

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: Docket 5031 – Residential Assistance Recovery Filing**

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I have enclosed 10 copies of the Residential Assistance Recovery filing, which the Company is submitting pursuant to the Company's Residential Assistance Provision (RAP), RIPUC No. 2216. The RAP filing proposes a new Arrearage Management Adjustment Factor (AMAF) and a new Low Income Discount Recovery Factor (LIDRF), both of which are covered under the RAP.

The proposed AMAF is designed to recover the entire balance of arrearages owed by Arrearage Management Program (AMP) participants who have not satisfied the conditions of R.I. Gen. Laws § 39-2-1(d)(2) in the calendar year and the arrearages for customers who have successfully satisfied the conditions of R.I. Gen. Laws § 39-2-1(d)(2) subject to the bad debt test included in the RAP. The proposed LIDRF is intended to recover the estimated amount of low income discounts given to Rate A-60 (residential low income) customers during the period July 2020 through June 2021, pursuant to the RAP, in addition to recovering the ending under-recovered balance for the Prior Period Recovery which ended on June 30, 2019.

This filing includes the direct testimony and schedules of Adam S. Crary. In his testimony, Mr. Crary describes National Grid's proposed AMAF of \$0.00015 per kilowatt-hour (kWh), applicable to all electric customers, effective July 1, 2020, and its derivation.

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

# Robinson+Cole

May 15, 2020

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Additionally, Mr. Crary's testimony presents the calculation of the estimated low income discount for the upcoming year and the calculation of a LIDRF of \$0.00176 per kWh, which would be assessed to all customers other than Rate A-60 customers.

As a result of the proposed AMAF and the proposed LIDRF, an average residential Standard Offer Service customer using 500 kWh per month will experience a total bill increase of \$0.16, or 0.1%, from \$108.08 to \$108.24.

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

Very truly yours,



Leticia C. Pimentel

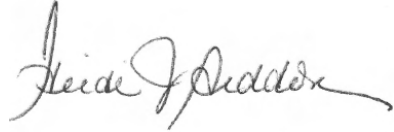
Enclosures

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. 5031 - National Grid – Residential Assistance Recovery Filing  
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**THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC DOCKET NO. 5031  
RESIDENTIAL ASSISTANCE RECOVERY FILING  
WITNESS: ADAM S. CRARY**

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**DIRECT TESTIMONY**

**OF**

**ADAM S. CRARY**

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1 **I. Introduction and Qualifications**

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

3 A. My name is Adam S. Crary, 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. I am a Senior Analyst in the New England Electric Pricing group of the Strategy and  
8 Regulation department of National Grid USA Service Company, Inc. (National Grid).  
9 This department provides rate-related support to The Narragansett Electric Company  
10 d/b/a National Grid (the Company).

11

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

13 A. In 1995, I graduated from Berklee College of Music in Boston, MA with a Bachelor of  
14 Music degree.

15

16 **Q. Please describe your professional experience.**

17 A. For approximately eight years between 2000 and 2014, I was employed by Computer  
18 Sciences Corporation as a Pricing Analyst for their Managed Hosting and Cloud  
19 Computing business divisions, respectively. I began my employment as a Senior Pricing  
20 Analyst with National Grid in June 2014.

21

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

3 A. Yes.  
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 of a revised  
8 Arrearage Management Adjustment Factor (AMAF) of \$0.00015 per kilowatt-hour  
9 (kWh), applicable to all electric customers, effective July 1, 2020, to recover actual  
10 eligible arrears forgiven during calendar year (CY) 2019. Additionally, my testimony  
11 supports the Company's proposal to increase the currently-effective Low-Income  
12 Discount Recovery Factor (LIDRF) from \$0.00152 per kWh to \$0.00176 per kWh,  
13 applicable to all electric customers except those receiving delivery service on Rate A-60,  
14 for the period July 1, 2020 through June 30, 2021. Finally, I present the reconciliations  
15 of the prior period and currently effective AMAF, and the prior period and currently  
16 effective LIDRF.  
17

18 The Company submits this filing in compliance with the Company's Residential  
19 Assistance Provision, RIPUC No. 2216, effective January 15, 2019 (RAP). The proposed  
20 AMAF is designed to recover the amount of arrears owed by AMP participants and  
21 forgiven under the program but who have not satisfied the conditions of R.I. Gen. Laws



1 § 39-2-1(d)(2) in CY 2019, as well as the amount of arrears of AMP participants who  
2 have successfully satisfied the conditions of R.I. Gen. Laws § 39-2-1(d)(2) subject to the  
3 bad debt test prescribed in the RAP. The proposed LIDRF is designed to recover the  
4 estimated low income discounts credited to the bills of Rate A-60 customers during the  
5 period July 1, 2020 through June 30, 2021, as well as the remaining under-recovery  
6 balance of revenues received less discounts applied for the reconciliation period between  
7 September 1, 2018 and July 1, 2019.

8  
9 **Q. Are you presenting any schedules in support of the Company's proposal in this**  
10 **filing?**

11 A. Yes. I am presenting the following five schedules in support of the Company's proposal  
12 in this filing:

13 Schedule ASC-1 Arrearage Management Adjustment Factor and Calculations of  
14 Recoverable Arrearage Management Forgiveness Amount

15 Schedule ASC-2 Reconciliation of Recovery of CY 2017 AMP Forgiveness, July 1,  
16 2018 through June 2019, and status of Reconciliation of Recovery  
17 of CY 2018 AMP Forgiveness, July 1, 2019 through Present

18 Schedule ASC-3 Calculation of Estimated Low Income Discount, Low Income  
19 Discount Recovery Factor, and Effective Discount Percentage  
20 Calculation

21 Schedule ASC-4 Reconciliation of Low Income Discount and Recovery, For the  
22 Period September 1, 2018 through Present

23 Schedule ASC-5 Typical Bills

24

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

3 A. No, the Company is not proposing changes to its Summary of Retail Delivery Service  
4 Rates at this time. The Company is proposing a new RDM Adjustment Factor, a  
5 Performance Incentive Recovery Factor, and a new Long-Term Contracting for  
6 Renewable Energy Recovery Factor in separate filings which would, if approved, also  
7 take effect on July 1, 2020. Therefore, to avoid the confusion that may arise from  
8 filing multiple versions of the Summary of Retail Delivery Service Rates, the  
9 Company will file a revised Summary of Retail Delivery Service Rates that  
10 incorporates all rate changes effective July 1, 2020 once the PUC has ruled on these  
11 proposals.

12

13 **III. Calculation of Recoverable Arrearage Forgiveness Amount**

14 **Q. Please describe the Company's calculation of the amount of recoverable arrearage**  
15 **forgiveness.**

16 A. Pursuant to Section XII of the AMP section of the RAP, at the end of each calendar year  
17 ending December 31, the Company is required to perform the calculation of the amount  
18 of arrears forgiveness eligible for recovery for the calendar year. The arrears eligible for  
19 recovery consists of the following two components: (1) amounts for AMP participants  
20 who did not successfully complete the AMP; and (2) amounts for AMP participants who

1 successfully completed the AMP, which is subject to a bad debt test (discussed in more  
2 detail later in my testimony).

3  
4 **Q. Has the Company prepared such a calculation for CY 2019?**

5 A. Yes, the CY 2019 calculation of recoverable arrears forgiven is presented in Schedule  
6 ASC-1, Page 2.

7  
8 **IV. Recoverable Arrears Forgiven for CY 2019**

9 **A. Unsuccessful Participants**

10 **Q. What does the Company mean when it refers to a customer who has not successfully**  
11 **completed the AMP, or an “unsuccessful participant”?**

12 A. The RAP sets forth the following reasons why an AMP participant may be deemed  
13 unsuccessful:

- 14 a. An AMP participant misses more than two payments of the 12-month payment  
15 plan.
- 16 b. An AMP participant does not pay the entire amount due under the 12-month  
17 payment by the conclusion of the 12 months.
- 18 c. An AMP participant opts out of the payment plan prior to its conclusion.
- 19 d. An AMP participant moves out of the Company service territory prior to the  
20 conclusion of the payment plan.

21  
22 **Q. What is the ratemaking treatment for amounts forgiven for unsuccessful AMP**  
23 **participants?**

1 A. Section XII (Cost Recovery), subsection i., of the RAP provides as follows: “If a  
2 customer does not satisfy the conditions of R.I. Gen. Laws § 39-2-1(d)(2), the amount of  
3 arrearage forgiven by the Company to that point shall remain forgiven and be written off  
4 by the Company. However, the amount of arrearage forgiven by the Company is  
5 recoverable in full.”

6

7 **Q. How much arrears did the Company forgive for unsuccessful AMP participants in**  
8 **CY 2019?**

9 A. As shown on Schedule ASC-1, Page 2, Lines (13) and (14), the Company forgave a total  
10 of \$657,178 in arrears during CY 2019 for unsuccessful participants. Of that amount,  
11 \$557,317 was due to participants who defaulted from the AMP, and an additional  
12 \$99,861 was due to customers who voluntarily opted out of the AMP prior to successful  
13 completion.

14

15 **B. Successful Participants**

16 **Q. What constitutes a successful participant under the AMP?**

17 A. A successful AMP participant is a participating customer who pays the full balance of  
18 their payment plan within the 12- month period, or whose payment plan has been extended  
19 beyond the initial 12-month period.

20

1 **Q. What is the ratemaking treatment for amounts of arrears forgiven for successful**  
2 **AMP participants?**

3 A. Section XII (Cost Recovery), subsection ii., of the RAP currently requires that the  
4 Company perform a test to determine how much of the arrears forgiven for this group of  
5 AMP participants is recoverable. R.I. Gen. Laws § 39-2-1(d)(2) categorizes arrears  
6 forgiven as bad debt. In this test, the Company determines if the actual amount of bad  
7 debt for the year exceeds the adjusted allowable bad debt from the Company's most  
8 recent general rate case plus recovery of Standard Offer Service, transmission,  
9 Renewable Energy Growth, Long Term Contracting for Renewable Energy Recovery,  
10 and energy efficiency-related bad debt. If the actual amount of bad debt the Company  
11 incurs exceeds the adjusted allowable bad debt amount, the Company is entitled to  
12 recover all amounts of arrears forgiven in excess of the allowable bad debt. If this test  
13 isn't met, then none of the arrears forgiven for successful AMP participants is  
14 recoverable.

15  
16 **Q. How much arrears was forgiven in CY 2019 for successful AMP participants?**

17 A. Schedule ASC-1, Page 2, Line (11) shows that \$445,084 of arrears forgiven in CY 2019  
18 was for successful participants.

19  
20 **Q. How much of the arrears forgiven for successful AMP participants is eligible for**  
21 **recovery after performing the bad debt test?**

1 A. Schedule ASC-1, Page 2, Line (10) demonstrates that the Company experienced  
2 \$1,116,925 more bad debt in CY 2019 than the adjusted allowable bad debt of  
3 \$13,579,677.<sup>1</sup> Therefore, the entire amount of the arrears forgiven for successful  
4 participants, or \$445,084, is eligible for recovery.

