



August 21, 2018

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 4770 – Application of The Narragansett Electric Company d/b/a National Grid for Approval of a Change in Electric and Gas Base Distribution Rates
Docket 4780 – The Narragansett Electric Company d/b/a National Grid Proposed Power Sector Transformation Vision and Implementation Plan Compliance Filing – Revised Attachments 12 and 18**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (the Company), enclosed for the Public Utilities Commission's (PUC) review is an advance copy of the non-base distribution factors and charges impacted by the Company's general rate case in the above-referenced dockets and that would change effective September 1, 2018 pursuant to the Company's implementation of the Amended Settlement Agreement dated August 16, 2018, which is pending PUC approval.

In its August 16, 2018 Amended Settlement Agreement compliance filing, the Company provided illustrative factors and charges associated with its various reconciling mechanisms in Attachments 12 and 18 for Narragansett Electric and Narragansett Gas, respectively. Pursuant to the provisions of the Amended Settlement Agreement in Sections C.7 and C.11 applicable to these factors and charges for Narragansett Electric and Narragansett Gas, respectively, upon PUC approval of the multi-year rate plan (MRP) presented in the Amended Settlement Agreement, the Company will include with its tariff compliance filing the factors and charges associated with its various reconciling mechanisms for effect September 1, 2018 based upon those currently in effect. Attachments 12 and 18 were prepared based on factors and charges in effect during November 2017. These attachments have not been changed to reflect changes in the factors and charges that occur over time so that the bill impacts presented in Attachments 10 and 17 reflect only changes resulting from the general rate case, and do not reflect changes in the factors and charges, occurring in the normal course of the operation of the reconciling mechanisms.

The Company recognizes that the PUC has a short period of time between the PUC's August 24, 2018 Open Meeting at which it will rule on the Amended Settlement Agreement, the Company's subsequent compliance tariff filing with the updated rates and factors discussed above, and the September 1, 2018 effective date of new rates, factors, and charges resulting from this general rate case. Therefore, the Company is submitting the accompanying schedules that provide these calculations and the resulting factors and charges that will change effective September 1, 2018 as a result of the general rate case. The Company is providing this information now to allow the PUC and the parties the opportunity to review the schedules before the Company submits them in its tariff compliance filing.

Narragansett Electric is providing an updated Compliance Attachment 12, which reflects all factors and charges associated with its reconciling mechanisms and charges that are currently in effect. This updated Compliance Attachment 12 has been prepared consistent with Compliance Attachment 12 to reflect the updated uncollectible rate of 1.30% and the consolidation of Rate G-32 and G-62; the only change has been to reflect currently effective factors and charges. Also reflected in the updated Compliance Attachment 12 are the base distribution rates presented in the Amended Settlement Agreement compliance filing submitted on August 16, 2018.

Narragansett Gas is providing an updated Compliance Attachment 18, which updates the Energy Efficiency Program (EEP) Charges and the Gas Cost Recovery (GCR) Factors to reflect the currently-effective EEP Charges and GCR Factors adjusted to include the uncollectible rate of 1.91%. The GCR and EEP factors submitted in Compliance Attachment 18 reflect the GCR and EE factors that were in effect as of November 1, 2017 adjusted for all changes resulting from the Amended Settlement Agreement, including the updated uncollectible percentage rate, working capital, inventory finance, and LNG O&M costs. Unlike the GCR and EEP, the Distribution Adjustment Charge (DAC) has not changed since November 1, 2017¹, and therefore, Narragansett Gas is not revising the proposed September 1, 2018 DAC provided in Compliance Attachment 18.

In implementing the provisions in Sections C.7 and C.11 of the Amended Settlement Agreement, updated Compliance Attachments 12 and 18 contain all of the rates, factors, and charges that would go into effect for usage on and after September 1, 2018 and be reflected on customer bills after this date. The Company is providing this information at this time, rather than waiting until the week of August 27, 2018, to facilitate the PUC's and parties' review of these rates and charges.

¹ Although Narragansett Gas updated the DAC on April 1, 2018 to reflect the Fiscal Year 2019 Infrastructure, Safety, and Reliability (ISR) factors, Narragansett Gas is eliminating the Fiscal Year 2019 ISR factors in the DAC effective September 1, 2018 because these capital costs will now be reflected in its base distribution rates.

Luly E. Massaro, Commission Clerk
Docket Nos. 4770/4780 – Compliance Filing - Revised Attachments 12 and 18
August 21, 2018
Page 3 of 3

Thank you very much for your time and attention to this matter. If you have any questions, please contact Celia O'Brien at 781-907-2153 or Jennifer Brooks Hutchinson at 401-784-7288.

Very truly yours,



Celia B. O'Brien



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4770 Service List
Docket 4780 Service List
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Jonathan Schrag, Division
John Bell, Division
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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

August 21, 2018

Date

Docket No. 4770 - National Grid – Rate Application
Service list updated 8/9/2018

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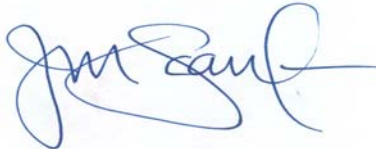
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Joanne M. Scanlon

August 21, 2018
Date

**Docket No. 4780 - National Grid – Power Sector Transformation Filing
Service list updated 8/9/2018**

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The Narragansett Electric Company
Present and Proposed Rates

Rate A-16 (Basic Residential)		Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (b)
(1)	LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)			
(3)	Base Distribution Customer Charge	\$5.00	\$6.00
(4)			
(5)	Renewable Energy Growth Charge	\$0.78	\$0.79
(6)			
(7)	Base Distribution Energy (per kWh)	\$0.03664	\$0.04298
(8)			
(9)	Operating & Maintenance Expense Charge	\$0.00175	\$0.00175
(10)			
(11)	Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)			
(13)	FY19 CapEx Factor Charge	\$0.00355	\$0.00000
(14)			
(15)	CapEx Reconciliation Factor	(\$0.00135)	(\$0.00135)
(16)			
(17)	Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(18)			
(19)	Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(20)			
(21)	Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(22)			
(23)	Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(24)			
(25)	Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(26)			
(27)	Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(28)			
(29)	Net Metering Charge	\$0.00043	\$0.00043
(30)			
(31)	Base Transmission Charge and Adjustment Factor	\$0.03230	\$0.00076
(32)			
(33)	Transmission Uncollectible Factor	\$0.00041	\$0.00043
(34)			
(35)	Total Transition Charge	(\$0.00087)	(\$0.00087)
(36)			
(37)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(38)			
(39)	Standard Offer Service Base Charge	\$0.08315	\$0.08315
(40)			
(41)	SOS Adjustment Factor	\$0.00007	\$0.00007
(42)			
(43)	SOS Administrative Cost Adjustment Factor	\$0.00160	\$0.00165
(44)			
(45)	Renewable Energy Standard Charge	\$0.00004	\$0.00004
(46)			
(47)			
(48)	Customer Charge	\$5.00	\$6.00
(49)	RE Growth Factor	\$0.78	\$0.79
(50)	LIHEAP Charge	\$0.81	\$0.81
(51)	Transmission Energy Charge	\$0.03271	\$0.00119
(52)	Base Distribution Energy (per kWh)	\$0.03664	\$0.04298
(53)	Other Distribution Energy Charge	\$0.00783	\$0.00580
(54)	Transition Energy Charge	(\$0.00087)	(\$0.00087)
(55)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(56)	Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(57)	Standard Offer Charge	\$0.08486	\$0.08491

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
Column (b):

- Lines (1, 11, 19, 21, 23, 25, 29, 35) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
- Lines (39, 41, 45) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
- Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (a), Line (2)
- Line (5): Page 16, Column (a), Line (3)
- Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (a), Line (9)
- Line (9): Page 21, Line (6), Column (a)
- Line (15): Page 22, Column (a), Line (10)
- Line (17): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)
- Line (27): Page 13, Line (13)
- Line (31): Sum of Page 10, Column (a), Line (13) and Page 11, Column (a), Line (5)
- Line (33): Page 12, Column (a), Line (10)
- Line (37): Page 17, Line (7)
- Line (43): Page 18, Line (7)
- Line (48): Line (3)
- Line (49): Line (5)
- Line (50): Line (1)
- Line (51): Line (31) + Line (33)
- Line (52): Line (7)
- Line (53): Line (9) + Line (11) + Line (13) + Line (15) + Line (17) + Line (19) + Line (21) + Line (23) + Line (25)
- Line (54): Line (35)
- Line (55): Line (37)
- Line (56): Line (27) + Line (29)
- Line (57): Line (39) + Line (41) + Line (43) + Line (45)

