496
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00068)	(\$0.00068)
(7) Coplex Factor Charge	\$0.00396	\$0.00396
(8) Coplex Reconciliation Factor	\$0.00071	\$0.00071
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)
(10) Pension Adjustment Factor	(\$0.00065)	(\$0.00065)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(12) Arrangement Management Adjustment Factor	\$0.00010	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00000	\$0.00000
(14) Long-term Contracting for Renewable Energy Charge	\$0.00679	\$0.00679
(15) Net Metering Charge	\$0.00266	\$0.00266
(16) Base Transmission Charge	\$0.03996	\$0.03996
(17) Transmission Adjustment Factor	(\$0.00189)	(\$0.00189)
(18) Transmission Unallocable Factor	\$0.00838	\$0.00838
(19) Base Transition Charge	(\$0.00074)	(\$0.00074)
(20) Transition Adjustment	(\$0.00008)	(\$0.00008)
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353
(22) Standard Offer Service Base Charge	\$0.07497	\$0.07497
(23) SOS Adjustment Factor	(\$0.00294)	(\$0.00294)
(24) SOS Administrative Cost Adjustment Factor	\$0.00230	\$0.00230
(25) Renewable Energy Standard Charge	\$0.00866	\$0.00866

Line Item on Bill	(w)	(x)
(26) Customer Charge	\$4.00	\$4.00
(27) LIHEAP Enhancement Charge	\$0.80	\$0.80
(28) RE Growth Program	\$1.90	\$1.90
(29) Transmission Charge	\$0.02945	\$0.02945
(30) Distribution Energy Charge	\$0.05399	\$0.05399
(31) Transition Charge	(\$0.00082)	(\$0.00082)
(32) Energy Efficiency Programs	\$0.01353	\$0.01353
(33) Renewable Energy Distribution Charge	\$0.00945	\$0.00945
(34) Supply Services Energy Charge	\$0.08299	\$0.08299
(35) Discount percentage	30%	30%

Line Item on Bill

Line Item	(y)	(z)
Customer Charge	\$4.00	\$4.00
LIHEAP Enhancement Charge	\$0.80	\$0.80
RE Growth Program	\$1.90	\$1.90
Distribution Energy Charge	\$0.02945	\$0.02945
Transmission Charge	\$0.00189	\$0.00189
Transition Charge	(\$0.00074)	(\$0.00074)
Energy Efficiency Programs	\$0.01353	\$0.01353
Supply Services Energy Charge	\$0.00866	\$0.00866

Column (w) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020  
Column (x) Line (9) per Schedule DEG-1, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020



The Narragansett Electric Company  
 Calculation of Monthly Typical Bill  
 Total Bill Impact of Proposed  
 Rates Applicable to C-06 Rate Customers

Monthly kWh	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			Line Item on Bill			Increase (Decrease) % of Total Bill			Percentage of Customers (n)		
	Delivery Services (b)	Supply Services (c)	GET (d)	Delivery Services (b)	Supply Services (c)	GET (d)	Delivery Services (f)	Supply Services (g)	GET (h)	Delivery Services (i)	Supply Services (k)	GET (l)		Total (m)	
250	\$39.48	\$19.41	\$2.45	\$39.89	\$19.41	\$2.47	\$0.41	\$0.00	\$0.02	\$0.43	0.0%	0.0%	\$0.43	0.7%	56.3%
500	\$65.21	\$38.82	\$4.33	\$66.03	\$38.82	\$4.37	\$0.82	\$0.00	\$0.04	\$0.86	0.0%	0.0%	\$0.86	0.8%	16.9%
1,000	\$116.66	\$77.64	\$8.10	\$118.31	\$77.64	\$8.16	\$1.65	\$0.00	\$0.06	\$1.71	0.0%	0.0%	\$1.71	0.8%	8.1%
1,500	\$168.12	\$116.46	\$11.86	\$170.59	\$116.46	\$11.96	\$2.47	\$0.00	\$0.10	\$2.57	0.0%	0.0%	\$2.57	0.8%	5.0%
2,000	\$219.57	\$155.28	\$15.62	\$222.87	\$155.28	\$15.76	\$3.30	\$0.00	\$0.14	\$3.44	0.0%	0.0%	\$3.44	0.8%	13.6%