5

6 **V. AMAF Calculation**

7 **Q. How was the 2019 AMAF calculated?**

8 A. As demonstrated on Schedule ASC-1, Page 2, Line (15), the Company added the total  
9 amount of unsuccessful arrearage forgiveness of \$657,178 from Lines (13) and (14) to  
10 the eligible amount for successful participants of Line (12), which results in a total of  
11 \$1,102,262 proposed for recovery. This amount, as shown on Schedule ASC-1, Page 1,  
12 Line (1), is then adjusted by the ending under-recovery balance for the Prior Recovery  
13 Period which ended on June 30, 2019, or \$11,002, as shown on Line (2). These amounts  
14 are summed together on Line (3), in order to calculate the Total Adjusted Arrearage  
15 Recovery Amount of \$1,113,264. Line (3) is then divided by the forecasted kWh for July  
16 2020 through June 2021 on Line (4) to derive the proposed AMAF of \$0.00015 per kWh,  
17 as shown on Line (5).

18

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<sup>1</sup> In other words, in CY 2019 the Company experienced a total of \$14,696,601 in bad debt, measured as net charge offs determined consistent with how net charge offs are determined in a general rate case, compared to an adjusted allowable bad debt amount of \$13,579,677.

1 **VI. Reconciliation of the Recovery of the CY 2017 and CY 2018 AMP Forgiveness**

2  
3 **Q. Has the Company included a status of the recovery of the \$707,859 approved for**  
4 **recovery for the period January 2018 through December 2018 that the Company is**  
5 **crediting/recovering during the 12 months ending June 30, 2020?**

6 A. Yes, Schedule ASC-2, Page 1 shows that of the \$707,859 of AMP forgiveness for CY  
7 2018 approved for recovery in Docket No. 4950, there is a balance remaining of  
8 \$154,030 to be recovered from customers as of the end of April 2020. The Company will  
9 continue to recover the remaining balance through June 30, 2020. The ending balance,  
10 positive or negative, will be included for recovery through the AMAF proposed effective  
11 July 1, 2021 in next year's filing.

12  
13 **Q. Has the Company included a schedule showing the final balance of the recovery of**  
14 **the approved recovery amount for the period January 2017 through December**  
15 **2017?**

16 A. Yes. Schedule ASC-2, Page 2 shows that of the \$169,048 of AMP forgiveness for CY  
17 2017 approved for recovery in Docket No. 4651, there is a final under-recovery balance  
18 remaining of \$11,002 as of July 2019. This under-recovery balance has been included as  
19 an adjustment to the CY19 Recoverable Arrearage Forgiveness Amount, as previously  
20 discussed, and shown on Schedule ASC-1, Page 1, Line (2) .

21

1 **VII. Low-Income Discount Recovery Factor**

2 **Q. Please describe the Company's calculation of the estimated low income discount and**  
3 **the Low-Income Discount Recovery Factor.**

4 A. Schedule ASC-3, Lines (1) through (25), shows the calculation of the expected billings  
5 for customers on Rate A-60 for the period of July 2020 through June 2021 based on  
6 currently effective rates (as of April 1, 2020), Rate Year 3 base distribution rates for  
7 effect September 1, 2020 included in the Company's August 2018 compliance filing in  
8 Docket No. 4770, as well as last winter's residential Standard Offer Service rate. The  
9 total amount of estimated billings shown on Line (25) is then multiplied by the effective  
10 discount rate of 25.5 percent, which is based upon actual low income discounts at the 25  
11 percent and 30 percent levels for the months of May 2019 through April 2020, resulting  
12 in a total estimated annual discount of \$11,445,700. On Line (27), the ending Under-  
13 Recovery Balance of \$565,720 resulting from the Prior Recovery Period ending June 30,  
14 2019 is included as an adjustment. Line (28) sums Lines (26) and (27). This amount is  
15 then divided by the forecasted kWh for all customer classes except Rate A-60 from July  
16 2020 through June 2021 to derive the proposed factor of \$0.00176 per kWh shown on  
17 ASC-3, Page 1, Line (30).

18  
19 **Q. Please describe the Company's calculation of the effective discount rate on Line (26)**  
20 **used in the calculation of the estimated low income discount.**



1 A. The calculation of the effective discount rate is presented on Page 2 of Schedule ASC-3.  
2 Section 1 presents data associated with customers receiving a 25 percent discount during  
3 the months May 2019 through April 2020. Section 2 presents data associated with  
4 customers receiving a 30 percent discount during the months May 2019 through April  
5 2020. Section 3 totals Sections 1 and 2 and calculates the effective discount rate used to  
6 estimate the low income discount for the period of July 2020 through June 2021.  
7

8 **VIII. Reconciliation for the Currently Effective LIDRF**

9 **Q. Has the Company included a schedule showing the final balance of the recovery of**  
10 **the approved recovery amount for the period September 2018 through June 2019?**

11 A. Yes. Schedule ASC-4, Page 1 shows that Low Income Credits issued during the  
12 Reconciliation period between September 1, 2018 and June 30, 2019 were in excess of  
13 revenues received through the LIDRF by \$565,720 (including accumulated interest) as of  
14 June 30, 2019. This under-recovery balance has been included for recovery as an  
15 adjustment to the estimated Low Income Discount Recovery for the period Between July  
16 1, 2020 and June 30, 2021, as shown on Schedule ASC-3, Page 1, Line (27).  
17

18 **Q. Has the Company included a reconciliation of the low income discount being**  
19 **recovered through the currently effective LIDRF?**

20 A. Yes. Schedule ASC-4, Page 2 shows the reconciliation of the recovery of low income  
21 discounts and revenue from the billing of the LIDRF during the current recovery period

1 of July 1, 2019 through June 30, 2020. As of April 30, 2020, there is an under-recovery  
2 of \$857,127 as shown on schedule ASC-4, Page 2, Column (h), Line (10).  
3

4 **Q. Please describe the LIDRF Reconciliation.**

5 A. The reconciliation begins with an opening balance of \$0. Each month the Company  
6 records the revenue billed through the LIDRF and the low income discounts credited to  
7 the bills of customers on Rate A-60. The difference between the two represents the  
8 monthly over- or under-recovery of low income discounts. Interest is then added to the  
9 balance and is based on the customer deposit rate applied to the average of the beginning  
10 and ending monthly balances, divided by twelve. The interest is then added to the over-  
11 or under-recovery to come to the final ending over/under recovery balance.  
12

13 **Q. When will the Company request approval for the remaining balance in the LIDRF**  
14 **reconciliation?**

15 A. As of June 30, 2020, the ending balance of the LIDRF reconciliation, positive or  
16 negative, including interest, will be included for recovery through the LIDRF proposed  
17 effective July 1, 2021 in next year's filing.  
18

1 **IX. Company kWh Forecast**

2 **Q. Please describe the kilowatt-hour forecast the Company utilized to calculate the**  
3 **proposed Arrearage Management Adjustment Factor and Low Income Discount**  
4 **Recovery Factor.**

5 A. The Company's Advanced Analytics group forecasts kWh deliveries using econometric  
6 models that relate monthly billed kWh to weather, economic variables, and other  
7 exogenous variables affecting the demand for electricity. The econometric models  
8 predict future kWh deliveries based on the assumption of normal weather and on  
9 forecasts of various Rhode Island economic variables provided by Moody's Analytics.  
10 The Company's latest annual fall release of kWh forecasts was produced from these  
11 models using actual weather, kWh, and customer count data through August 2019, and  
12 Moody's Analytics' forecast of the Rhode Island economy through August 2019. Given  
13 the current economic climate, for the purpose of sensitivity analysis, the Advanced  
14 Analytics group created an unofficial revised forecast with updates to actual weather,  
15 kWh and customer count data through April 2020, and Moody's Analytic's latest forecast  
16 of the Rhode Island economy. There was a slight decrease in total kWh forecasted for  
17 the recovery period in this filing which would have resulted in a slight increase to the  
18 proposed RDM Adjustment Factor. In the interest of minimizing customer bill impacts  
19 and since the impacts of the COVID-19 pandemic on the economy are evolving, the  
20 Company decided to utilize its official annual kWh forecast for the purposes of  
21 calculating the factors proposed in this filing.

1 X. **Bill Impacts**

2 Q. **What is the bill impact as a result of the proposed AMAF and LIDRF?**

3 A. The typical bill analysis is included in Schedule ASC-5. The impact of the proposed  
4 AMAF and the proposed LIDRF on a typical residential Standard Offer Service customer  
5 using 500 kWh per month is an increase of \$0.16, or 0.1%, from \$108.08 to \$108.24.

6

7 XI. **Conclusion**

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

9 A. Yes.

The Narragansett Electric Company  
Arrearage Management Adjustment Factor Calculation

(1) Total Recoverable Arrearage Forgiveness Amount	\$1,102,262
(2) Ending (Over)/Under Recovery Balance for the Prior Period Recovery Ending June 30, 2019	\$11,002
(3) Total Adjusted Recoverable Arrearage Forgiveness Amount	\$1,113,264
(4) Forecasted July 1, 2020 - June 30, 2021 kWh Deliveries	6,995,385,617
(5) Proposed Arrearage Management Adjustment Factor	\$0.00015

- (1) Page 2, Line (15)
- (2) Schedule ASC-2 Page 2, Line (16), Column (c)
- (3) Line (1) + Line (2)
- (4) per Company forecast
- (5) Line (3) ÷ Line (4), truncated to 5 decimal places

The Narragansett Electric Company  
Calculation of Recoverable Arrearage Forgiveness Amount  
Calendar Year 2019

Uncollectible Recovery from:

(1)	Rate Year Base Distribution Rates (Docket 4770 - 8 Months Rate Year 1)	\$2,853,249
(2)	Rate Year Base Distribution Rates (Docket 4770 - 4 Months Rate Year 2)	\$1,442,712
(3)	Calendar Year Commodity Rates	\$5,018,147
(4)	Calendar Year Transmission Rates	\$2,443,814
(5)	Calendar Year Energy Efficiency Program Factor	\$1,040,244
(6)	Calendar Year Long Term Contract Renewable Energy Recovery Factor	\$577,589
(7)	Calendar Year RE Growth Factors	<u>\$203,921</u>
(8)	Total Allowable Bad Debt	\$13,579,677
(9)	Total Actual Net Charge Offs	<u>\$14,696,601</u>
(10)	Actual Above / (Below) Allowable Bad Debt	\$1,116,925
(11)	Amount of AMP Successful Participants Arrearage Forgiveness	\$445,084
(12)	Recoverable Arrearage Forgiveness Due to AMP Successful Participants	\$445,084
(13)	Recoverable Arrearage Forgiveness Due to AMP Unsuccessful Participants (Cancelled)	\$99,861
(14)	Recoverable Arrearage Forgiveness Due to AMP Unsuccessful Participants (Default)	<u>\$557,317</u>
(15)	Total Recoverable Arrearage Forgiveness Amount	\$1,102,262
(1)	RIPUC Docket No. 4770, August 16, 2018 Compliance Filing, [Compliance Attachment 2, Schedule MAL-3, Page 3, Line (11) Column (a) of \$4,122,270, plus EDIT True-Up, Second Compliance Filing, Second Compliance Attachment 2, Page 1, Line 7, Column (f) of \$157,604] ÷ 12 x 8	
(2)	RIPUC Docket No. 4770, August 16, 2018 Compliance Filing, [Compliance Attachment 2, Schedule MAL-3, Page 3, Line (11) Column (a) of \$4,122,270, plus EDIT True-Up, Second Compliance Filing, Second Compliance Attachment 2, Page 1, Line 7, Column (f) of \$157,604, plus EDIT True-Up, Second Compliance Filing, Second Compliance Attachment 2, Page 2, Line 7, Column (f) of \$48,263] ÷ 12 x 4	
(3)	RIPUC Docket No. 5005 Schedule REP-5, Page 6, Column (f) + Page 7, Column (f) + Page 8, Column (f)	
(4)	RIPUC Docket No. 5005 Schedule REP-15, Page 1, Line (7)	
(5)	Page 3, Section 1, Line (7), Column (c)	
(6)	RIPUC Docket No. 5005 Schedule REP-18 Second Revised, Page 3, Column (f)	
(7)	Page 3, Section 2, Line (3), Column (c)	
(8)	Sum of Lines (1) through (7)	
(9)	Page 4, Column (d)	
(10)	Line (9) - Line (8)	
(11)	Page 5, Line (6)	
(12)	If Line (10) > 0 then Min of Line (10) or Line (11), Else 0	
(13)	Page 5, Line (4)	
(14)	Page 5, Line (2)	
(15)	Line (12) + Line (13) + Line (14)	

The Narragansett Electric Company  
Calculation of Recoverable Arrearage Foregone Amount  
Calendar Year 2019

<u>Section 1: Energy Efficiency</u>	<u>CY 2019</u>
	(a)
(1) Energy Efficiency Billings	\$82,195,919
(2) kWh Deliveries	7,257,191,660
(3) Renewable Energy Charge	\$0.00030
(4) Renewable Billings	\$2,177,157
(5) Net Energy Efficiency Billings	\$80,018,762
(6) Uncollectible Percentage	1.30%
(7) Energy Efficiency Allowable Bad Debt	\$1,040,244
(1) Per Company Revenue Reports for calendar year 2019	
(2) Per Company Revenue Reports for calendar year 2019	
(3) R.I.G.L. §39-2-1.2	
(4) Line (2) x Line (3)	
(5) Line (1) - Line (4)	
(6) Uncollectible percentage approved in RIPUC Docket No. 4770	
(7) Line (5) x Line (6)	

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<u>Section 2: Renewable Energy Growth Program</u>	<u>CY 2019</u>
	(a)
(1) Renewable Energy Growth Program Billings	\$15,686,241
(2) Uncollectible Percentage	1.30%
(3) Renewable Energy Growth Program Allowable Bad Debt	\$203,921
(1) Per Company Revenue Reports for calendar year 2019	
(2) Uncollectible percentage approved in RIPUC Docket No. 4770	
(3) Line (1) x Line (2)	

The Narragansett Electric Company  
Calculation of Recoverable Arrearage Foregiveness Amount  
Calendar Year 2019 Net Charge - Offs

	<u>Beginning Balance FERC 144</u> (a)	<u>Adjustments to Reserve FERC 904</u> (b)	<u>Ending Balance FERC 144</u> (c)	<u>Net Charge Offs</u> (d)
(1)	\$13,653,083	\$14,957,599	\$13,914,081	\$14,696,601

- (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)



The Narragansett Electric Company  
Calculation of Recoverable Arrearage Foregiveness Amount  
Arrearage Forgiveness Amounts  
Calendar Year 2019

Unsuccessful Accounts (Default)

(1)	Number of accounts not successful as of 12/31/2019	1,831
(2)	Amount forgiven prior to defaulting	\$557,317

Unsuccessful Accounts (Cancelled)

(3)	Number of accounts not successful as of 12/31/2019	331
(4)	Amount forgiven prior to defaulting	\$99,861

Successful Accounts

(5)	Number of accounts successfully completing the second year of the program	659
(6)	Amount forgiven during 2019	\$445,084

Enrolled Accounts

(7)	Number of accounts enrolled as of 12/31/2019	1,822
(8)	Amount forgiven during 2019	\$774,159

Total Enrolled Accounts

(9)	Number of accounts enrolled as of 12/31/2019	4,643
(10)	Amount forgiven during 2019	\$1,876,422

- (1) Per Company Records
- (2) Per Company Records
- (3) Per Company Records
- (4) Per Company Records
- (5) Per Company Records
- (6) Per Company Records
- (7) Per Company Records
- (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  
Arrearage Management Adjustment Factor Calculation  
Reconciliation of Recovery of CY 2018 AMP Forgiveness

- (1) Reconciliation Period: CY 2018  
(2) Recovery Period: July 1, 2019 through June 30, 2020  
(3) Beginning Balance: RIPUC Docket No 4950, Schedule REP-1, Page 2, Line (15)

	<u>Mo-Yr</u>	<u>Beginning Balance</u> (a)	<u>Recovery</u> (b)	<u>Ending Balance</u> (c)
(4)	Jul-19	\$707,859	\$19,139	\$688,720
(5)	Aug-19	\$688,720	\$78,951	\$609,769
(6)	Sep-19	\$609,769	\$65,890	\$543,879
(7)	Oct-19	\$543,879	\$52,864	\$491,015
(8)	Nov-19	\$491,015	\$51,430	\$439,585
(9)	Dec-19	\$439,585	\$57,815	\$381,770
(10)	Jan-20	\$381,770	\$63,944	\$317,825
(11)	Feb-20	\$317,825	\$56,054	\$261,771
(12)	Mar-20	\$261,771	\$54,026	\$207,745
(13)	Apr-20	\$207,745	\$53,716	\$154,030
(14)	May-20	\$154,030	\$0	\$154,030
(15)	Jun-20	\$154,030	\$0	\$154,030
(16)	Jul-20	\$154,030	\$0	\$154,030

- (4) recovery prorated for usage on and after July 1  
(16) recovery prorated for usage before July 1

- (a) Previous Month, Column (c): RIPUC Docket No 4950, Schedule REP-1, Page 2, Line (15)  
(b) per Company records  
(c) Column (a) - Column (b)

The Narragansett Electric Company  
Arrearage Management Adjustment Factor Calculation  
Reconciliation of Recovery of CY 2017 AMP Forgiveness

- (1) Reconciliation Period: CY 2017  
(2) Recovery Period: July 1, 2018 through June 30, 2019  
(3) Beginning Balance: RIPUC Docket No 4651, Schedule REP-1, Page 1, Line (14)

	<u>Mo-Yr</u>	<u>Beginning Balance</u> (a)	<u>Recovery</u> (b)	<u>Ending Balance</u> (c)
(4)	Jul-18	\$169,048	\$6,151	\$162,897
(5)	Aug-18	\$162,897	\$15,157	\$147,740
(6)	Sep-18	\$147,740	\$15,350	\$132,391
(7)	Oct-18	\$132,391	\$11,494	\$120,897
(8)	Nov-18	\$120,897	\$10,596	\$110,301
(9)	Dec-18	\$110,301	\$11,996	\$98,305
(10)	Jan-19	\$98,305	\$12,633	\$85,672
(11)	Feb-19	\$85,672	\$11,942	\$73,730
(12)	Mar-19	\$73,730	\$11,718	\$62,012
(13)	Apr-19	\$62,012	\$10,757	\$51,255
(14)	May-19	\$51,255	\$10,475	\$40,780
(15)	Jun-19	\$40,780	\$10,712	\$30,068
(16)	Jul-19	\$30,068	\$19,066	\$11,002

- (4) recovery prorated for usage on and after July  
(16) recovery prorated for usage before July

- (a) Previous Month, Column (c): RIPUC Docket No 4651, Schedule REP-1, Page 1, Line (14)  
(b) per Company records  
(c) Column (a) - Column (b)

Narragansett Electric  
Calculation of Estimated Electric Low Income Discount and Low Income Discount Recovery Factor (LIDRF)  
For the Period of July 1, 2020 through June 30, 2021

	Rate A-60 <u>Units</u> (a)	Rate A-60 <u>Rates</u> (b)	<u>Charges</u> (c)
(1) Customer Charge (July 20 - August 20)	66,868	\$4.00	\$267,472
(2) Customer Charge (September 20 - June 21)	334,676	\$6.00	\$2,008,056
(3) RE Growth Factor	401,544	\$1.90	\$762,934
(4) LIHEAP Enhancement Surcharge	401,544	\$0.80	\$321,235
(5) Distribution kWh Charge (July 20 - August 20)	43,349,531	\$0.04496	\$1,948,995
(6) Distribution kWh Charge (September 20 - June 21)	161,893,599	\$0.04580	\$7,414,727
(7) ISR CapEx Factor	205,243,130	\$0.00396	\$812,763
(8) ISR CapEx Reconciliation Factor	205,243,130	\$0.00071	\$145,723
(9) ISR O&M Factor	205,243,130	\$0.00212	\$435,115
(10) ISR O&M Reconciliation Factor	205,243,130	(\$0.00008)	(\$16,419)
(11) Pension/PBOP Factor	205,243,130	(\$0.00005)	(\$10,262)
(12) Revenue Decoupling Mechanism Adjustment Factor	205,243,130	(\$0.00061)	(\$125,198)
(13) Storm Fund Replenishment Factor	205,243,130	\$0.00288	\$591,100
(14) Arrearage Management Adjustment Factor	205,243,130	\$0.00015	\$30,786
(15) Low Income Discount Recovery Factor	205,243,130	\$0.00000	<u>\$0</u>
(16) Subtotal Distribution Energy Charge			\$11,227,329
(17) Transmission Charge	205,243,130	\$0.02945	\$6,044,410
(18) Transition Charge	205,243,130	(\$0.00082)	(\$168,299)
(19) Energy Efficiency Program Charge	205,243,130	\$0.01353	\$2,776,940
(20) Renewable Energy Distribution Charge	205,243,130	\$0.00945	<u>\$1,939,548</u>
(21) Total Delivery Service Charges			\$25,179,624
(22) Winter Commodity Charge	99,533,628	\$0.10957	\$10,905,900
(23) Summer Commodity Charge	<u>105,709,502</u>	\$0.08299	<u>\$8,772,832</u>
(24) Total Commodity Charges	205,243,130		\$19,678,731
(25) Total			\$44,858,355
(26) Low Income Discount		25.5%	\$11,445,700
(27) Ending (Over)/Under recovery Balance for the Prior Period Ending June 30, 2019			\$565,720
(28) Low Income Discount after Adjustments			\$12,011,420
(29) Forecasted kWh Deliveries July 1, 2020 through June 30, 2021			<u>6,790,142,487</u>
(30) Proposed Low Income Discount Recovery Factor for July 1, 2020			\$0.00176
(a) Company forecast			
(b) All lines except (2), (6), & (14) Per RIPUC 2095, Effective April 1, 2020			
(c) Column (a) x Column (b)			
(2) & (6) Docket 4770, August 16, 2018 Compliance Filing, Compliance Attachment 9, Schedule 4-I, Lines (6) & (11)			
(14) per Schedule ASC-1, Page 1, Line (5)			
(15) A-60 customers are exempt from Low Income Discount Recovery Factor			
(16) Sum of Lines (5) through (15)			
(21) Sum of Lines (1) through (4) + Line (16) + Sum of Lines (17) through (20)			
(22) RIPUC Tariff 2096, Effective October 1, 2019			
(23) RIPUC Tariff 2096, Effective April 1, 2020			
(24) Line (22) + Line (23)			
(25) Line (21) + Line (24)			
(26)(b) Page 2, Section 3, Line (25), Column (d)			
(26)(c) Line (25) x Line (26)(b)			
(27) per Schedule ASC-4, Page 1, Line (12)			
(28) Line (26) + Line (27)			
(29) July 1, 2020 through June 30, 2021 Forecast excluding Rate A-60 kWh			
(30) Line (26) ÷ Line (29) truncated to 5 decimal places			