The Narragansett Electric Company
Present and Proposed Rates

Rate A-60 (Residential Low Income)		Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (c)
(1)	LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)			
(3)	Base Distribution Customer Charge	\$0.00	\$2.00
(4)			
(5)	Renewable Energy Growth Charge	\$0.78	\$0.79
(6)			
(7)	Base Distribution Energy (per kWh)	\$0.02317	\$0.04298
(8)			
(9)	Operating & Maintenance Expense Charge	\$0.00175	\$0.00175
(10)			
(11)	Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)			
(13)	FY19 CapEx Factor Charge	\$0.00355	\$0.00000
(14)			
(15)	CapEx Reconciliation Factor	(\$0.00135)	(\$0.00135)
(16)			
(17)	Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(18)			
(19)	Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(20)			
(21)	Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(22)			
(23)	Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(24)			
(25)	Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(26)			
(27)	Net Metering Charge	\$0.00043	\$0.00043
(28)			
(29)	Base Transmission Charge and Adjustment Factor	\$0.03230	\$0.00076
(30)			
(31)	Transmission Uncollectible Factor	\$0.00041	\$0.00043
(32)			
(33)	Total Transition Charge	(\$0.00087)	(\$0.00087)
(34)			
(35)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(36)			
(37)	Standard Offer Service Base Charge	\$0.08315	\$0.08315
(38)			
(39)	SOS Adjustment Factor	\$0.00007	\$0.00007
(40)			
(41)	SOS Administrative Cost Adjustment Factor	\$0.00160	\$0.00165
(42)			
(43)	Renewable Energy Standard Charge	\$0.00004	\$0.00004
(44)			
(45)			
(46)	Customer Charge	\$0.00	\$2.00
(47)	RE Growth Factor	\$0.78	\$0.79
(48)	LIHEAP Charge	\$0.81	\$0.81
(49)	Transmission Energy Charge	\$0.03271	\$0.00119
(50)	Base Distribution Energy (per kWh)	\$0.02317	\$0.04298
(51)	Other Distribution Energy Charge	\$0.00783	\$0.00428
(52)	Transition Energy Charge	(\$0.00087)	(\$0.00087)
(53)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(54)	Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(55)	Standard Offer Charge	\$0.08486	\$0.08491

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Column (b):

Lines (1, 11, 17, 19, 21, 23, 27, 33) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095

Lines (39, 39, 43) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (b), Line (4)

Line (5): Page 16, Column (a), Line (3)

Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (b), Line (9)

Line (9): Page 21, Line (6), Column (a)

Line (15): Page 22, Column (a), Line (10)

Line (25): Page 13, Line (13)

Line (29): Sum of Page 10, Column (a), Line (13) and Page 11, Column (a), Line (5)

Line (31): Page 12, Column (a), Line (10)

Line (35): Page 17, Line (7)

Line (41): Page 18, Line (7)

Line (46): Line (3)

Line (47): Line (5)

Line (48): Line (1)

Line (49): Line (29) + Line (31)

Line (50): Line (7)

Line (51): Line (9) + Line (11) + Line (13) + Line (15) + Line (17) + Line (19) + Line (21) + Line (23)

Line (52): Line (33)

Line (53): Line (35)

Line (54): Line (25) + Line (27)

Line (55): Line (37) + Line (39) + Line (41) + Line (43)

The Narragansett Electric Company
Present and Proposed Rates

<u>Rate C-06 (Small C&I)</u>		Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (c)
(1)	LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)			
(3)	Base Distribution Customer Charge	\$10.00	\$10.00
(4)			
(5)	Renewable Energy Growth Charge	\$1.26	\$1.26
(6)			
(7)	Base Distribution Energy (per kWh)	\$0.03253	\$0.04207
(8)			
(9)	Operating & Maintenance Expense Charge	\$0.00176	\$0.00176
(10)			
(11)	Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)			
(13)	FY19 CapEx Factor Charge	\$0.00322	\$0.00000
(14)			
(15)	CapEx Reconciliation Factor	(\$0.00119)	(\$0.00119)
(16)			
(17)	Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(18)			
(19)	Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(20)			
(21)	Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(22)			
(23)	Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(24)			
(25)	Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(26)			
(27)	Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(28)			
(29)	Net Metering Charge	\$0.00043	\$0.00043
(30)			
(31)	Base Transmission Charge and Adjustment Factor	\$0.02693	\$0.02693
(32)			
(33)	Transmission Uncollectible Factor	\$0.00033	\$0.00035
(34)			
(35)	Total Transition Charge	(\$0.00087)	(\$0.00087)
(36)			
(37)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(38)			
(39)	Standard Offer Service Base Charge	\$0.08068	\$0.08068
(40)			
(41)	SOS Adjustment Factor	(\$0.00041)	(\$0.00041)
(42)			
(43)	SOS Administrative Cost Adjustment Factor	\$0.00159	\$0.00163
(44)			
(45)	<u>Renewable Energy Standard Charge</u>	<u>\$0.00004</u>	<u>\$0.00004</u>
(46)			
(47)			
(48)	Customer Charge	\$10.00	\$10.00
(49)	RE Growth Factor	\$1.26	\$1.26
(50)	LIHEAP Charge	\$0.81	\$0.81
(51)	Transmission Energy Charge	\$0.02726	\$0.02728
(52)	Base Distribution Energy (per kWh)	\$0.03253	\$0.04207
(53)	Other Distribution Energy Charge	\$0.00767	\$0.00597
(54)	Transition Energy Charge	(\$0.00087)	(\$0.00087)
(55)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(56)	Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(57)	Standard Offer Charge	\$0.08190	\$0.08194

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
Column (b):

- Lines (1, 11, 19, 21, 23, 25, 29, 35) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
- Lines (39, 41, 45) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
- Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (c), Line (2)
- Line (5): Page 16, Column (b), Line (3)
- Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (c), Line (9)
- Line (9): Page 21, Line (6), Column (b)
- Line (15): Page 22, Column (b), Line (10)
- Line (17): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)
- Line (27): Page 13, Line (13)
- Line (31): Sum of Page 10, Column (b), Line (13) and Page 11, Column (b), Line (5)
- Line (33): Page 12, Column (b), Line (10)
- Line (37): Page 17, Line (7)
- Line (43): Page 18, Line (7)
- Line (48): Line (3)
- Line (49): Line (5)
- Line (50): Line (1)
- Line (51): Line (31) + Line (33)
- Line (52): Line (7)
- Line (53): Line (9) + Line (11) + Line (13) + Line (15) + Line (17) + Line (19) + Line (21) + Line (23) + Line (25)
- Line (54): Line (35)
- Line (55): Line (37)
- Line (56): Line (27) + Line (29)
- Line (57): Line (39) + Line (41) + Line (43) + Line (45)

The Narragansett Electric Company
Present and Proposed Rates

Rate G-02 (General C&I)

	Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (c)
(1) LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)		
(3) Base Distribution Customer Charge	\$135.00	\$145.00
(4)		
(5) Renewable Energy Growth Charge	\$11.85	\$11.85
(6)		
(7) Base Distribution Energy (per kWh)	\$0.00468	\$0.00409
(8)		
(9) Distribution kW Charge (per kW >10)	\$4.85	\$6.50
(10)		
(11) Operating & Maintenance Expense Charge	\$0.00128	\$0.00128
(12)		
(13) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(14)		
(15) FY19 CapEx Factor (per kW >10)	\$0.80	\$0.00
(16)		
(17) CapEx Reconciliation Factor	(\$0.00098)	(\$0.00098)
(18)		
(19) Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(20)		
(21) Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(22)		
(23) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(24)		
(25) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(26)		
(27) Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(28)		
(29) Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(30)		
(31) Net Metering Charge	\$0.00043	\$0.00043
(32)		
(33) Transmission kW Charge	\$4.37	\$4.37
(34)		
(35) Base Transmission Charge and Adjustment Factor	\$0.00995	(\$0.00236)
(36)		
(37) Transmission Uncollectible Factor	\$0.00033	\$0.00035
(38)		
(39) Total Transition Charge	(\$0.00087)	(\$0.00087)
(40)		
(41) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(42)		
(43) Standard Offer Service Base Charge	\$0.08068	\$0.08068
(44)		
(45) SOS Adjustment Factor	(\$0.00041)	(\$0.00041)
(46)		
(47) SOS Administrative Cost Adjustment Factor	\$0.00159	\$0.00163
(48)		
(49) Renewable Energy Standard Charge	\$0.00004	\$0.00004
(50)		
(51)		
(52) Customer Charge	\$135.00	\$145.00
(53) RE Growth Factor	\$11.85	\$11.85
(54) LIHEAP Charge	\$0.81	\$0.81
(55) Transmission Demand Charge	\$4.37	\$4.37
(56) Transmission Energy Charge	\$0.01028	(\$0.00201)
(57) Base Distribution Demand Charge-xcs 10 kW	\$4.85	\$6.50
(58) CapEx Charge	\$0.80	\$0.00
(59) Base Distribution Energy Charge	\$0.00468	\$0.00409
(60) Other Distribution Energy Charge	\$0.00418	\$0.00570
(61) Transition Energy Charge	(\$0.00087)	(\$0.00087)
(62) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(63) Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(64) Standard Offer Charge	\$0.08190	\$0.08194