Proposed Rates effective July 1, 2020

Rates Effective April 1, 2020

Line Item on Bill	(o)	(p)
(1) Distribution Customer Charge	\$10.00	\$10.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$2.95	\$2.95
(4) Distribution Charge (per kWh)	\$0.04400	\$0.04400
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)
(7) CapEx Factor Charge	\$0.00339	\$0.00339
(8) CapEx Reconciliation Factor	\$0.00074	\$0.00074
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)
(10) Pension Adjustment Factor	(\$0.00005)	(\$0.00005)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(12) Average Management Adjustment Factor	\$0.00010	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00152	\$0.00152
(14) Long-term Contracting for Renewable Energy Charge	\$0.00679	\$0.00679
(15) Net Metering Charge	\$0.00266	\$0.00266
(16) Base Transmission Charge	\$0.03110	\$0.03110
(17) Transmission Adjustment Factor	(\$0.00467)	(\$0.00467)
(18) Transmission Uncollectible Factor	\$0.00031	\$0.00031
(19) Base Transition Charge	(\$0.00074)	(\$0.00074)
(20) Transition Adjustment	(\$0.00008)	(\$0.00008)
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353
(22) Standard Offer Service Base Charge	\$0.06580	\$0.06580
(23) SOS Adjustment Factor	\$0.00094	\$0.00094
(24) SOS Administrative Cost Adjustment Factor	\$0.00224	\$0.00224
(25) Renewable Energy Standard Charge	\$0.00866	\$0.00866

Line Item on Bill

(26) Customer Charge	\$10.00
(27) LIHEAP Enhancement Charge	\$0.80
(28) RE Growth Program	\$2.95
(29) Transmission Charge	\$0.02674
(30) Distribution Energy Charge	\$0.05401
(31) Transition Charge	(\$0.00082)
(32) Energy Efficiency Programs	\$0.01353
(33) Renewable Energy Distribution Charge	\$0.00945
(34) Supply Services Energy Charge	\$0.07764

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020  
 Column (p): Line (9) per Schedule DEG-1, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G12 Rate Customers