Low Income Discount  
Effective Discount Percentage Calculation  
For the Period May 1, 2019 through April 30, 2020

		<u>Number of Customers</u>	<u>Low Income Discount</u>	<u>Imputed Pre-Discount Billings</u>	<u>Discount Percentage</u>
		(a)	(b)	(c)	(d)
<u>Section 1: 25% Discount</u>					
(1)	May-19	28,946	(\$723,815)	\$2,895,260	25%
(2)	Jun-19	28,946	(\$709,416)	\$2,837,663	25%
(3)	Jul-19	28,946	(\$911,086)	\$3,644,346	25%
(4)	Aug-19	31,066	(\$1,122,738)	\$4,490,952	25%
(5)	Sep-19	29,906	(\$839,748)	\$3,358,990	25%
(6)	Oct-19	29,818	(\$659,368)	\$2,637,473	25%
(7)	Nov-19	29,024	(\$679,087)	\$2,716,349	25%
(8)	Dec-19	27,406	(\$843,690)	\$3,374,762	25%
(9)	Jan-20	27,505	(\$934,263)	\$3,737,054	25%
(10)	Feb-20	27,869	(\$780,168)	\$3,120,671	25%
(11)	Mar-20	28,415	(\$799,657)	\$3,198,626	25%
(12)	Apr-20	28,931	(\$783,217)	\$3,132,869	25%
<u>Section 2: 30% Discount</u>					
(13)	May-19	2,837	(\$79,964)	\$266,546	30%
(14)	Jun-19	3,079	(\$87,408)	\$291,360	30%
(15)	Jul-19	2,730	(\$121,301)	\$404,338	30%
(16)	Aug-19	3,373	(\$158,005)	\$526,684	30%
(17)	Sep-19	3,540	(\$129,694)	\$432,313	30%
(18)	Oct-19	3,792	(\$108,228)	\$360,760	30%
(19)	Nov-19	3,773	(\$112,643)	\$375,478	30%
(20)	Dec-19	3,671	(\$142,363)	\$474,544	30%
(21)	Jan-20	4,006	(\$177,864)	\$592,880	30%
(22)	Feb-20	4,032	(\$146,476)	\$488,253	30%
(23)	Mar-20	4,111	(\$148,185)	\$493,950	30%
(24)	Apr-20	4,329	(\$150,676)	\$502,254	30%
<u>Section 3: Total Discount</u>					
(25)	May-19	31,783	(\$803,779)	\$3,161,806	25.4%
(26)	Jun-19	32,025	(\$796,824)	\$3,129,023	25.5%
(27)	Jul-19	31,676	(\$1,032,388)	\$4,048,684	25.5%
(28)	Aug-19	34,439	(\$1,280,743)	\$5,017,636	25.5%
(29)	Sep-19	33,446	(\$969,441)	\$3,791,303	25.6%
(30)	Oct-19	33,610	(\$767,596)	\$2,998,233	25.6%
(31)	Nov-19	32,797	(\$791,731)	\$3,091,827	25.6%
(32)	Dec-19	31,077	(\$986,054)	\$3,849,306	25.6%
(33)	Jan-20	31,511	(\$1,112,127)	\$4,329,933	25.7%
(34)	Feb-20	31,901	(\$926,644)	\$3,608,924	25.7%
(35)	Mar-20	32,526	(\$947,842)	\$3,692,577	25.7%
(36)	Apr-20	33,260	(\$933,894)	\$3,635,124	25.7%
(37)	Total	32,830	(\$5,650,771)	\$22,146,684	25.5%

- (a) Per Company Records
- (b) Per Company Records
- (c) Section 1: Column (b) ÷ -25%; Section 2: Column (b) ÷ -30%
- (d) - Column (b) ÷ Column (c)

Low Income Discount  
Reconciliation of Low Income Discount and Recovery  
For the Period September 1, 2018 through June 30, 2019

	<u>Beginning</u> <u>Balance</u>	<u>Revenue</u>	<u>Low Income</u> <u>Discount</u>	<u>Monthly Over /</u> <u>(Under)</u>	<u>Ending Over /</u> <u>(Under) Balance</u>	<u>Interest Rate</u>	<u>Interest</u>	<u>Ending Over /</u> <u>(Under) with Interest</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
(1) Sep-18	\$0	\$421,615	(\$415,330)	\$6,285	\$6,285	2.33%	\$6	\$6,291
(2) Oct-18	\$6,291	\$843,688	(\$763,540)	\$80,149	\$86,440	2.33%	\$90	\$86,530
(3) Nov-18	\$86,530	\$787,860	(\$798,806)	(\$10,946)	\$75,583	2.33%	\$157	\$75,741
(4) Dec-18	\$75,741	\$889,466	(\$959,354)	(\$69,888)	\$5,853	2.33%	\$79	\$5,932
(5) Jan-19	\$5,932	\$935,751	(\$1,055,848)	(\$120,098)	(\$114,166)	2.33%	(\$105)	(\$114,271)
(6) Feb-19	(\$114,271)	\$882,548	(\$1,071,414)	(\$188,866)	(\$303,137)	2.33%	(\$405)	(\$303,543)
(7) Mar-19	(\$303,543)	\$872,595	(\$1,029,498)	(\$156,904)	(\$460,446)	2.91%	(\$926)	(\$461,373)
(8) Apr-19	(\$461,373)	\$796,911	(\$855,209)	(\$58,298)	(\$519,670)	2.91%	(\$1,190)	(\$520,860)
(9) May-19	(\$520,860)	\$781,096	(\$803,779)	(\$22,683)	(\$543,543)	2.91%	(\$1,291)	(\$544,833)
(10) Jun-19	(\$544,833)	\$798,669	(\$796,824)	\$1,845	(\$542,989)	2.91%	(\$1,319)	(\$544,307)
(11) Jul-19	(\$544,307)	\$495,141	(\$515,209)	(\$20,068)	(\$564,376)	2.91%	(\$1,344)	(\$565,720)
(12) Total								(\$565,720)

(a) Beginning balance \$0, all other months from prior month Column (h)  
per Company reports

(c) Lines (1) through (8), per Docket No. 4950, Schedule REP-3, Page 2, Lines (17 through (24); Lines (9) through (11), per Schedule ASC-3, Page 2, Section 3, Column (b)

(d) Column (b) + Column (c)

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

(f) Customer Deposit Rate

(g)  $[(\text{Column (a) + Column (d)}) \div 2 \times \text{Column (f)}] \div 12$

(h) Column (e) + Column (g)

(11) Pro-rated for consumption prior to July 1

Low Income Discount  
Reconciliation of Low Income Discount and Recovery  
For the Period July 1, 2019 through June 30, 2020

	<u>Beginning Balance</u>	<u>Revenue</u>	<u>Low Income Discount</u>	<u>Monthly Over / (Under)</u>	<u>Ending Over / (Under) Balance</u>	<u>Interest Rate</u>	<u>Interest</u>	<u>Ending Over / (Under) with Interest</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
(1) Jul-19	\$0	\$497,034	(\$517,179)	(\$20,145)	(\$20,145)	2.91%	(\$24)	(\$20,170)
(2) Aug-19	(\$20,170)	\$1,174,834	(\$1,280,743)	(\$105,909)	(\$126,079)	2.91%	(\$177)	(\$126,256)
(3) Sep-19	(\$126,256)	\$973,705	(\$969,441)	\$4,264	(\$121,992)	2.91%	(\$301)	(\$122,293)
(4) Oct-19	(\$122,293)	\$780,192	(\$767,596)	\$12,595	(\$109,698)	2.91%	(\$281)	(\$109,979)
(5) Nov-19	(\$109,979)	\$763,006	(\$791,731)	(\$28,724)	(\$138,703)	2.91%	(\$302)	(\$139,005)
(6) Dec-19	(\$139,005)	\$851,452	(\$986,054)	(\$134,601)	(\$273,606)	2.91%	(\$500)	(\$274,106)
(7) Jan-20	(\$274,106)	\$925,615	(\$1,112,127)	(\$186,512)	(\$460,618)	2.91%	(\$891)	(\$461,509)
(8) Feb-20	(\$461,509)	\$827,751	(\$926,644)	(\$98,893)	(\$560,402)	2.91%	(\$1,239)	(\$561,641)
(9) Mar-20	(\$561,641)	\$796,988	(\$947,842)	(\$150,853)	(\$712,495)	2.14%	(\$1,136)	(\$713,631)
(10) Apr-20	(\$713,631)	\$791,797	(\$933,894)	(\$142,097)	(\$855,728)	2.14%	(\$1,399)	(\$857,127)
(11) May-20	(\$857,127)	\$0	\$0	\$0	(\$857,127)	2.14%	\$0	(\$857,127)
(12) Jun-20	(\$857,127)	\$0	\$0	\$0	(\$857,127)	2.14%	\$0	(\$857,127)
(13) Jul-20	(\$857,127)	\$0	\$0	\$0	(\$857,127)	2.14%	\$0	(\$857,127)
(14) Total								(\$857,127)

- (a) Beginning balance \$0, all other months from prior month Column (h)
- (b) per Company reports
- (c) ASC-3, Page 2, Section 3, Column (b)
- (d) Column (b) + Column (c)
- (e) Column (a) + Column (d)
- (f) Customer Deposit Rate
- (g)  $([\text{Column (a)} + \text{Column (d)}] \div 2 \times \text{Column (f)}) \div 12$
- (h) Column (e) + Column (g)