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
Column (b):

- Lines (1, 11, 13, 21, 23, 25, 27, 31, 39) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
- Lines (43, 45, 49) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
- Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (d), Line (2)
- Line (5): Page 16, Column (a), Line (3)
- Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (d), Line (9)
- Line (9): Compliance Attachment 9, Schedule 4-I, Page 1, Column (d), Line (14)
- Line (11): Page 21, Line (6), Column (c)
- Line (17): Page 22, Column (c), Line (10)
- Line (19): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)
- Line (29): Page 13, Line (13)
- Line (33): Page 10, Column (c), Line (10)
- Line (35): Sum of Page 10, Column (b), Line (13) and Page 11, Column (b), Line (5)
- Line (37): Page 12, Column (c), Line (10)
- Line (41): Page 17, Line (7)
- Line (47): Page 18, Line (7)
- Line (52): Line (3)
- Line (53): Line (5)
- Line (54): Line (1)
- Line (55): Line (33)
- Line (56): Line (35) + Line (37)
- Line (57): Line (9)
- Line (59): Line (7)
- Line (60): Line (11) + Line (13) + Line (17) + Line (19) + Line (21) + Line (23) + Line (25) + Line (29)
- Line (61): Line (39)
- Line (62): Line (41)
- Line (63): Line (29) + Line (31)
- Line (64): Line (43) + Line (45) + Line (47) + Line (49)

The Narragansett Electric Company
Present and Proposed Rates

Rate G-32 (Large Demand Rate)

	Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (c)
(1) LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)		
(3) Base Distribution Customer Charge	\$825.00	\$1,100.00
(4)		
(5) Renewable Energy Growth Charge	\$86.86	\$107.55
(6)		
(7) Base Distribution Energy (per kWh)	\$0.00551	\$0.00385
(8)		
(9) Distribution kW Charge (per kW >200)	\$3.70	\$5.00
(10)		
(11) Operating & Maintenance Expense Charge	\$0.00083	\$0.00085
(12)		
(13) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(14)		
(15) FY19 CapEx Factor (per kW >200)	\$0.87	\$0.00
(16)		
(17) CapEx Reconciliation Factor	(\$0.00050)	(\$0.00048)
(18)		
(19) Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(20)		
(21) Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(22)		
(23) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(24)		
(25) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(26)		
(27) Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(28)		
(29) Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(30)		
(31) Net Metering Charge	\$0.00043	\$0.00043
(32)		
(33) Transmission kW Charge	\$4.69	\$4.47
(34)		
(35) Base Transmission Charge and Adjustment Factor	\$0.01059	(\$0.00036)
(36)		
(37) Transmission Uncollectible Factor	\$0.00029	\$0.00031
(38)		
(39) Total Transition Charge	(\$0.00087)	(\$0.00087)
(40)		
(41) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(42)		
(43) Standard Offer Service Base Charge	\$0.07860	\$0.07860
(44)		
(45) SOS Adjustment Factor	(\$0.00830)	(\$0.00830)
(46)		
(47) SOS Administrative Cost Adjustment Factor	\$0.00174	\$0.00177
(48)		
(49) Renewable Energy Standard Charge	\$0.00004	\$0.00004
(50)		
(51)		
(52) Customer Charge	\$825.00	\$1,100.00
(53) RE Growth Factor	\$86.86	\$107.55
(54) LIHEAP Charge	\$0.81	\$0.81
(55) Transmission Demand Charge	\$4.69	\$4.47
(56) Transmission Energy Charge	\$0.01088	(\$0.00005)
(57) Base Distribution Demand Charge - > 200 kW	\$3.70	\$5.00
(58) CapEx Charge	\$0.87	\$0.00
(59) Base Distribution Energy Charge	\$0.00551	\$0.00385
(60) Other Distribution Energy Charge	\$0.00421	\$0.00577
(61) Transition Energy Charge	(\$0.00087)	(\$0.00087)
(62) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(63) Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(64) Standard Offer Charge	\$0.07208	\$0.07211

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
Column (b):

Lines (1, 11, 13, 17, 21, 23, 25, 27, 31, 39) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095

Lines (43, 45, 49) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (e), Line (2)

Line (5): Page 16, Column (f), Line (3)

Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (e), Line (9)

Line (9): Compliance Attachment 9, Schedule 4-I, Page 1, Column (e), Line (17)

Line (11): Page 21, Column (f), Line (6)

Line (17): Page 22, Column (f), Line (10)

Line (19): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)

Line (29): Page 13, Line (13)

Line (33): Page 10, Column (f), Line (10)

Line (35): Page 10, Column (f), Line (13) + Page 11, Column (f), Line (5)

Line (37): Page 12, Column (f), Line (10)

Line (41): Page 17, Line (7)

Line (47): Page 18, Line (7)

Line (52): Line (3)

Line (53): Line (5)

Line (54): Line (1)

Line (55): Line (33)

Line (56): Line (35) + Line (37)

Line (57): Line (9)

Line (59): Line (7)

Line (60): Line (11) + Line (13) + Line (17) + Line (19) + Line (21) + Line (23) + Line (25) + Line (27)

Line (61): Line (39)

Line (62): Line (41)

Line (63): Line (29) + Line (31)

Line (64): Line (43) + Line (45) + Line (47) + Line (49)

The Narragansett Electric Company
Present and Proposed Rates

Rate G-62 (Optional Large Demand Rate)

	Present Rates <u>@ 8/1/18</u> (a)	Proposed G-32 Rate (c)
(1) LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)		
(3) Base Distribution Customer Charge	\$17,000.00	\$1,100.00
(4)		
(5) Renewable Energy Growth Charge	\$1,928.08	\$107.55
(6)		
(7) Base Distribution Energy (per kWh)	\$0.00000	\$0.00385
(8)		
(9) Distribution kW Charge (per kW) (per kW >200)	\$2.99	\$5.00
(10)		
(11) Operations & Maintenance Expense Charge (per kW)	\$0.41	n/a
(12)		
(13) Operating & Maintenance Expense Charge	\$0.00000	\$0.00085
(14)		
(15) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(16)		
(17) FY19 CapEx Factor (per kW) (per kW >200)	\$0.72	\$0.00
(18)		
(19) CapEx Reconciliation Factor	(\$0.00038)	(\$0.00048)
(20)		
(21) Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(22)		
(23) Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(24)		
(25) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(26)		
(27) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(28)		
(29) Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(30)		
(31) Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(32)		
(33) Net Metering Charge	\$0.00043	\$0.00043
(34)		
(35) Transmission (per kW)	\$3.40	\$4.47
(36)		
(37) Base Transmission Charge and Adjustment Factor	\$0.01731	(\$0.00036)
(38)		
(39) Transmission Uncollectible Factor	\$0.00032	\$0.00031
(40)		
(41) Total Transition Charge	(\$0.00087)	(\$0.00087)
(42)		
(43) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(44)		
(45) Standard Offer Service Base Charge	\$0.07860	\$0.07860
(46)		
(47) SOS Adjustment Factor	(\$0.00830)	(\$0.00830)
(48)		
(49) SOS Administrative Cost Adjustment Factor	\$0.00174	\$0.00177
(50)		
(51) Renewable Energy Standard Charge	\$0.00004	\$0.00004
(52)		
(53)		
(54) Customer Charge	\$17,000.00	\$1,100.00
(55) RE Growth Factor	\$1,928.08	\$107.55
(56) LIHEAP Charge	\$0.81	\$0.81
(57) Transmission Demand Charge	\$3.40	\$4.47
(58) Transmission Energy Charge	\$0.01763	(\$0.00005)
(59) Base Distribution Demand Charge	\$2.99	\$5.00
(60) O&M kW Charge	\$0.41	n/a
(61) CapEx kW Charge	\$0.72	\$0.00
(62) Base Distribution Energy Charge	\$0.00000	\$0.00385
(63) Other Distribution Energy Charge	\$0.00350	\$0.00577
(64) Transition Energy Charge	(\$0.00087)	(\$0.00087)
(65) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(66) Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(67) Standard Offer Charge	\$0.07208	\$0.07211

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Column (b):

Lines (1, 15, 23, 25, 27, 29, 33, 41) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095

Lines (45, 47, 51) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Line (3): Compliance Attachment 9, Schedule 4-1, Page 1, Column (e), Line (2)

Line (5): Page 16, Column (f), Line (3)

Line (7): Compliance Attachment 9, Schedule 4-1, Page 1, Column (e), Line (9)