kW	Monthly Power Hours Use	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill						
		Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)				
20	200	\$1103.51	\$310.56	\$33.92	\$847.99	\$510.11	\$310.56	\$34.19	\$854.86	\$6.60	\$0.00	\$0.27	\$6.87	0.8%	0.0%	0.0%	0.8%
50	200	\$1131.95	\$776.40	\$78.76	\$1,069.11	\$1,130.45	\$776.40	\$79.45	\$1,996.30	\$16.50	\$0.00	\$0.69	\$17.19	0.8%	0.0%	0.0%	0.9%
100	200	\$2,131.35	\$1,552.80	\$153.51	\$3,837.66	\$2,164.35	\$1,552.80	\$154.88	\$3,873.03	\$33.00	\$0.00	\$1.37	\$34.37	0.9%	0.0%	0.0%	0.9%
150	200	\$3,148.75	\$2,329.20	\$228.25	\$5,706.20	\$3,198.25	\$2,329.20	\$230.31	\$5,757.76	\$49.50	\$0.00	\$2.06	\$51.56	0.9%	0.0%	0.0%	0.9%
20	300	\$586.09	\$465.84	\$43.83	\$1,095.76	\$395.99	\$465.84	\$44.24	\$1,106.07	\$9.90	\$0.00	\$0.41	\$10.31	0.9%	0.0%	0.0%	0.9%
50	300	\$1,320.40	\$1,164.60	\$103.54	\$2,588.54	\$1,345.15	\$1,164.60	\$104.57	\$2,614.32	\$24.75	\$0.00	\$1.03	\$25.78	1.0%	0.0%	0.0%	1.0%
100	300	\$2,544.25	\$2,329.20	\$203.06	\$5,076.51	\$2,393.75	\$2,329.20	\$205.12	\$5,128.07	\$49.50	\$0.00	\$2.06	\$51.56	1.0%	0.0%	0.0%	1.0%
150	300	\$3,768.10	\$3,493.80	\$302.58	\$7,664.48	\$3,842.35	\$3,493.80	\$305.67	\$7,641.82	\$74.25	\$0.00	\$3.09	\$77.34	1.0%	0.0%	0.0%	1.0%
20	400	\$668.67	\$621.12	\$33.74	\$1,343.53	\$681.87	\$621.12	\$54.29	\$1,357.28	\$13.20	\$0.00	\$0.55	\$13.75	1.0%	0.0%	0.0%	1.0%
50	400	\$1,526.85	\$1,552.80	\$128.32	\$3,207.97	\$1,559.85	\$1,552.80	\$129.69	\$3,242.34	\$33.00	\$0.00	\$1.37	\$34.37	1.0%	0.0%	0.0%	1.1%
100	400	\$2,957.15	\$3,105.60	\$252.61	\$6,315.36	\$3,023.15	\$3,105.60	\$255.36	\$6,384.11	\$66.00	\$0.00	\$2.75	\$68.75	1.0%	0.0%	0.0%	1.1%
150	400	\$4,387.45	\$4,658.40	\$376.91	\$9,422.76	\$4,486.45	\$4,658.40	\$381.04	\$9,525.89	\$99.00	\$0.00	\$4.13	\$103.13	1.1%	0.0%	0.0%	1.1%
20	500	\$751.25	\$776.40	\$63.65	\$1,591.30	\$767.75	\$776.40	\$64.34	\$1,608.49	\$16.50	\$0.00	\$0.69	\$17.19	1.0%	0.0%	0.0%	1.1%
50	500	\$1,733.30	\$1,941.00	\$153.10	\$3,827.40	\$1,774.55	\$1,941.00	\$154.81	\$3,870.36	\$41.25	\$0.00	\$1.71	\$42.96	1.1%	0.0%	0.0%	1.1%
100	500	\$3,370.05	\$3,882.00	\$302.17	\$7,554.22	\$3,452.55	\$3,882.00	\$305.61	\$7,640.16	\$85.50	\$0.00	\$3.44	\$88.94	1.1%	0.0%	0.0%	1.1%
150	500	\$5,096.80	\$5,823.00	\$451.24	\$11,281.04	\$5,130.55	\$5,823.00	\$456.40	\$11,409.95	\$123.75	\$0.00	\$5.16	\$128.91	1.1%	0.0%	0.0%	1.1%
20	600	\$833.83	\$931.68	\$73.56	\$1,839.07	\$853.63	\$931.68	\$74.39	\$1,859.70	\$19.80	\$0.00	\$0.83	\$20.63	1.1%	0.0%	0.0%	1.1%
50	600	\$1,939.75	\$2,329.20	\$177.87	\$4,446.82	\$1,989.25	\$2,329.20	\$179.94	\$4,498.39	\$49.50	\$0.00	\$2.07	\$51.57	1.1%	0.0%	0.0%	1.2%
100	600	\$3,782.95	\$4,658.40	\$351.72	\$8,793.07	\$3,881.95	\$4,658.40	\$355.85	\$8,896.20	\$99.00	\$0.00	\$4.13	\$103.13	1.1%	0.0%	0.0%	1.2%
150	600	\$5,626.15	\$6,987.60	\$525.57	\$13,139.32	\$5,774.65	\$6,987.60	\$531.76	\$13,294.01	\$148.50	\$0.00	\$6.19	\$154.69	1.1%	0.0%	0.0%	1.2%

Rates Effective April 1, 2020 (o)

Proposed Rates effective July 1, 2020 (p)