- (1) Pro-rated for consumption after July 1
- (13) Pro-rated for consumption prior to July 1

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 (j) = (f) - (b)	Supply Services (k) = (g) - (c)	GET (l) = (h) - (d)	Delivery Services (m) = (j) + (k) + (l)	Supply Services (n) = (g) / (c)	GET (o) = (h) / (d)		Total (p) = (m) / (e)
150	\$24.77	\$12.45	\$38.77	\$24.81	\$12.45	\$1.55	\$0.04	\$0.00	\$0.00	\$0.04	0.1%	0.0%	0.1%	30.1%
300	\$40.84	\$24.90	\$68.48	\$40.92	\$24.90	\$2.74	\$0.08	\$0.00	\$0.00	\$0.08	0.1%	0.0%	0.1%	12.9%
400	\$51.55	\$33.20	\$88.28	\$51.66	\$33.20	\$3.54	\$0.11	\$0.00	\$0.01	\$0.12	0.1%	0.0%	0.1%	11.6%
500	\$62.26	\$41.50	\$108.08	\$62.41	\$41.50	\$4.33	\$0.15	\$0.00	\$0.01	\$0.16	0.1%	0.0%	0.1%	9.6%
600	\$72.97	\$49.79	\$127.88	\$73.15	\$49.79	\$5.12	\$0.18	\$0.00	\$0.00	\$0.18	0.1%	0.0%	0.1%	7.7%
700	\$83.68	\$58.09	\$147.68	\$83.89	\$58.09	\$5.92	\$0.21	\$0.00	\$0.01	\$0.22	0.1%	0.0%	0.1%	19.0%
1,200	\$137.24	\$99.59	\$246.70	\$137.59	\$99.59	\$9.88	\$0.35	\$0.00	\$0.01	\$0.36	0.1%	0.0%	0.1%	6.8%
2,000	\$222.94	\$165.98	\$405.13	\$223.52	\$165.98	\$16.23	\$0.58	\$0.00	\$0.02	\$0.60	0.1%	0.0%	0.1%	2.3%

Rates Effective April 1, 2020 (s)

Proposed Rates effective July 1, 2020 (t)

Line Item on Bill

(1) Distribution Customer Charge	\$6.00	\$6.00													
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80													
(3) Renewable Energy Growth Program Charge	\$1.90	\$1.90													
(4) Distribution Charge (per kWh)	\$0.0496	\$0.0496													
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212													
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)													
(7) CapEx Factor Charge	\$0.00396	\$0.00396													
(8) CapEx Reconciliation Factor	(\$0.00071)	(\$0.00071)													
(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	\$0.03096	\$0.03096													
(17) Transmission Adjustment Factor	(\$0.00189)	(\$0.00189)													
(18) Transmission Uncollectible Factor	\$0.00038	\$0.00038													
(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	Delivery Services (j) = (f) - (b)	Supply Services (k) = (g) - (c)	GET (l) = (h) - (d)	Delivery Services (m) = (j) + (k) + (l)	Supply Services (n) = (g) / (c)	GET (o) = (h) / (d)	Total (p) = (m) / (e)
(26) Customer Charge				\$6.00			\$6.00
(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				\$0.05581			\$0.05581
(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

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 (12) per Schedule ASC-1, Page 1, Line (5); Line (13) per Schedule ASC-3, Page 1, Line (30); 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 A-60 Rate Customers

Monthly kWh	Rates Effective April 1, 2020				Proposed Rates effective July 1, 2020				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill		Percentage of Customers (v)	
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = [(b)+(c)] x .25	Total (e) = (b) + (c) + (d)	Delivery Services (h)	Supply Services (i)	Low Income Discount (j) = [(h)+(i)] x .25	Total (m) = (h) + (i) + (j)	Delivery Services (o) = [(b)+(d)] - [(h)+(j)]	Supply Services (p) = (i) - (c)	GET (r) = (m) - (o)	Total (q) = (o) + (p) + (r)	Delivery Services (u) = (o) ÷ [(b)+(d)]	Supply Services (v) = (p) ÷ (i)		GET (w) = (q) ÷ (e)
150	\$22.54	\$12.45	(\$8.75)	\$26.24	\$22.55	\$12.45	(\$8.75)	\$26.25	\$0.01	\$0.00	\$0.00	\$0.01	0.0%	0.0%	0.0%	32.1%
300	\$38.38	\$24.90	(\$15.82)	\$47.46	\$38.40	\$24.90	(\$15.83)	\$47.47	\$0.01	\$0.00	\$0.00	\$0.01	0.0%	0.0%	0.0%	15.4%
400	\$48.94	\$33.20	(\$20.54)	\$61.60	\$48.96	\$33.20	(\$20.54)	\$61.62	\$0.02	\$0.00	\$0.00	\$0.02	0.0%	0.0%	0.0%	12.5%
500	\$59.50	\$41.50	(\$25.25)	\$75.75	\$59.53	\$41.50	(\$25.26)	\$75.77	\$0.02	\$0.00	\$0.00	\$0.02	0.0%	0.0%	0.0%	9.6%
600	\$70.06	\$49.79	(\$29.96)	\$89.89	\$70.09	\$49.79	(\$29.97)	\$89.91	\$0.02	\$0.00	\$0.00	\$0.02	0.0%	0.0%	0.0%	7.2%
700	\$80.62	\$58.09	(\$34.68)	\$104.03	\$80.66	\$58.09	(\$34.69)	\$104.06	\$0.03	\$0.00	\$0.00	\$0.03	0.0%	0.0%	0.0%	16.4%
1,200	\$133.42	\$99.39	(\$58.25)	\$174.76	\$133.48	\$99.39	(\$58.27)	\$174.80	\$0.04	\$0.00	\$0.00	\$0.04	0.0%	0.0%	0.0%	5.2%
2,000	\$217.90	\$165.98	(\$95.97)	\$287.91	\$218.00	\$165.98	(\$96.00)	\$287.98	\$0.07	\$0.00	\$0.00	\$0.07	0.0%	0.0%	0.0%	1.6%

Rates Effective April 1, 2020 (w)

(1) Distribution Customer Charge	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90
(4) Distribution Charge (per kWh)	\$0.04486
(5) Operating & Maintenance Expense Reconciliation Factor	\$0.00212
(6) CapEx Factor Charge	\$0.00396
(7) CapEx Reconciliation Factor	\$0.00071
(8) Revenue Decoupling Adjustment Factor	(\$0.00061)
(9) Pension Adjustment Factor	(\$0.00005)
(10) Storm Fund Replenishment Factor	\$0.00288
(11) Arravange Management Adjustment Factor	\$0.00010
(12) Low Income Discount Recovery Factor	\$0.00000
(13) Net Metering Contracting for Renewable Energy Charge	\$0.00679
(14) Base Transmission Charge	\$0.00266
(15) Transmission Adjustment Factor	\$0.03096
(16) Transmission Uncollectible Factor	(\$0.00189)
(17) Base Transition Charge	\$0.00038
(18) Energy Efficiency Program Charge	(\$0.00074)
(19) Standard Offer Service Base Charge	\$0.01353
(20) S05 Adjustment Factor	\$0.07497
(21) S05 Administrative Cos. Adjustment Factor	(\$0.00294)
(22) Renewable Energy Standard Charge	\$0.00230
(23) S05 Administrative Cos. Adjustment Factor	\$0.00866
(24) Standard Offer Service Base Charge	\$4.00
(25) LIHEAP Enhancement Charge	\$0.80
(26) RE Growth Program	\$1.90
(27) Distribution Energy Charge	\$0.02945
(28) Distribution Energy Charge	\$0.05399
(29) Transition Charge	(\$0.00082)
(30) Energy Efficiency Programs	\$0.01353
(31) Renewable Energy Distribution Charge	\$0.00945
(32) Supply Services Energy Charge	\$0.08299
(33) Discount Percentage	25%
(34) Customer Charge	\$4.00
(35) LIHEAP Enhancement Charge	\$0.80
(36) RE Growth Program	\$1.90
(37) Distribution Energy Charge	\$0.02945
(38) Distribution Energy Charge	\$0.05399
(39) Transition Charge	(\$0.00082)
(40) Energy Efficiency Programs	\$0.01353
(41) Renewable Energy Distribution Charge	\$0.00945
(42) Supply Services Energy Charge	\$0.08299
(43) Discount Percentage	25%

Proposed Rates effective July 1, 2020 (x)

(1) Distribution Customer Charge	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90
(4) Distribution Charge (per kWh)	\$0.04486
(5) Operating & Maintenance Expense Reconciliation Factor	\$0.00212
(6) CapEx Factor Charge	\$0.00396
(7) CapEx Reconciliation Factor	\$0.00071
(8) Revenue Decoupling Adjustment Factor	(\$0.00061)
(9) Pension Adjustment Factor	(\$0.00005)
(10) Storm Fund Replenishment Factor	\$0.00288
(11) Arravange Management Adjustment Factor	\$0.00010
(12) Low Income Discount Recovery Factor	\$0.00000
(13) Net Metering Contracting for Renewable Energy Charge	\$0.00679
(14) Base Transmission Charge	\$0.00266
(15) Transmission Adjustment Factor	\$0.03096
(16) Transmission Uncollectible Factor	(\$0.00189)
(17) Base Transition Charge	\$0.00038
(18) Energy Efficiency Program Charge	(\$0.00074)
(19) Standard Offer Service Base Charge	\$0.01353
(20) S05 Adjustment Factor	\$0.07497
(21) S05 Administrative Cos. Adjustment Factor	(\$0.00294)
(22) Renewable Energy Standard Charge	\$0.00230
(23) S05 Administrative Cos. Adjustment Factor	\$0.00866
(24) Standard Offer Service Base Charge	\$4.00
(25) LIHEAP Enhancement Charge	\$0.80
(26) RE Growth Program	\$1.90
(27) Distribution Energy Charge	\$0.02945
(28) Distribution Energy Charge	\$0.05399
(29) Transition Charge	(\$0.00082)
(30) Energy Efficiency Programs	\$0.01353
(31) Renewable Energy Distribution Charge	\$0.00945
(32) Supply Services Energy Charge	\$0.08299
(33) Discount Percentage	25%

Line Item on Bill  
Customer Charge  
LIHEAP Enhancement Charge  
RE Growth Program  
Distribution Energy Charge  
Renewable Energy Distribution Charge  
Transmission Charge  
Transition Charge  
Energy Efficiency Programs  
Supply Services Energy Charge

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 (12) per Schedule ASC-1, Page 1, Line (5); 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 A-60 Rate Customers