Line (9): Compliance Attachment 9, Schedule 4-1, Page 1, Column (e), Line (17)

Line (11): Page 21, Column (f), Line (6)

Line (13): Page 21, Column (f), Line (8)

Line (19): Page 22, Column (f), Line (10)

Line (21): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)

Line (31): Page 13, Line (13)

Line (35): Page 10, Column (f), Line (10)

Line (37): Page 10, Column (f), Line (13) + Page 11, Column (f), Line (5)

Line (39): Page 12, Column (f), Line (10)

Line (43): Page 17, Line (7)

Line (49): Page 18, Line (7)

Line (54): Line (3)

Line (55): Line (5)

Line (56): Line (1)

Line (57): Line (35)

Line (58): Line (37) + Line (39)

Line (59): Line (9)

Line (60): Line (11)

Line (62): Line (7)

Line (63): Line (13) + Line (15) + Line (19) + Line (21) + Line (23) + Line (25) + Line (29)

Line (64): Line (41)

Line (65): Line (43)

Line (66): Line (31) + Line (33)

Line (67): Line (45) + Line (47) + Line (49) + Line (51)

The Narragansett Electric Company
Present and Proposed Rates

Rate X-01 (Electric Propulsion Rate)		Present Rates @ 8/1/18 (a)	Proposed Rate @ 9/1/18 (b)
(1)	LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)			
(3)	Base Distribution Customer Charge	\$16,500.00	\$21,000.00
(4)			
(5)	Renewable Energy Growth Charge	\$2,087.71	\$2,088.76
(6)			
(7)	Base Distribution Energy (per kWh)	\$0.01600	\$0.00484
(8)			
(9)	Operating & Maintenance Expense Charge	\$0.00128	\$0.00128
(10)			
(11)	Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)			
(13)	FY19 CapEx Factor Charge	\$0.00261	\$0.00000
(14)			
(15)	CapEx Reconciliation Factor	(\$0.00103)	(\$0.00103)
(16)			
(17)	Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(18)			
(19)	Revenue Decoupling Adjustment Factor	\$0.00184	\$0.00184
(20)			
(21)	Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(22)			
(23)	Long-term Contracting for Renewable Energy Charge	\$0.00647	\$0.00647
(24)			
(25)	Net Metering Charge	\$0.00043	\$0.00043
(26)			
(27)	Transmission (per kW)	\$3.40	\$4.47
(28)			
(29)	Base Transmission Charge and Adjustment Factor	\$0.01731	(\$0.00036)
(30)			
(31)	Transmission Uncollectible Factor	\$0.00032	\$0.00031
(32)			
(33)	Total Transition Charge	(\$0.00087)	(\$0.00087)
(34)			
(35)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(36)			
(37)	Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(38)			
(39)	Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(40)			
(41)	Standard Offer Service Base Charge	\$0.07860	\$0.07860
(42)			
(43)	SOS Adjustment Factor	(\$0.00830)	(\$0.00830)
(44)			
(45)	SOS Administrative Cost Adjustment Factor	\$0.00174	\$0.00177
(46)			
(47)	Renewable Energy Standard Charge	\$0.00004	\$0.00004
(48)			
(49)			
(50)	Customer Charge	\$16,500.00	\$21,000.00
(51)	RE Growth Factor	\$2,087.71	\$2,088.76
(52)	LIHEAP Charge	\$0.81	\$0.81
(53)	Transmission Demand Charge	\$3.40	\$4.47
(54)	Transmission Energy Charge	\$0.01763	(\$0.00005)
(55)	Base Distribution Energy Charge	\$0.01600	\$0.00484
(56)	Other Distribution Energy Charge	\$0.00674	\$0.00565
(57)	Transition Energy Charge	(\$0.00087)	(\$0.00087)
(58)	Energy Efficiency Program Charge	\$0.01002	\$0.01002
(59)	Renewable Energy Distribution Charge	\$0.00690	\$0.00690
(60)	Standard Offer Charge	\$0.07208	\$0.07211

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
Column (b):

- Lines (1, 11, 19, 21, 25, 33, 37, 39) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095
- Lines (39, 41, 45) per Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096
- Line (3): Compliance Attachment 9, Schedule 4-I, Page 1, Column (e), Line (2)
- Line (5): Page 16, Column (h), Line (3)
- Line (7): Compliance Attachment 9, Schedule 4-I, Page 1, Column (g), Line (9)
- Line (9): Page 21, Column (h), Line (8)
- Line (15): Page 22, Column (h), Line (10)
- Line (17): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)
- Line (23): Page 13, Line (13)
- Line (27): Page 10, Column (f), Line (10)
- Line (29): Page (10), Column (f), Line (13) + Page 11, Column (f), Line (5)
- Line (31): Page 12, Column (f), Line (10)
- Line (35): Page 17, Line (7)
- Line (43): Page 18, Line (7)
- Line (48): Line (3)
- Line (49): Line (5)
- Line (50): Line (1)
- Line (51): Line (27)
- Line (52): Line (29) + Line (31)
- Line (53): Line (7)
- Line (54): Line (9) + Line (11) + Line (13) + Line (15) + Line (17) + Line (19) + Line (21) + Line (37) + Line (39)
- Line (55): Line (33)
- Line (56): Line (35)
- Line (57): Line (23) + Line (25)
- Line (58): Line (39) + Line (41) + Line (43) + Line (45)

The Narragansett Electric Company
Present and Proposed Rates

Rate S-06/S-10/S-14 (Street and Area Lighting)

	Present Rates @ 11/1/17 (a)	Proposed Rate @ 9/1/18 (b)
(1) LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)		
(3) Base Distribution Customer Charge	n/a	n/a
(4)		
(5) Renewable Energy Standard Charge (per luminaire)	\$0.39	\$0.39
(6)		
(7) Base Distribution Energy (per kWh)	\$0.00000	\$0.00000
(8)		
(9) Operating & Maintenance Expense Charge	\$0.01722	\$0.01722
(10)		
(11) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)		
(13) FY19 CapEx Factor Charge	\$0.02215	\$0.00000
(14)		
(15) CapEx Reconciliation Factor	(\$0.00151)	(\$0.00151)
(16)		
(17) Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(18)		
(19) Revenue Decoupling Adjustment	\$0.00184	\$0.00184
(20)		
(21) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(22)		
(23) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(24)		
(25) Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(26)		
(27) Long-term Contracting Charge	\$0.00647	\$0.00647
(28)		
(29) Net Metering Charge	\$0.00043	\$0.00043
(30)		
(31) Base Transmission Charge and Adjustment Factor	\$0.02737	\$0.02737
(32)		
(33) Transmission Uncollectible Factor	\$0.00035	\$0.00036
(34)		
(35) Transition Charge	(\$0.00087)	(\$0.00087)
(36)		
(37) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(38)		
(39) Standard Offer Service Base Charge	\$0.08068	\$0.08068
(40)		
(41) SOS Adjustment Factor	(\$0.00041)	(\$0.00041)
(42)		
(43) SOS Administrative Cost Adjustment Factor	\$0.00159	\$0.00163
(44)		
(45) Renewable Energy Standard Charge	\$0.00004	\$0.00004
(46)		
(47)		
(48) Volumetric Charge per kWh	\$0.16741	\$0.14683

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Column (b):

Lines (1, 7, 9, 11, 15, 19, 21, 23, 27, 29, 33) per Summary of Retail Delivery Service Rates tariff

Lines (37, 39, 43) per Summary of Rates Standard Offer Service tariff

Line (3): n/a

Line (5): Page 16, Column (f), Line (3)

Line (17): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)

Line (25): Page 13, Line (13)

Line (31): Page 12, Line (10)

Line (35): Page 17, Line (7)

Line (41): Page 18, Line (7)

Line (46): sum of Lines (1) through (43)

The Narragansett Electric Company
Present and Proposed Rates

Rate S-05 (Customer-Owned Street and Area Lighting)