Line Item on Bill

(1) Distribution Customer Charge	\$145.00	Customer Charge	\$145.00
(2) LIHEAP Enhancement Charge	\$0.80	LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$27.95	RE Growth Program	\$27.95
(4) Base Distribution Demand Charge (per kW > 10kW)	\$6.75	Distribution Demand Charge	\$6.75
(5) CapEx Factor Demand Charge (per kW > 10kW)	\$0.97		\$0.97
(6) Distribution Charge (per kWh)	\$0.00465		\$0.00465
(7) Operating & Maintenance Expense Charge	\$0.00169		\$0.00169
(8) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)		(\$0.00008)
(9) CapEx Reconciliation Factor	\$0.00058		\$0.00058
(10) Revenue Decoupling Adjustment Factor	(\$0.00061)	Distribution Energy Charge	\$0.00104
(11) Pension Adjustment Factor	(\$0.00005)		(\$0.00005)
(12) Storm Fund Replenishment Factor	\$0.00288		\$0.00288
(13) Arrangement Management Adjustment Factor	\$0.00010		\$0.00010
(14) Low Income Discount Recovery Factor	\$0.00152		\$0.00152
(15) Long-term Contracting for Renewable Energy Charge	\$0.00679	Renewable Energy Distribution Charge	\$0.00679
(16) Net Metering Charge	\$0.00266	Transmission Demand Charge	\$4.37
(17) Transmission Demand Charge	\$4.37		\$4.37
(18) Base Transmission Charge	\$0.01214		\$0.01214
(19) Transmission Adjustment Factor	(\$0.00399)	Transmission Adjustment	(\$0.00399)
(20) Transmission Uncollectible Factor	\$0.00030		\$0.00030
(21) Base Transition Charge	(\$0.00074)	Transition Charge	(\$0.00074)
(22) Transition Adjustment	(\$0.00083)	Energy Efficiency Programs	(\$0.00083)
(23) Energy Efficiency Program Charge	\$0.01353		\$0.01353
(24) Standard Offer Service Base Charge	\$0.00580	Supply Services Energy Charge	\$0.00580
(25) SOS Adjustment Factor	\$0.00094		\$0.00094
(26) SOS Administrative Cost Adjustment Factor	\$0.00224		\$0.00224
(27) Renewable Energy Standard Charge	\$0.00866		\$0.00866
Line Item on Bill			
(28) Customer Charge	\$145.00		\$145.00
(30) LIHEAP Enhancement Charge	\$0.80		\$0.80
(29) RE Growth Program	\$27.95		\$27.95
(31) Transmission Adjustment	\$0.00845		\$0.00845
(32) Distribution Energy Charge	\$0.01068		\$0.01068
(33) Distribution Demand Charge	\$7.72		\$7.72
(34) Transmission Demand Charge	\$4.37		\$4.37
(33) Transition Charge	(\$0.00082)		(\$0.00082)
(34) Energy Efficiency Programs	\$0.01353		\$0.01353
(35) Renewable Energy Distribution Charge	\$0.00945		\$0.00945
(30) Supply Services Energy Charge	\$0.00764		\$0.00764

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020

Column (p): Line (10) per Schedule DEG-4, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

kW	Monthly Power Hours Use (a)	kWh	Rates Effective April 1, 2020				Proposed Rates effective July 1, 2020				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
			Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)
200	200	40,000	\$3,967.31	\$3,293.47	\$302.53	\$7,563.31	\$4,033.31	\$3,293.47	\$305.28	\$7,632.06	\$66.00	\$0.00	\$2.75	\$68.75	0.9%	0.0%	0.0%	0.9%
750	200	150,000	\$14,588.91	\$12,350.50	\$1,122.48	\$28,061.89	\$14,836.41	\$12,350.50	\$1,132.79	\$28,319.70	\$247.50	\$0.00	\$10.31	\$257.81	0.9%	0.0%	0.0%	0.9%
1,000	200	200,000	\$19,416.91	\$16,467.33	\$1,495.18	\$37,379.42	\$19,746.91	\$16,467.33	\$1,508.93	\$37,723.17	\$330.00	\$0.00	\$13.75	\$343.75	0.9%	0.0%	0.0%	0.9%
1,500	200	300,000	\$29,072.91	\$24,701.00	\$2,240.58	\$56,014.49	\$29,567.91	\$24,701.00	\$2,261.20	\$56,530.11	\$495.00	\$0.00	\$20.62	\$515.62	0.9%	0.0%	0.0%	0.9%
2,500	200	500,000	\$48,384.91	\$41,168.33	\$3,731.39	\$93,284.63	\$49,209.91	\$41,168.33	\$3,765.76	\$94,144.00	\$825.00	\$0.00	\$34.37	\$859.37	0.9%	0.0%	0.0%	0.9%
5,000	200	1,000,000	\$96,664.91	\$82,336.67	\$7,458.40	\$186,459.98	\$98,314.91	\$82,336.67	\$7,527.15	\$188,178.73	\$1,650.00	\$0.00	\$68.75	\$1,718.75	0.9%	0.0%	0.0%	0.9%
7,500	200	1,500,000	\$144,944.91	\$123,505.00	\$11,185.41	\$279,635.32	\$147,419.91	\$123,505.00	\$11,288.54	\$282,213.45	\$2,475.00	\$0.00	\$103.13	\$2,578.13	0.9%	0.0%	0.0%	0.9%
10,000	200	2,000,000	\$193,224.91	\$164,673.33	\$14,912.43	\$372,810.67	\$196,524.91	\$164,673.33	\$15,049.93	\$376,248.17	\$3,300.00	\$0.00	\$137.50	\$3,437.50	0.9%	0.0%	0.0%	0.9%
20,000	200	4,000,000	\$386,344.91	\$329,346.67	\$29,820.48	\$745,512.06	\$392,944.91	\$329,346.67	\$30,095.48	\$752,387.06	\$6,600.00	\$0.00	\$275.00	\$6,875.00	0.9%	0.0%	0.0%	0.9%