Monthly kWh	Rates Effective April 1, 2020				Proposed Rates effective July 1, 2020				Increase (Decrease) % of Total Bill				Percentage of Customers (v)			
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = [(b)+(c)] x .30	Total (e) = (b) + (c) + (d)	Delivery Services (h)	Supply Services (i)	Low Income Discount (j) = [(h)+(i)] x .30	Total (m) = (h) + (i) + (j)	Delivery Services (o) = [(b)+(d)] - [(h)+(j)]	Supply Services (p) = (i) - (c)	GET (r) = (e) - (m)	GET (s) = (o) ± (c) - (p) = (r) - (f)		Total (q) = (o) ± (p)		
150	\$22.54	\$12.45	(\$10.50)	\$24.49	\$22.55	\$12.45	(\$10.50)	\$24.50	\$0.01	\$0.00	\$1.02	\$0.00	\$0.00	0.0%	0.0%	0.0%
300	\$38.38	\$24.90	(\$18.98)	\$44.30	\$38.40	\$24.90	(\$18.99)	\$44.31	\$0.01	\$0.00	\$1.85	\$0.00	\$0.00	0.0%	0.0%	0.0%
400	\$48.94	\$33.20	(\$24.64)	\$57.50	\$48.96	\$33.20	(\$24.65)	\$57.51	\$0.01	\$0.00	\$2.40	\$0.00	\$0.00	0.0%	0.0%	0.0%
500	\$59.50	\$41.50	(\$30.30)	\$70.70	\$59.53	\$41.50	(\$30.31)	\$70.72	\$0.02	\$0.00	\$2.95	\$0.00	\$0.00	0.0%	0.0%	0.0%
600	\$70.06	\$49.79	(\$35.96)	\$83.89	\$70.09	\$49.79	(\$35.96)	\$83.92	\$0.03	\$0.00	\$3.50	\$0.00	\$0.00	0.0%	0.0%	0.0%
700	\$80.62	\$58.09	(\$41.61)	\$97.10	\$80.66	\$58.09	(\$41.63)	\$97.12	\$0.02	\$0.00	\$4.05	\$0.00	\$0.00	0.0%	0.0%	0.0%
1,200	\$133.42	\$99.39	(\$69.90)	\$163.11	\$133.48	\$99.39	(\$69.92)	\$163.15	\$0.04	\$0.00	\$6.80	\$0.00	\$0.00	0.0%	0.0%	0.0%
2,000	\$217.90	\$165.98	(\$115.16)	\$268.72	\$218.00	\$165.98	(\$115.19)	\$268.79	\$0.07	\$0.00	\$11.20	\$0.00	\$0.00	0.0%	0.0%	0.0%

Rates Effective April 1, 2020 (w)		Proposed Rates effective July 1, 2020 (x)	
(1) Distribution Customer Charge	\$4.00	(2) Customer Charge	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80	(3) LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90	(4) RE Growth Program	\$1.90
(4) Distribution Charge (per kWh)	\$0.04486	(5) Distribution Energy Charge	\$0.04486
(5) Operating & Maintenance Expense Reconciliation Factor	\$0.00212	(6) Renewable Energy Distribution Charge	\$0.00212
(6) CapEx Factor Charge	\$0.00396	(7) Transmission Charge	\$0.00396
(7) Revenue Decoupling Adjustment Factor	\$0.00071	(8) Transition Charge	\$0.00071
(8) Pension Adjustment Factor	(\$0.00061)	(9) Base Transmission Charge	(\$0.00061)
(9) Storm Fund Replenishment Factor	\$0.00288	(10) Transmission Uncollectible Factor	\$0.00288
(10) Arraveague Management Adjustment Factor	\$0.00010	(11) Energy Efficiency Program Charge	\$0.00010
(11) Low Income Discount Recovery Factor	\$0.00000	(12) Standard Offer Service Base Charge	\$0.00000
(12) Net Metering Charge	\$0.00266	(13) SOS Adjustment Factor	\$0.00266
(13) Base Transmission Charge	\$0.00189	(14) SOS Administrative Cos. Adjustment Factor	\$0.00189
(14) Base Transmission Charge	\$0.00038	(15) Renewable Energy Standard Charge	\$0.00038
(15) Transmission Uncollectible Factor	(\$0.00074)	(16) Energy Efficiency Programs	(\$0.00074)
(16) Base Transition Charge	\$0.01353	(17) Standard Offer Service Base Charge	\$0.01353
(17) Energy Efficiency Program Charge	\$0.07497	(18) SOS Adjustment Factor	\$0.07497
(18) Standard Offer Service Base Charge	(\$0.00294)	(19) SOS Administrative Cos. Adjustment Factor	(\$0.00294)
(19) SOS Adjustment Factor	\$0.00230	(20) Renewable Energy Standard Charge	\$0.00230
(20) Administrative Cos. Adjustment Factor	\$0.00866	(21) Customer Charge	\$4.00
(21) Renewable Energy Standard Charge	\$4.00	(22) LIHEAP Enhancement Charge	\$0.80
(22) Customer Charge	\$0.80	(23) RE Growth Program	\$1.90
(23) LIHEAP Enhancement Charge	\$1.90	(24) Distribution Energy Charge	\$0.02945
(24) Distribution Energy Charge	\$0.02945	(25) Transition Charge	\$0.05399
(25) Transition Charge	\$0.05399	(26) Energy Efficiency Programs	(\$0.00082)
(26) Energy Efficiency Programs	(\$0.00082)	(27) Renewable Energy Distribution Charge	\$0.01353
(27) Renewable Energy Distribution Charge	\$0.01353	(28) Supply Services Energy Charge	\$0.00945
(28) Supply Services Energy Charge	\$0.00945	(29) Discount Percentage	30%
(29) Discount Percentage	30%		

Line Item on Bill

Customer Charge

LIHEAP Enhancement Charge

RE Growth Program

Distribution Energy Charge

Renewable Energy Distribution Charge

Transmission Charge

Transition Charge

Energy Efficiency Programs

Supply Services Energy Charge

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 (1) per Schedule ASC-1, Page 1, Line (5); 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 (a)	Rates Effective April 1, 2020			Proposed Rates effective July 1, 2020			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill			Percentage of Customers (n)
	Delivery Services (b)	Supply Services (c)	Total (e)	Delivery Services (b)	Supply Services (c)	Total (e)	Delivery Services (f)	Supply Services (g)	Total (i)	Delivery Services (j)	Supply Services (k)	Total (m)	
250	\$39.48	\$19.41	\$61.34	\$39.55	\$19.41	\$61.42	\$0.07	\$0.00	\$0.08	0.1%	0.0%	0.1%	56.3%
500	\$65.21	\$38.82	\$108.36	\$65.35	\$38.82	\$108.51	\$0.14	\$0.00	\$0.15	0.1%	0.0%	0.1%	16.9%
1,000	\$116.66	\$77.64	\$202.40	\$116.95	\$77.64	\$202.70	\$0.29	\$0.00	\$0.30	0.1%	0.0%	0.1%	8.1%
1,500	\$168.12	\$116.46	\$296.44	\$168.55	\$116.46	\$299.89	\$0.43	\$0.00	\$0.45	0.1%	0.0%	0.2%	5.0%
2,000	\$219.57	\$155.28	\$390.47	\$220.15	\$155.28	\$391.07	\$0.58	\$0.00	\$0.60	0.1%	0.0%	0.2%	13.6%

Rates Effective April 1, 2020 Proposed Rates effective July 1, 2020

Line Item on Bill	April 1, 2020 (o)	July 1, 2020 (p)	Line Item on Bill	April 1, 2020 (q)	July 1, 2020 (r)
(1) Distribution Customer Charge	\$10.00	\$10.00	Customer Charge	\$10.00	\$10.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80	LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$2.95	\$2.95	RE Growth Program	\$2.95	\$2.95
(4) Distribution Charge (per kWh)	\$0.04400	\$0.04400		\$0.04400	\$0.04400
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212		\$0.00212	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)		(\$0.00008)	(\$0.00008)
(7) CapEx Factor Charge	\$0.00339	\$0.00339		\$0.00339	\$0.00339
(8) CapEx Reconciliation Factor	\$0.00074	\$0.00074		\$0.00074	\$0.00074
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)	Distribution Energy Charge	(\$0.00061)	(\$0.00061)
(10) Pension Adjustment Factor	(\$0.00005)	(\$0.00005)		(\$0.00005)	(\$0.00005)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288		\$0.00288	\$0.00288
(12) Arrearage Management Adjustment Factor	\$0.00010	\$0.00010		\$0.00010	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00152	\$0.00152		\$0.00152	\$0.00152
(14) Long-term Contracting for Renewable Energy Charge	\$0.00679	\$0.00679	Renewable Energy Distribution Charge	\$0.00679	\$0.00679
(15) Net Metering Charge	\$0.00266	\$0.00266		\$0.00266	\$0.00266
(16) Base Transmission Charge	\$0.03110	\$0.03110		\$0.03110	\$0.03110
(17) Transmission Adjustment Factor	(\$0.00467)	(\$0.00467)	Transmission Charge	(\$0.00467)	(\$0.00467)
(18) Transmission Uncollectible Factor	\$0.00031	\$0.00031		\$0.00031	\$0.00031
(19) Base Transition Charge	(\$0.00074)	(\$0.00074)	Transition Charge	(\$0.00074)	(\$0.00074)
(20) Transition Adjustment	(\$0.00008)	(\$0.00008)	Energy Efficiency Programs	(\$0.00008)	(\$0.00008)
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353		\$0.01353	\$0.01353
(22) Standard Offer Service Base Charge	\$0.06580	\$0.06580		\$0.06580	\$0.06580
(23) SOS Adjustment Factor	\$0.00094	\$0.00094	Supply Services Energy Charge	\$0.00094	\$0.00094
(24) SOS Administrative Cost Adjustment Factor	\$0.00224	\$0.00224		\$0.00224	\$0.00224
(25) Renewable Energy Standard Charge	\$0.00866	\$0.00866		\$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 (12) per Schedule ASC-1, Page 1, Line (5); Line (13) per Schedule ASC-3, Page 1, Line (30); 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&Z Rate Customers