	Present Rates <u>@ 8/1/18</u> (a)	Proposed Rate <u>@ 9/1/18</u> (b)
(1) LIHEAP Enhancement Charge	\$0.81	\$0.81
(2)		
(3) Base Distribution Customer Charge	n/a	n/a
(4)		
(5) Renewable Energy Standard Charge (per luminaire)	\$0.39	\$0.39
(6)		
(7) Base Distribution Energy (per kWh)	\$0.02654	\$0.03571
(8)		
(9) Operating & Maintenance Expense Charge	\$0.01722	\$0.01722
(10)		
(11) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(12)		
(13) FY19 CapEx Factor Charge	\$0.02215	\$0.00000
(14)		
(15) CapEx Reconciliation Factor	(\$0.00151)	(\$0.00151)
(16)		
(17) Low Income Discount Recovery Factor	\$0.00000	\$0.00152
(18)		
(19) Revenue Decoupling Adjustment	\$0.00184	\$0.00184
(20)		
(21) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(22)		
(23) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(24)		
(25) Arrearage Management Adjustment Factor	\$0.00002	\$0.00002
(26)		
(27) Long-term Contracting Charge	\$0.00647	\$0.00647
(28)		
(29) Net Metering Charge	\$0.00043	\$0.00043
(30)		
(31) Base Transmission Charge and Adjustment Factor	\$0.02737	\$0.02737
(32)		
(33) Transmission Uncollectible Factor	\$0.00035	\$0.00036
(34)		
(35) Transition Charge	(\$0.00087)	(\$0.00087)
(36)		
(37) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(38)		
(39) Standard Offer Service Base Charge	\$0.08068	\$0.08068
(40)		
(41) SOS Adjustment Factor	(\$0.00041)	(\$0.00041)
(42)		
(43) SOS Administrative Cost Adjustment Factor	\$0.00159	\$0.00163
(44)		
(45) <u>Renewable Energy Standard Charge</u>	<u>\$0.00004</u>	<u>\$0.00004</u>
(46)		
(47)		
(48) Volumetric Charge per kWh	\$0.19395	\$0.18254

Notes:

Column (a): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096

Column (b):

Lines (1, 7, 9, 11, 15, 19, 21, 23, 27, 29, 33) per Summary of Retail Delivery Service Rates tariff

Lines (37, 39, 43) per Summary of Rates Standard Offer Service tariff

Line (3): n/a

Line (5): Page 16, Column (f), Line (3)

Line (7): Compliance Attachment 9, Schedule 4-F, Page 3, Line 92

Line (17): Compliance Attachment 20, Schedule 2, Page 1, Section 2, Line (3)

Line (25): Page 13, Line (13)

Line (31): Page 12, Line (10)

Line (35): Page 17, Line (7)

Line (41): Page 18, Line (7)

Line (46): sum of Lines (1) through (43)

The Narragansett Electric Company
Calculation of 2018 Base Transmission Factors
Effective September 1, 2018 through March 31, 2019

	Total	A16/ A60 (a)	C06 (b)	G02 (c)	B32/G32 (d)	B62/G62/X01 (e)	Combined B32/G32 B62/G62/X01 (f)	S05/S06/S10/S14 (g)
(1) Estimated Transmission Expenses	\$208,083,113							
(2) Coincident Peak Allocator	100%	44.75%	9.11%	17.30%	23.48%	5.04%	28.51%	0.32%
(3) Estimated 2018 Transmission Expenses by Rate Class	\$208,083,113	\$93,122,194	\$18,955,935	\$35,998,449	\$48,854,699	\$10,477,300	\$59,331,999	\$674,536
(4) Allocated Estimated 2017 Transmission Expenses	\$212,722,033	\$95,975,112	\$18,976,592	\$36,301,176	\$49,857,577	\$10,734,534	\$60,592,111	\$877,043
(5) Increase/(Decrease)	(\$4,638,920)	(\$2,852,918)	(\$20,656)	(\$302,727)	(\$1,002,878)	(\$257,234)	(\$1,260,112)	(\$202,506)
(6) Percentage Increase/(Decrease)	-2.18%	-2.97%	-0.11%	-0.83%	-2.01%	-2.40%	-2.08%	-23.09%
(7) Forecast 2018 Demand kW	11,305,379			4,601,549	5,576,910	1,126,919	6,703,829	
(8) Forecast kWh for the period April 1, 2018 through March 31, 2019	7,292,662,088	2,952,217,339	598,406,291	1,290,644,353	1,958,411,647	446,170,232	2,404,581,879	46,812,226
(9) Current Transmission kW Charge				\$4.37	\$4.69	\$3.40	\$4.47	
(10) Proposed Transmission kW Charge				\$4.37	\$4.69	\$3.40	\$4.47	
(11) Transmission Expenses to be Recovered on a kW Basis	\$50,074,887			\$20,108,771	\$26,155,707	\$3,831,525	\$29,966,116	
(12) Transmission Expenses to be Recovered on a kWh Basis	\$158,008,226	\$93,122,194	\$18,955,935	\$15,889,677	\$22,698,992	\$6,645,775	\$29,365,883	\$674,536
(13) Proposed Transmission kWh Charge		\$ 0.03154	\$ 0.03167	\$ 0.01231	\$ 0.01159	\$ 0.01489	\$ 0.01221	\$ 0.01440

Columns (a), (b), (c), (d), (e), (g) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-11, Page 1
Column (f) Combination of Columns (d) and (e) - See Line Descriptions below

- (1) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule PVD-1, Page 1, Line (11)
- (2) Columns (a), (b), (c), (d), (e), (g) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-11, Page 2, Column (j); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)
- (3) Line 2 x Total Line 1; Total Column sum of Columns (a), (b), (c), (f), (g)
- (4) per 2017 Electric Retail Rate Filing, RIPUC Docket No 4691 Schedule ASC-11, Page 1 of 2, Line (3); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)
- (5) Line 3 - Line 4; Total Column sum of Columns (a), (b), (c), (f), (g)
- (6) Line 5 ÷ Line 4
- (7) per Company forecast; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)
- (8) per Company forecast; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)
- (9) Columns (a), (b), (c), (d), (e), (g) per 2017 Electric Retail Rate Filing, RIPUC Docket No 4691, Schedule ASC-11, Page 1, Line (10); Column (f) per 2017 Electric Retail Rate Filing, RIPUC Docket No 4691, Schedule ASC-11, Page 1 - rate classes B32/G32 and B62/G62, weighted average of sum of lines (7) and (11)
- (10) Higher of current charge or Line 9 x (1 + Line 6)
- (11) Line 7 x Line 10; Total Column sum of Columns (c) and (f)
- (12) Line 3 - Line 11; Total Column sum of Columns (a), (b), (c), (f), (g)
- (13) Line 12 ÷ Line 8 truncated to five decimal places

The Narragansett Electric Company
Calculation of Transmission Adjustment Factor
Effective September 1, 2018 through March 31, 2019

	A=I6/A60 (a)	C-06 (b)	G-02 (c)	B-32/G-32 (d)	B-62/G-62/X-01 (e)	Combined B-32/G-32 B-62/G-62/X-01 (f)	S-05/S-06/S-10/S-14 (g)
(1) Transmission Over/(Under) Recovery	\$3,852,203	\$2,795,259	\$3,003,933	\$1,927,669	(\$1,062,011)	\$865,658	(\$597,319)
(2) Plus: Estimated Interest During the Refund/Recovery Period	\$64,758	<u>\$46,990</u>	<u>\$50,498</u>	<u>\$32,405</u>	<u>(\$17,853)</u>	<u>\$14,552</u>	<u>(\$10,041)</u>
(3) Total Transmission Over/(Under) Recovery (including interest)	\$3,916,961	\$2,842,249	\$3,054,431	\$1,960,075	(\$1,079,864)	\$880,210	(\$607,360)
(4) Forecasted kWhs During Recovery Period	7,292,662,088	2,952,217,339	1,290,644,353	1,958,411,647	446,170,232	2,404,581,879	46,812,226
(5) Proposed Transmission Adjustment Charge/(Credit)		(\$0.00474)	(\$0.00236)	(\$0.00100)	\$0.00242	(\$0.00036)	\$0.01297

- (1) Columns (a), (b), (c), (d), (e), (g) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, ASC-12, Page 2; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), and (g)
(2) Columns (a), (b), (c), (d), (e), (g) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, ASC-13, Page 2; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), and (g)
(3) Line (1) + Line (2); Total Column sum of Columns (a), (b), (c), (f), and (g)
(4) per Company forecast; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), and (g)
(5) Line 3 ÷ Line 4, truncated to five decimal places

The Narragansett Electric Company
Calculation of Transmission Uncollectible Factor
Effective September 1, 2018 through March 31, 2019