	Rates Effective April 1, 2020		Proposed Rates effective July 1, 2020		Line Item on Bill
	(o)	(p)	(o)	(p)	
(1) Distribution Customer Charge		\$1,100.00		\$1,100.00	Customer Charge
(2) LIHEAP Enhancement Charge		\$0.80		\$0.80	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Program Charge		\$232.11		\$232.11	RE Growth Program
(4) Base Distribution Demand Charge (per kW > 200kW)		\$5.20		\$5.20	Distribution Demand Charge
(5) CapEx Factor Demand Charge (per kW > 200kW)		\$0.94		\$0.94	
(6) Distribution Charge (per kWh)		\$0.00418		\$0.00418	
(7) Operating & Maintenance Expense Charge		\$0.00086		\$0.00086	
(8) Operating & Maintenance Expense Reconciliation Factor		(\$0.000089)		(\$0.000089)	
(9) CapEx Reconciliation Factor		\$0.00027		\$0.00027	
(10) Revenue Decoupling Adjustment Factor		(\$0.00061)		(\$0.00104)	Distribution Energy Charge
(11) Pension Adjustment Factor		(\$0.00005)		(\$0.00005)	
(12) Storm Fund Replenishment Factor		\$0.00288		\$0.00288	
(13) AVERAGE Management Adjustment Factor		\$0.00010		\$0.00010	
(14) Low Income Discount Recovery Factor		\$0.00152		\$0.00152	
(15) Long-term Contracting for Renewable Energy Charge		\$0.00679		\$0.00679	Renewable Energy Distribution Charge
(16) Net Metering Charge		\$0.00266		\$0.00266	
(17) Transmission Demand Charge		\$4.47		\$4.47	Transmission Demand Charge
(18) Base Transmission Charge		\$0.01264		\$0.01264	
(19) Transmission Adjustment Factor		(\$0.00070)		(\$0.00070)	Transmission Adjustment
(20) Transmission Unallocatable Factor		\$0.00034		\$0.00034	
(21) Base Transition Charge		(\$0.00074)		(\$0.00074)	Transition Charge
(22) Transition Adjustment		(\$0.00008)		(\$0.00008)	
(23) Energy Efficiency Program Charge		\$0.01353		\$0.01353	Energy Efficiency Programs
(24) Standard Offer Service Base Charge		\$0.06801		\$0.06801	
(25) SOS Adjustment Factor		\$0.00381		\$0.00381	Supply Services Energy Charge
(26) SOS Administrative Cost Adjustment Factor		\$0.00186		\$0.00186	
(27) Renewable Energy Standard Charge		\$0.00866		\$0.00866	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020  
Column (p): Line (10) per Schedule DEG-1, Line (7); all other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 4/1/2020