kW	Monthly Power Hours Use (a)	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	\$503.51	\$310.56	\$33.92	\$847.99	\$504.67	\$310.56	\$33.97	\$849.20	\$1.16	\$0.00	\$0.05	\$1.21	0.1%	0.0%	0.0%	0.1%
50	200	\$1,113.95	\$776.40	\$78.76	\$1,969.11	\$1,116.85	\$776.40	\$78.89	\$1,972.14	\$2.90	\$0.00	\$0.13	\$3.03	0.1%	0.0%	0.0%	0.2%
100	200	\$2,131.35	\$1,552.80	\$153.51	\$3,837.66	\$2,137.15	\$1,552.80	\$153.75	\$3,843.70	\$5.80	\$0.00	\$0.24	\$6.04	0.2%	0.0%	0.0%	0.2%
150	200	\$3,148.75	\$2,329.20	\$228.25	\$5,706.20	\$3,157.45	\$2,329.20	\$228.61	\$5,715.26	\$8.70	\$0.00	\$0.36	\$9.06	0.2%	0.0%	0.0%	0.2%
20	300	\$586.09	\$465.84	\$43.83	\$1,095.76	\$587.83	\$465.84	\$43.90	\$1,097.57	\$1.74	\$0.00	\$0.07	\$1.81	0.2%	0.0%	0.0%	0.2%
50	300	\$1,320.40	\$1,164.60	\$103.54	\$2,588.54	\$1,324.75	\$1,164.60	\$103.72	\$2,593.07	\$4.35	\$0.00	\$0.18	\$4.53	0.2%	0.0%	0.0%	0.2%
100	300	\$2,544.25	\$2,329.20	\$203.06	\$5,076.51	\$2,552.95	\$2,329.20	\$203.42	\$5,085.57	\$8.70	\$0.00	\$0.36	\$9.06	0.2%	0.0%	0.0%	0.2%
150	300	\$3,768.10	\$3,493.80	\$302.58	\$7,564.48	\$3,781.15	\$3,493.80	\$303.12	\$7,578.07	\$13.05	\$0.00	\$0.54	\$13.59	0.2%	0.0%	0.0%	0.2%
20	400	\$668.67	\$621.12	\$53.74	\$1,343.53	\$670.99	\$621.12	\$53.84	\$1,345.95	\$2.32	\$0.00	\$0.10	\$2.42	0.2%	0.0%	0.0%	0.2%
50	400	\$1,526.85	\$1,452.80	\$128.32	\$3,207.97	\$1,532.65	\$1,452.80	\$128.56	\$3,214.01	\$5.80	\$0.00	\$0.24	\$6.04	0.2%	0.0%	0.0%	0.2%
100	400	\$2,957.15	\$3,105.60	\$252.61	\$6,315.36	\$2,968.75	\$3,105.60	\$253.10	\$6,327.45	\$11.60	\$0.00	\$0.49	\$12.09	0.2%	0.0%	0.0%	0.2%
150	400	\$4,387.45	\$4,658.40	\$376.91	\$9,422.76	\$4,404.85	\$4,658.40	\$377.64	\$9,440.89	\$17.40	\$0.00	\$0.73	\$18.13	0.2%	0.0%	0.0%	0.2%
20	500	\$751.25	\$776.40	\$63.65	\$1,591.30	\$754.15	\$776.40	\$63.77	\$1,594.32	\$2.90	\$0.00	\$0.12	\$3.02	0.2%	0.0%	0.0%	0.2%
50	500	\$1,733.30	\$1,941.00	\$153.10	\$3,827.40	\$1,740.55	\$1,941.00	\$153.40	\$3,834.95	\$7.25	\$0.00	\$0.30	\$7.55	0.2%	0.0%	0.0%	0.2%
100	500	\$3,370.05	\$3,882.00	\$302.17	\$7,554.22	\$3,384.55	\$3,882.00	\$302.77	\$7,569.32	\$14.50	\$0.00	\$0.60	\$15.10	0.2%	0.0%	0.0%	0.2%
150	500	\$5,006.80	\$5,823.00	\$451.24	\$11,281.04	\$5,028.55	\$5,823.00	\$452.15	\$11,303.70	\$21.75	\$0.00	\$0.91	\$22.66	0.2%	0.0%	0.0%	0.2%
20	600	\$833.83	\$931.68	\$73.56	\$1,839.07	\$837.31	\$931.68	\$73.71	\$1,842.70	\$3.48	\$0.00	\$0.15	\$3.63	0.2%	0.0%	0.0%	0.2%
50	600	\$1,939.75	\$2,329.20	\$177.87	\$4,446.82	\$1,948.45	\$2,329.20	\$178.24	\$4,455.89	\$8.70	\$0.00	\$0.37	\$9.07	0.2%	0.0%	0.0%	0.2%
100	600	\$3,782.95	\$4,658.40	\$351.72	\$8,793.07	\$3,800.35	\$4,658.40	\$352.45	\$8,811.20	\$17.40	\$0.00	\$0.73	\$18.13	0.2%	0.0%	0.0%	0.2%
150	600	\$5,626.15	\$6,987.60	\$525.57	\$13,139.32	\$5,652.25	\$6,987.60	\$526.66	\$13,166.51	\$26.10	\$0.00	\$1.09	\$27.19	0.2%	0.0%	0.0%	0.2%

Proposed Rates effective July 1, 2020

Rates Effective April 1, 2020

Line Item on Bill

Line Item	Proposed Rates effective July 1, 2020	Rates Effective April 1, 2020	Line Item on Bill
(1) Distribution Customer Charge	\$145.00	\$145.00	Customer Charge
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Program Charge	\$27.95	\$27.95	RE Growth Program
(4) Base Distribution Demand Charge (per kW > 10kW)	\$6.75	\$6.75	Distribution Demand Charge
(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) Revenue & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)	
(9) CapEx Reconciliation Factor	\$0.00058	\$0.00058	
(10) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)	
(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	\$0.00079	\$0.00079	Renewable Energy Distribution Charge
(16) Net Metering Charge	\$0.00079	\$0.00079	
(17) Transmission Demand Charge	\$4.37	\$4.37	Transmission Demand Charge
(18) Base Transmission Charge Factor	\$0.01214	\$0.01214	
(19) Transmission Adjustment Factor	(\$0.00369)	(\$0.00369)	Transmission Adjustment
(20) Transmission Unrecoverable Factor	\$0.00030	\$0.00030	
(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	\$0.06580	\$0.06580	
(25) SOG Adjustment Factor	\$0.00094	\$0.00094	
(26) SOG Administrative Cost Adjustment Factor	\$0.00224	\$0.00224	Supply Services Energy Charge
(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	
(36) Supply Services Energy Charge	\$0.07764	\$0.07764	

Column (0): 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 (12) per Schedule ASC-1, Page 1, Line (5); Line (13) per Schedule ASC-3, Page 1, Line (30); 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-12 Rate Customers