	<u>A16/A60</u> (a)	<u>C06</u> (b)	<u>G02</u> (c)	<u>B32/G32</u> (d)	<u>B62/G62/X01</u> (e)	<u>Combined B32/G32 B62/G62/X01</u> (f)	<u>SL</u> (g)
(1) Estimated Base Transmission Revenue	\$208,083,113	\$18,955,935	\$35,998,449	\$48,854,699	\$10,477,300	\$59,331,999	\$674,536
(2) Transmission Service (Over)/Under Collection	(\$3,916,961)	(\$2,842,249)	(\$3,054,431)	(\$1,960,075)	\$1,079,864	(\$880,210)	\$607,360
(3) Transmission Uncollectible (Over)/Under Collection Balance	\$72,613	\$4,543	\$28,918	\$779	\$2,631	\$3,410	\$617
(4) Total	\$204,238,766	\$16,118,229	\$32,972,936	\$46,895,404	\$11,559,795	\$58,455,199	\$1,282,513
(5) Approved Uncollectible Rate	1.30%						
(6) Estimated Transmission-related Uncollectible Expense	\$2,655,104	\$209,537	\$428,648	\$609,640	\$150,277	\$759,918	\$16,673
(7) Forecasted kWh	7,292,662,088	598,406,291	1,290,644,353	1,958,411,647	446,170,232	2,404,581,879	46,812,226
(8) 2018 Transmission Uncollectible Factor per kWh	\$0.00042	\$0.00035	\$0.00033	\$0.00031	\$0.00033	\$0.00031	\$0.00035
(9) 2017 Transmission Uncollectible Reconciliation Factor	\$0.00001	\$0.00000	\$0.00002	\$0.00000	\$0.00000	\$0.00000	\$0.00001
(10) Transmission Uncollectible Factor effective September 1, 2018 through March 31, 2019	\$0.00043	\$0.00035	\$0.00035	\$0.00031	\$0.00033	\$0.00031	\$0.00036

Columns (a), (b), (c), (d), (e), (f), (g) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, ASC-11, Page 1, Line (3); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)

Columns (a), (b), (c), (d), (e), (f), (g) from 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-13, page 1, line (3); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g)

Columns (a), (b), (c), (d), (e), (f), (g) from 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-15, page 1, Line 14; (3) Column (f) sum of Columns (d) and (e);

(4) Line (1) + Line (2) + Line (3); Total Column sum of Columns (a), (b), (c), (f), (g)
(5) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)

(6) Line (4) x Line (5); Total Column sum of Columns (a), (b), (c), (f), (g)

(7) per Company forecast for the recovery/(refund) period; Total Column sum of Columns (a), (b), (c), (f), (g)

(8) Line (6) ÷ Line (7), truncated to five decimal places

Columns (a), (b), (c), (d), (e), (f), (g) from 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-15, page 1, Line 17; Column (f) per 2017 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-15, Page 1
(9) rate classes B32/G32 and B62/G62, weighted average of sum of lines (15) and (16)
(10) Line (8) + Line (9)

The Narragansett Electric Company
LTCRER Factor Calculation
Effective September 1, 2018 through March 31, 2019

(1) Ending Under-Recovery Balance, Calendar Year 2017	(\$4,922,414)
(2) Interest	(\$35,441)
(3) Ending Balance Including Interest	(\$4,957,855)
(4) Interest During Recovery Period	(\$53,856)
(5) Ending Balance Including Interest During the Recovery Period	(\$5,011,711)
(6) Forecasted kWhs for the period	7,292,662,088
(7) Unadjusted charge per kWh	\$0.00068
(8) Approved Uncollectible Allowance	1.30%
(9) LTC Reconciliation Charge after Adjustment for Uncollectible Allowance	\$0.00068
(10) LTC Recovery Factor Effective July 1, 2018 (prior to Uncollectible Adjustments)	\$0.00572
(11) Approved Uncollectible Allowance	1.30%
(12) LTC Recovery Factor Effective July 1, 2018 after Uncollectible Adjustments	\$0.00579
(13) Combined LTC Factor	\$0.00647

Line Descriptions:

(1) per 2018 Electric Retail Rate Filing, Docket No. 4805. Schedule ASC-18, Page 1, Ending Balance	(7) Line (5) ÷ Line (6), truncated to 5 decimal places
(2) per 2018 Electric Retail Rate Filing, Docket No. 4805. Schedule ASC-18, Page 1, Line (1)	(8) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
(3) Line (1) + Line (2)	(9) Line (7) x 1+Line (8)
(4) 2018 Electric Retail Rate Filing, Docket No. 4805. Schedule ASC-18, Page 2	(10) per LTC Recovery Factor filing, Docket No. 4775. May 2018, Attachment 1, Page 1, Line (6)
(5) Line (3) + Line (4)	(11) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
(6) per Company forecast	(12) Line (10) x 1+Line (11)
	(13) Line (9) + Line (12)

The Narragansett Electric Company
Renewable Energy Growth Program
Renewable Energy Growth Program Factors
Effective September 1, 2018 through September 30, 2018

	Total	Residential A16 / A60 (a)	Small Commercial & Industrial C06 (b)	General Commercial & Industrial G02 (c)	Large Demand B32 / G32 (d)	Large Demand B62 / G62 (e)	Combined B32/G32 B62/G62 (f)	Street Lighting S05/S06 S10/S14 (g)	Electric Propulsion X01 (h)
(1) Projected Annual Renewable Energy Growth Program Cost	\$7,598,773								
(2) Total Rate Base (\$000s)	\$561,738	\$296,490	\$54,542	\$82,460	\$77,651	\$19,545	\$97,196	\$29,286	\$1,764
(3) Percentage of Total (RBA)	100.00%	52.78%	9.71%	14.68%	13.82%	3.48%	17.30%	5.21%	0.31%
(4) Allocated Expense	\$7,598,773	\$4,010,692	\$737,805	\$1,115,458	\$1,050,407	\$264,391	\$1,314,798	\$396,164	\$23,857
(5) Forecasted Number of Bills/Luminaires (FBill)	7,009,440	5,257,356	608,568	98,664	12,696	144	12,840	1,032,000	12
(6) Proposed REG Factor - monthly per bill charge		\$0.76	\$1.21	\$11.30	\$82.73	\$1,836.04	\$102.39	\$0.38	\$1,988.05
(7) Uncollectible Percentage (UP)	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
(8) Proposed RE Growth Factors		\$0.77	\$1.22	\$11.44	\$83.81	\$1,860.22	\$103.73	\$0.38	\$2,014.23

Column Descriptions:

Columns (a), (b), (c), (d), (e), (g) per RE Growth Factor Filing, RIPUC Docket No. 4707, Schedule ASC-2, Page 4

Column (f) Combination of Columns (d) and (e) - See Line Descriptions below

Line Descriptions:

- (1) RE Growth Factor Filing, RIPUC Docket No. 4707, Schedule ASC-2, Page 1, Line (6)
- (2) per RIPUC 4323, Compliance Attachment 3A, (Schedule HSG-1), page 2, line 10; Column (f) sum of Columns (d) and (e)
- (3) Line (2) ÷ Line (2) Total Column; Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (4) Line (1) Total Column x Line (3); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
Company forecast for the period October 1, 2017 through September 30, 2018; for Streetlighting number represents individual fixtures; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (5) Columns (a), (b), (c), (f), (g), (h)
- (6) Line (4) ÷ Line (5), truncated to 2 decimal places
- (7) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
- (8) Line (6) ÷ (1- Line (7)), truncated to 2 decimal places

The Narragansett Electric Company
Renewable Energy Growth Program
RE Growth Cost Recovery Reconciling Factors
Effective September 1, 2018 through September 30, 2018

Factor Calculation	Total	Residential	Small Commercial & Industrial	General Commercial & Industrial	Large Demand	Large Demand	Combined	Street Lighting	Electric
		<u>A16 / A60</u> (a)	<u>C06</u> (b)	<u>G02</u> (c)	<u>B32 / G32</u> (d)	<u>B62 / G62</u> (e)	<u>B62 / G62</u> (f)	<u>S10 / S14</u> (g)	<u>X01</u> (h)
(1) RE Growth Program Year 2017 Cost (Over)/Under Recovery	\$281,221								
(2) Total Rate Base (\$000s)	\$561,738	\$296,490	\$54,542	\$82,460	\$77,651	\$19,545	\$97,196	\$29,286	\$1,764
(3) Rate Base as Percentage of Total (RBA)	100.00%	52.78%	9.71%	14.68%	13.82%	3.48%	17.30%	5.21%	0.31%
(4) Allocated 2017 Program Year (Over)/Under Recovery	\$281,221	\$148,431	\$27,305	\$41,282	\$38,874	\$9,785	\$48,659	\$14,662	\$883
(5) Forecasted Number of Bills/Luminaires (Fbill)	7,009,440	5,257,356	608,568	98,664	12,696	144	12,840	1,032,000	12
(6) Proposed Class-specific RE Growth Reconciling Factor per Month		\$0.02	\$0.04	\$0.41	\$3.06	\$67.94	\$3.78	\$0.01	\$73.57
(7) Proposed Uncollectible Percentage (UP)		1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
(8) Proposed Factor incl. Adjustment for Uncollectible Allowance (X%)		\$0.02	\$0.04	\$0.41	\$3.10	\$68.83	\$3.82	\$0.01	\$74.53

Column Descriptions:

Columns (a), (b), (c), (d), (e), (g) per RE Growth Factor Filing, RIPUC Docket No. 4707, Schedule ASC-3, Page, Section (2)
Column (f) Combination of Columns (d) and (e) - See Line Descriptions below

Line Descriptions:

- (1) RE Growth Factor Filing, Docket No. 4707, Schedule ASC-3, Page 1, Line (5)
- (2) per RIPUC 4323, Compliance Attachment 3A, (Schedule HSG-1), page 2, line 10; Column (f) sum of Columns (d) and (e)
- (3) Line (2) ÷ Line (2) Total Column; Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (4) Line (1) Total Column x Line (3); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
Company forecast for the period October 1, 2017 through September 30, 2018; for Streetlighting number represents individual fixtures; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (5) (b), (c), (f), (g), (h)
- (6) Line (4) ÷ Line (5), truncated to 2 decimal places
- (7) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
- (8) Line (6) ÷ (1- Line (7)), truncated to 2 decimal places

The Narragansett Electric Company
Renewable Energy Growth Program
Combined Monthly RE Growth Cost Recovery Factors
Effective September 1, 2018 through September 30, 2018

	Residential <u>A16 / A60</u> (a)	Small Commercial & Industrial <u>C06</u> (b)	General Commercial & Industrial <u>G02</u> (c)	Large Demand <u>B32 / G32</u> (d)	Large Demand <u>B62 / G62</u> (e)	Combined B32/G32 <u>B62 / G62</u> (f)	Street Lighting S05/S06 <u>S10 / S14</u> (g)	Electric Propulsion <u>X01</u> (h)
(1) RE Growth Factor (Costs for PYE March 2018)	\$0.77	\$1.22	\$11.44	\$83.81	\$1,860.22	\$103.73	\$0.38	\$2,014.23
(2) RE Growth Reconciliation Factor (Costs for PYE March 2017)	<u>\$0.02</u>	<u>\$0.04</u>	<u>\$0.41</u>	<u>\$3.10</u>	<u>\$68.83</u>	<u>\$3.82</u>	<u>\$0.01</u>	<u>\$74.53</u>
(3) Proposed Combined RE Growth Factor	\$0.79	\$1.26	\$11.85	\$86.91	\$1,929.05	\$107.55	\$0.39	\$2,088.76

Line Descriptions:

- (1) Page 14, Line (8)
- (2) Page 15, Line (8)
- (3) Line (1) + Line (2)

The Narragansett Electric Company
Energy Efficiency Factor Calculation
Effective September 1, 2018 through December 31, 2018

(1)	Currently Effective Energy Efficiency Program charge per kWh, excluding uncollectible recovery:	\$0.00960
(2)	Currently Effective System Reliability Factor per kWh, excluding uncollectible recovery:	\$0.00000
(3)	Total Effective Energy Efficiency Charge per kWh, excluding uncollectible recovery:	\$0.00960
(4)	Uncollectible Rate	1.30%
(5)	Energy Efficiency Program charge per kWh, including uncollectible recovery:	\$0.00972
(6)	Renewable Energy Charge	\$0.00030
(7)	Energy Efficiency Charge	\$0.01002

Line Descriptions:

- (1) per Energy Efficiency Program Plan For 2017, Docket No. 4654, Attachment 5, Page 1, Line (9)
- (2) per Energy Efficiency Program Plan For 2017, Docket No. 4654, Attachment 5, Page 1, Line (10)
- (3) per Energy Efficiency Program Plan For 2017, Docket No. 4654, Attachment 5, Page 1, Line (11)
- (4) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
- (5) Line 3 ÷ (1-Line (4)), truncated to 5 decimal places
- (6) Renewable Energy Charge per R.I.G.L. §39-2-1.2
- (7) Line (5) + Line (6)

The Narragansett Electric Company
Calculation Of Standard Offer Service Administrative Cost Factor
For the Period September 1, 2018 through March 31, 2019

	<u>Total</u>	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>
(1) Estimated Commodity Related Uncollectible Expense for 2018	\$4,049,815	\$2,834,510	\$999,564	\$215,741
(2) Estimated Other Administrative Expense for 2018	<u>\$2,260,599</u>	<u>\$1,567,937</u>	<u>\$562,127</u>	<u>\$130,534</u>
(3) Estimated Total Administrative Expense for 2018	\$6,310,414	\$4,402,447	\$1,561,691	\$346,275
(4) Forecasted SOS kWh for the period of April 1, 2018 through March 31, 2019	3,826,025,989	2,618,774,950	957,409,005	249,842,034
(5) Estimated SOS Administrative Cost Factor		\$0.00168	\$0.00163	\$0.00138
(6) SOS Administrative Cost Reconciliation Adjustment Factor		(\$0.00003)	\$0.00000	\$0.00039
(7) SOS Administrative Cost Factor effective September 1, 2018		\$0.00165	\$0.00163	\$0.00177

- (1) from Page 19, line (3)
- (2) fom Page 20, line (4)
- (3) Line 1 + Line 2
- (4) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-3 Revised, Page 2, Line (4)
- (5) Line 3 ÷ Line 4, truncated to 5 decimal places
- (6) per 2018 Electric Retail Rate Filing, RIPUC Docket No 4805, Schedule ASC-7 Revised, Page 1, Lines (5), (10), and (15)
- (7) Line (5) + Line (6)

The Narragansett Electric Company
Calculation Of Standard Offer Service Administrative Cost Factor
For the Period September 1, 2018 through March 31, 2019

	<u>Residential Customer Group</u> (a)	<u>Commercial Customer Group</u> (b)	<u>Industrial Customer Group</u> (c)	Total
(1) Estimated Rate Year Cost/Revenue	\$218,039,202	\$76,889,517	\$16,595,465	\$311,524,185
(2) Uncollectible Rate	<u>1.30%</u>	<u>1.30%</u>	<u>1.30%</u>	
(3) Rate Year Commodity-Related Uncollectible Expense	\$2,834,510	\$999,564	\$215,741	\$4,049,815

(1) per 2018 Electric Annual Retail Rate Filing, RIPUC Docket No. 4805, Schedule ASC-4 Revised, Page 2, Section 1, Columns (c), (f), and (i), Line (13)
(2) per Compliance Attachment 2, Schedule 22, Page 6, Line (15)
(3) Line (1) x Line (2)

The Narragansett Electric Company
Calculation Of Standard Offer Service Administrative Cost Factor
For the Period September 1, 2018 through March 31, 2019

	Total	Residential	Commercial	Industrial
(1) Estimated GIS Cost	\$38,035	\$26,423	\$9,517	\$2,095
(2) Estimated CWC	\$1,970,131	\$1,366,667	\$489,081	\$114,382
(3) Estimate of Other Administrative Costs	<u>\$252,433</u>	<u>\$174,847</u>	<u>\$63,529</u>	<u>\$14,057</u>
(4) Total Other Administrative Expenses	\$2,260,599	\$1,567,937	\$562,127	\$130,534

- (1) per 2018 Electric Annual Retail Rate Filing, RIPUC Docket No. 4805, Schedule ASC-5 Revised, Page 6, column (g), Schedule ASC-5 Revised, Page 7, column (g) and Schedule ASC-5 Revised, Page 8, column (g)
- (2) per 2018 Electric Annual Retail Rate Filing, RIPUC Docket No. 4805, Schedule ASC-6 Revised, Page 2, Lines (15), (14), and (13)
- (3) per 2018 Electric Annual Retail Rate Filing, RIPUC Docket No. 4805, Schedule ASC-5 Revised, Page 6, column (i), Schedule ASC-5 Revised, Page 7, column (i) and Schedule ASC-5 Revised, Page 8, column (i)
- (4) Line (1) + Line (2) + Line (3)

The Narragansett Electric Company
FY19 Operations & Maintenance Factors
Effective September 1, 2018 through March 31, 2019

	Residential A-16/A60 (a)	Small C&I C-06 (b)	General C&I G-02 (c)	200 kW Demand B-32/G-32 (d)	5000 kW Demand B-62/G-62 (e)	Combined Large Demand B32 / G32 B62 / G62 (f)	Lighting S-05 / S-06 S-10 / S-14 (g)	Propulsion X-01 (h)
Total								
(1) FY2019 Forecasted Vegetation Management and Inspection & Maintenance O&M Expense	\$10,772,251							
(2) Operating & Maintenance Expense - Rate Year Allowance (\$000s)	\$35,640	\$3,503	\$5,508	\$5,438	\$1,306	\$6,744	\$2,668	\$102
(3) Percentage of Total	100.00%	48.02%	15.45%	15.26%	3.66%	18.92%	7.49%	0.29%
(4) Allocated Vegetation Management and Inspection & Maintenance O&M Expense	\$10,772,251	\$1,058,788	\$1,664,802	\$1,643,645	\$394,741	\$2,038,386	\$806,408	\$30,830
(5) Forecasted kWh - April 2018 through March 2019	7,292,662,088	2,952,217,339	1,290,644,353	1,958,411,647	422,246,350	2,380,657,997	46,812,226	23,923,882
(6) Vegetation Management and Inspection & Maintenance O&M Expense Factor per kWh	\$0.00175	\$0.00176	\$0.00128	\$0.00083	n/a	\$0.00085	\$0.01722	\$0.00128
(7) Forecasted kW - April 2018 through March 2019					950,923			
(8) Vegetation Management and Inspection & Maintenance O&M Expense Factor per kW	n/a	n/a	n/a	n/a	\$0.41	n/a	n/a	n/a