Line	Month Power Hours Use	kW	Rates Effective April 1, 2020				Proposed Rates effective July 1, 2020				\$ Increase (Decrease)				Total (m)
			Delivery Services	Supply Services	GET	Total (e)	Delivery Services	Supply Services	GET	Total (e)	Delivery Services	Supply Services	GET	Total (g)	
200	200	40.000	\$3,967.31	\$3,293.60	\$302.54	\$7,563.45	\$5,978.91	\$303.02	\$1,160	\$0.00	\$0.48	\$1,741.98	0.2%	0.0%	0.2%
750	200	150.000	\$14,588.91	\$12,351.00	\$1,122.50	\$28,062.41	\$19,474.91	\$1,243.31	\$3,740.53	\$0.00	\$1.42	\$4,961.96	0.2%	0.0%	0.2%
1,000	200	200.000	\$19,416.91	\$16,468.00	\$1,495.20	\$37,380.11	\$24,929.91	\$1,497.62	\$5,000.00	\$0.00	\$1.81	\$6,811.81	0.2%	0.0%	0.2%
1,500	200	300.000	\$28,072.91	\$24,702.00	\$2,240.62	\$55,015.53	\$38,429.91	\$2,242.25	\$7,000.00	\$0.00	\$2.63	\$9,632.63	0.2%	0.0%	0.2%
2,000	200	400.000	\$36,728.91	\$31,770.00	\$3,731.45	\$72,230.31	\$50,949.91	\$3,733.50	\$10,000.00	\$0.00	\$3.65	\$13,693.65	0.2%	0.0%	0.2%
2,500	200	500.000	\$45,384.91	\$38,440.00	\$5,462.45	\$89,287.31	\$63,469.91	\$5,465.00	\$13,000.00	\$0.00	\$4.50	\$17,964.50	0.2%	0.0%	0.2%
3,000	200	600.000	\$54,040.91	\$45,480.00	\$7,560.91	\$106,681.71	\$77,429.91	\$7,563.55	\$16,000.00	\$0.00	\$5.37	\$21,793.37	0.2%	0.0%	0.2%
3,500	200	700.000	\$62,696.91	\$52,620.00	\$10,076.91	\$125,393.71	\$90,949.91	\$10,080.00	\$20,000.00	\$0.00	\$6.25	\$27,200.25	0.2%	0.0%	0.2%
4,000	200	800.000	\$71,352.91	\$60,840.00	\$13,762.91	\$146,955.71	\$108,429.91	\$13,765.00	\$25,000.00	\$0.00	\$7.63	\$33,785.63	0.2%	0.0%	0.2%
4,500	200	900.000	\$80,008.91	\$69,000.00	\$18,008.91	\$177,016.71	\$128,489.91	\$18,010.00	\$30,000.00	\$0.00	\$9.00	\$41,489.00	0.2%	0.0%	0.2%
5,000	200	1,000.000	\$88,664.91	\$77,160.00	\$23,164.91	\$208,989.71	\$151,049.91	\$23,165.00	\$35,000.00	\$0.00	\$10.65	\$49,705.65	0.2%	0.0%	0.2%
5,500	200	1,100.000	\$97,320.91	\$84,810.00	\$30,710.91	\$242,841.71	\$166,509.91	\$30,711.00	\$40,000.00	\$0.00	\$12.51	\$59,019.51	0.2%	0.0%	0.2%
6,000	200	1,200.000	\$105,976.91	\$92,460.00	\$40,260.91	\$288,703.71	\$183,069.91	\$40,261.00	\$50,000.00	\$0.00	\$14.37	\$69,339.37	0.2%	0.0%	0.2%
6,500	200	1,300.000	\$114,632.91	\$100,110.00	\$51,810.91	\$346,553.71	\$201,619.91	\$51,811.00	\$60,000.00	\$0.00	\$16.23	\$80,659.23	0.2%	0.0%	0.2%
7,000	200	1,400.000	\$123,288.91	\$107,760.00	\$65,360.91	\$416,409.71	\$222,179.91	\$65,361.00	\$70,000.00	\$0.00	\$18.10	\$93,279.10	0.2%	0.0%	0.2%
7,500	200	1,500.000	\$131,944.91	\$115,410.00	\$80,910.91	\$503,265.71	\$245,739.91	\$80,911.00	\$80,000.00	\$0.00	\$20.00	\$105,739.00	0.2%	0.0%	0.2%
8,000	200	1,600.000	\$140,600.91	\$123,060.00	\$98,460.91	\$602,121.71	\$271,299.91	\$98,461.00	\$90,000.00	\$0.00	\$21.87	\$119,169.87	0.2%	0.0%	0.2%
8,500	200	1,700.000	\$149,256.91	\$130,710.00	\$119,010.91	\$711,977.71	\$300,859.91	\$119,011.00	\$100,000.00	\$0.00	\$23.73	\$133,589.73	0.2%	0.0%	0.2%
9,000	200	1,800.000	\$157,912.91	\$138,360.00	\$142,560.91	\$832,833.71	\$333,419.91	\$142,561.00	\$110,000.00	\$0.00	\$25.59	\$149,009.59	0.2%	0.0%	0.2%
9,500	200	1,900.000	\$166,568.91	\$146,010.00	\$169,110.91	\$965,693.71	\$370,979.91	\$169,111.00	\$120,000.00	\$0.00	\$27.45	\$165,429.45	0.2%	0.0%	0.2%
10,000	200	2,000.000	\$175,224.91	\$153,660.00	\$200,660.91	\$1,129,505.71	\$413,539.91	\$200,661.00	\$130,000.00	\$0.00	\$29.31	\$183,849.31	0.2%	0.0%	0.2%
10,500	200	2,100.000	\$183,880.91	\$161,310.00	\$237,210.91	\$1,312,361.71	\$461,109.91	\$237,211.00	\$140,000.00	\$0.00	\$31.17	\$203,269.17	0.2%	0.0%	0.2%
11,000	200	2,200.000	\$192,536.91	\$168,960.00	\$284,760.91	\$1,506,257.71	\$513,679.91	\$284,761.00	\$150,000.00	\$0.00	\$33.03	\$224,689.03	0.2%	0.0%	0.2%
11,500	200	2,300.000	\$201,192.91	\$176,610.00	\$347,310.91	\$1,711,161.71	\$571,239.91	\$347,311.00	\$160,000.00	\$0.00	\$34.89	\$247,108.89	0.2%	0.0%	0.2%
12,000	200	2,400.000	\$209,848.91	\$184,260.00	\$426,860.91	\$1,927,021.71	\$634,819.91	\$426,861.00	\$170,000.00	\$0.00	\$36.75	\$270,528.75	0.2%	0.0%	0.2%
12,500	200	2,500.000	\$218,504.91	\$191,910.00	\$524,410.91	\$2,153,836.71	\$704,399.91	\$524,411.00	\$180,000.00	\$0.00	\$38.61	\$295,948.61	0.2%	0.0%	0.2%
13,000	200	2,600.000	\$227,160.91	\$200,560.00	\$632,960.91	\$2,392,687.71	\$783,979.91	\$632,961.00	\$190,000.00	\$0.00	\$40.47	\$323,368.47	0.2%	0.0%	0.2%
13,500	200	2,700.000	\$235,816.91	\$209,210.00	\$752,510.91	\$2,643,597.71	\$874,559.91	\$752,511.00	\$200,000.00	\$0.00	\$42.33	\$352,788.33	0.2%	0.0%	0.2%
14,000	200	2,800.000	\$244,472.91	\$217,860.00	\$883,060.91	\$2,907,657.71	\$976,139.91	\$883,061.00	\$210,000.00	\$0.00	\$44.19	\$384,208.19	0.2%	0.0%	0.2%
14,500	200	2,900.000	\$253,128.91	\$226,510.00	\$1,022,610.91	\$3,184,267.71	\$1,084,719.91	\$1,022,611.00	\$220,000.00	\$0.00	\$46.05	\$417,628.05	0.2%	0.0%	0.2%
15,000	200	3,000.000	\$261,784.91	\$235,160.00	\$1,173,160.91	\$3,473,427.71	\$1,157,299.91	\$1,173,161.00	\$230,000.00	\$0.00	\$47.91	\$453,047.91	0.2%	0.0%	0.2%
15,500	200	3,100.000	\$270,440.91	\$243,810.00	\$1,334,710.91	\$3,775,237.71	\$1,235,879.91	\$1,334,711.00	\$240,000.00	\$0.00	\$49.77	\$490,467.77	0.2%	0.0%	0.2%
16,000	200	3,200.000	\$279,096.91	\$252,460.00	\$1,507,260.91	\$4,088,507.71	\$1,320,459.91	\$1,507,261.00	\$250,000.00	\$0.00	\$51.63	\$529,887.63	0.2%	0.0%	0.2%
16,500	200	3,300.000	\$287,752.91	\$261,110.00	\$1,691,810.91	\$4,409,617.71	\$1,413,039.91	\$1,691,811.00	\$260,000.00	\$0.00	\$53.49	\$571,307.49	0.2%	0.0%	0.2%
17,000	200	3,400.000	\$296,408.91	\$269,760.00	\$1,887,360.91	\$4,746,777.71	\$1,507,619.91	\$1,887,361.00	\$270,000.00	\$0.00	\$55.35	\$615,727.35	0.2%	0.0%	0.2%
17,500	200	3,500.000	\$305,064.91	\$278,410.00	\$2,094,910.91	\$5,099,687.71	\$1,609,199.91	\$2,094,911.00	\$280,000.00	\$0.00	\$57.21	\$662,147.21	0.2%	0.0%	0.2%
18,000	200	3,600.000	\$313,720.91	\$287,060.00	\$2,314,460.91	\$5,468,147.71	\$1,713,779.91	\$2,314,461.00	\$290,000.00	\$0.00	\$59.07	\$710,567.07	0.2%	0.0%	0.2%
18,500	200	3,700.000	\$322,376.91	\$295,710.00	\$2,546,010.91	\$5,851,157.71	\$1,820,359.91	\$2,546,011.00	\$300,000.00	\$0.00	\$60.93	\$760,986.93	0.2%	0.0%	0.2%
19,000	200	3,800.000	\$331,032.91	\$304,360.00	\$2,790,560.91	\$6,248,717.71	\$1,930,939.91	\$2,790,561.00	\$310,000.00	\$0.00	\$62.79	\$813,406.79	0.2%	0.0%	0.2%
19,500	200	3,900.000	\$339,688.91	\$313,010.00	\$3,048,110.91	\$6,662,827.71	\$2,044,519.91	\$3,048,111.00	\$320,000.00	\$0.00	\$64.65	\$867,826.65	0.2%	0.0%	0.2%
20,000	200	4,000.000	\$348,344.91	\$321,660.00	\$3,319,660.91	\$7,103,387.71	\$2,162,099.91	\$3,319,661.00	\$330,000.00	\$0.00	\$66.51	\$924,246.51	0.2%	0.0%	0.2%
20,500	200	4,100.000	\$357,000.91	\$330,310.00	\$3,604,210.91	\$7,561,597.71	\$2,283,679.91	\$3,604,211.00	\$340,000.00	\$0.00	\$68.37	\$982,666.37	0.2%	0.0%	0.2%
21,000	200	4,200.000	\$365,656.91	\$338,960.00	\$3,902,760.91	\$8,037,357.71	\$2,410,259.91	\$3,902,761.00	\$350,000.00	\$0.00	\$70.23	\$1,043,086.23	0.2%	0.0%	0.2%
21,500	200	4,300.000	\$374,312.91	\$347,610.00	\$4,215,310.91	\$8,539,567.71	\$2,542,839.91	\$4,215,311.00	\$360,000.00	\$0.00	\$72.09	\$1,105,506.09	0.2%	0.0%	0.2%
22,000	200	4,400.000	\$382,968.91	\$356,260.00	\$4,543,860.91	\$9,066,777.71	\$2,681,419.91	\$4,543,861.00	\$370,000.00	\$0.00	\$73.95	\$1,170,925.95	0.2%	0.0%	0.2%
22,500	200	4,500.000	\$391,624.91	\$364,910.00	\$4,897,410.91	\$9,619,987.71	\$2,826,009.91	\$4,897,411.00	\$380,000.00	\$0.00	\$75.81	\$1,239,345.81	0.2%	0.0%	0.2%
23,000	200	4,600.000	\$400,280.91	\$373,560.00	\$5,276,960.91	\$10,199,197.71	\$2,975,589.91	\$5,276,961.00	\$390,000.00	\$0.00	\$77.67	\$1,310,765.67	0.2%	0.0%	0.2%
23,500	200	4,700.000	\$408,936.91	\$382,210.00	\$5,681,510.91	\$10,804,407.71	\$3,130,169.91	\$5,681,511.00	\$400,000.00	\$0.00	\$79.53	\$1,384,185.53	0.2%	0.0%	0.2%
24,000	200	4,800.000	\$417,592.91	\$390,860.00	\$6,112,060.91	\$11,434,617.71	\$3,290,749.91	\$6,112,061.00	\$410,000.00	\$0.00	\$81.39	\$1,459,605.39	0.2%	0.0%	0.2%
24,500	200	4,900.000	\$426,248.91	\$399,510.00	\$6,569,610.91	\$12,090,827.71	\$3,456,329.91	\$6,569,611.00	\$420,000.00	\$0.00	\$83.25	\$1,537,025.25	0.2%	0.0%	0.2%
25,000	200	5,000.000	\$434,904.91	\$408,160.00	\$7,054,160.91	\$12,785,037.71	\$3,627,909.91	\$7,054,161.00	\$430,000.00	\$0.00	\$85.11	\$1,617,445.11	0.2%	0.0%	0.2%
25,500	200	5,100.000	\$443,560.91	\$416,810.00	\$7,577,710.91	\$13,507,247.71	\$3,805,489.91	\$7,577,711.00	\$440,000.00	\$0.00	\$86.97	\$1,700,864.97	0.2%	0.0%	0.2%
26,000	200	5,200.000	\$452,216.91	\$425,460.00	\$8,130,260.91	\$14,257,457.71	\$3,989,069.91	\$8,130,261.00	\$450,000.00	\$0.00	\$88.83	\$1,788,284.83	0.2%	0.0%	0.2%
26,500	200	5,300.000	\$460,872.91	\$434,110.00	\$8,713,810.91	\$15,035,667.71	\$4,177,649.91	\$8,713,811.00	\$460,000.00	\$0.00	\$90.69	\$1,878,704.69	0.2%	0.0%	0.2%
27,000	200	5,400.000	\$469,528.91	\$442,760.00	\$9,328,360.91	\$15,841,877.71	\$4,379,229.91	\$9,328,361.00	\$470,000.00	\$0.00	\$92.55	\$1,971,124.55	0.2%	0.0%	0.2%
27,500	200	5,500.000	\$478,184.91	\$451,410.00	\$9,974,910.91	\$16,677,087.71	\$4,591,809.91	\$9,974,911.00	\$480,000.00	\$0.00	\$94.41	\$2,067,544.41	0.2%	0.0%	0.2%
28,000	200	5,600.000	\$486,840.91	\$460,060.00	\$10,653,460.91	\$17,542,297.71	\$4,818,389.91	\$10,653,461.00	\$490,000.00	\$0.00	\$96.27	\$2,166,964.27	0.2%	0.0%	0.2%
28,500	200	5,700.000	\$495,496.91	\$468,710.00	\$11,366,010.91	\$18,446,507.71	\$5,051,969.91	\$11,366,011.00	\$500,000.00	\$0.00	\$98.13	\$2,269,384.13	0.2%	0.0%	0.2%
29,000	200	5,800.000	\$504,152.91	\$477,360.00	\$12,113,560.91	\$19,378,717.71	\$5,292,549.91	\$12,113,561.00	\$510,000.00	\$0.00	\$100.00	\$2,374,804.00	0.		