Columns (a), (b), (c), (d), (e), (g), (h) per FY 2019 Electric Infrastructure, Safety, and Reliability Plan, RIPUC Docket No. 4682, Compliance Section 6: Rate Design, Page 2

- Column (f) Combination of Columns (d) and (e) - See Line Descriptions below per Revised Section 5: Attachment 1S, page 1, line 4, column (b)
- (1) R.I.P.U.C. 4323, Compliance Attachment 3A, (Schedule HSG-1), page 4, line 72
- (2) Line (2) ÷ Line (2) Column (a)
- (3) Line (1) Column (a) x Line (3)
- (4) Company forecasts
- (5) Line (4) ÷ Line (5), truncated to 5 decimal places
- (6) per estimated billing demand in forecasted kWh, and actual hours use for CY 2017
- (7) Line (4) ÷ Line (7), truncated to 2 decimal places

The Narragansett Electric Company
Proposed CapEx Reconciling Factors
For Fiscal Year 2017 ISR Plan
Effective September 1, 2018 through September 30, 2018

	<u>Total</u>	<u>Residential A16 / A60</u> (a)	<u>Small Commercial & Industrial C-06</u> (b)	<u>General Commercial & Industrial G-02</u> (c)	<u>Large Demand B32 / G32</u> (d)	<u>Large Demand B62 / G62</u> (e)	<u>Combined Large Demand B32 / G32 B62 / G62</u> (f)	<u>Street Lighting S05/S06 S10 / S14</u> (g)	<u>Electric Propulsion X01</u> (h)
(1) Actual FY2017 Capital Investment Revenue Requir	\$10,303,388								
(2) Total Rate Base (\$000s)	\$561,738	\$296,490	\$54,542	\$82,460	\$77,651	\$19,545	\$97,196	\$29,286	\$1,764
(3) Rate Base as Percentage of Total	100.00%	52.78%	9.71%	14.68%	13.82%	3.48%	17.30%	5.21%	0.31%
(4) Allocated Actual FY2017 Capital Investment Reven	\$10,303,388	\$5,438,209	\$1,000,410	\$1,512,480	\$1,424,276	\$358,495	\$1,782,772	\$537,170	\$32,348
(5) CapEx Revenue Billed	\$17,507,073	\$9,435,653	\$1,709,223	\$2,630,079	\$2,473,402	\$555,383	\$3,028,786	\$647,114	\$56,218
(6) Total Over Recovery for FY 2017	\$7,203,685	\$3,997,444	\$708,813	\$1,117,599	\$1,049,126	\$196,888	\$1,246,014	\$109,945	\$23,871
(7) Remaining Over (Under) For FY 2015	\$96,576	\$71,407	\$3,936	\$141,442	(\$67,802)	(\$34,333)	(\$102,135)	(\$18,859)	\$785
(8) Total Over (Under) Recovery	\$7,300,261	\$4,068,851	\$712,749	\$1,259,041	\$981,324	\$162,555	\$1,143,879	\$91,086	\$24,656
Forecasted kWhs - October 1, 2017 through (9) September 30, 2018	7,337,969,020	2,998,659,138	595,774,268	1,278,569,621	1,957,175,257	423,715,760	2,380,891,017	60,279,246	23,795,730
(10) Proposed Class-specific CapEx Reconciling Factor (Credit) per kWh		(\$0.00135)	(\$0.00119)	(\$0.00098)	(\$0.00050)	(\$0.00038)	(\$0.00048)	(\$0.00151)	(\$0.00103)

Column Descriptions:

Columns (a), (b), (c), (d), (e), (g) per FY 2017 Electric Infrastructure, Safety, and Reliability Plan Reconciliation Filing, RIPUC Docket No. 4592, Attachment ASC-2, page 1

Column (f) Combination of Columns (d) and (e) - See Line Descriptions below

Line Descriptions:

- (1) Total per FY 2017 Electric Infrastructure, Safety, and Reliability Plan Reconciliation Filing, RIPUC Docket No. 4592, Attachment AM-1, Page 1, Line (15)
- (2) per R.I.P.U.C. 4323, Compliance Attachment 3A, (Schedule HSG-1), page 2, Line (10); Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (3) Line (2) ÷ Line (2) Total Column; Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (4) Line (1) Total Column x Line (3); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (5) per FY 2017 Electric Infrastructure, Safety, and Reliability Plan Reconciliation Filing, RIPUC Docket No. 4592, Attachment ASC-2, page2; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (6) Line (5) - Line (4); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (7) per FY 2017 Electric Infrastructure, Safety, and Reliability Plan Reconciliation Filing, RIPUC Docket No. 4592, Attachment ASC-2, page 3; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (8) Line (6) ÷ Line (7); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (9) per Company forecasts; ; Column (f) sum of Columns (d) and (e); Total Column sum of Columns (a), (b), (c), (f), (g), (h)
- (10) -1 x [Line (8) ÷ Line (9)], truncated to 5 decimal places

The Narragansett Electric Company
Calculation of FY19 Operations & Maintenance Factors
for Back-up Service Rates
Effective September 1, 2018 through March 31, 2019

	200 kW Demand <u>B-32</u> (a)	5000 kW Demand <u>B-62</u> (b)	Combined Large Demand <u>B-32/B-62</u> (c)
<u>Operations & Maintenance Factors</u>			
(1) Allocated Vegetation Management and Inspection & Maintenance O&M Expense	\$1,643,645	\$394,741	\$2,038,386
(2) Forecasted kW - April 2018 through March 2019	3,125,694	950,923	4,076,617
(3) Vegetation Management and Inspection & Maintenance O&M Expense Charge per kW	\$0.52	\$0.41	\$0.50
(4) Discounted O&M kW Factor effective September 1, 2018	\$0.05	\$0.04	\$0.05

- (1) Page 21, Line (4), Columns (d) and (e)
- (2) per estimated billing demand in forecasted kWh, and actual hours use for CY 2017
- (3) Line (1) ÷ Line (2), truncated to 2 decimal places
- (4) Line (3) x .10, truncated to 2 decimal places

**National Grid - RI Gas
Gas Cost Recovery (GCR) Filing
Factors Effective September 1, 2018**

<u>Description</u> (a)	<u>Source</u>		<u>High Load</u> ¹ (d)	<u>Low Load</u> ² (e)
	<u>Reference</u> (b)	<u>Line #</u> (c)		
1 Fixed Cost Factor - \$/dktherm	Dk 4719	Line (18)	\$1.1342	\$1.5517
2 Variable Cost Factor -\$/dktherm	Dk 4719	Line (13)	\$3.5711	\$3.5711
3 Total Gas Cost Recovery Charge- \$/dktherm	(1) + (2)		\$4.7053	\$5.1228
4 Surcharge Factor	Manual Input		\$2.2500	\$2.2500
5 Total Revised Gas Cost Recovery Charge	Line (3) +Line (4)		\$6.9553	\$7.3728
6 Uncollectible %	Compliance Attachment 2, Schedule 22 Page 7	Line 15	1.91%	1.91%
7 Total GCR Charge adjusted for Uncollectibles- \$/dkdtherm	(5) / [1 - (6)]		\$7.0907	\$7.5163
8 GCR Charge on a per therm basis	(7) / 10		\$0.7090	\$0.7516

¹Includes: Residential Non Heating, Large High Load and Extra Large High Load

²Includes: Residential Heating, Small C&I, Medium C&I, Large Low Load, Extra Large Low Load

**National Grid - RI Gas
Summary of DAC Factors**

Section 1: DAC factor (not including annual ISR component) September 1, 2018

Line No.	Description	Reference	Amount	Factor		
				Residential/ Small/ Medium C&I	Large/ X-Large	Residential Low Income
1	System Pressure (SP)	<u>Dk 4708</u>	\$3,153,600	\$0.0079	\$0.0079	\$0.0079
2	Advanced Gas Technology Program (AGT)	<u>Dk 4708</u>	\$0	\$0.0000	\$0.0000	
3	Low Income Discount Recovery Factor (LIDRF)	<u>Attachment 20 Schedule 2</u>	\$4,550,593	\$0.0119	\$0.0119	
4	Environmental Response Cost Factor (ERCF)	<u>Dk 4708</u>	\$967,642	\$0.0024	\$0.0024	\$0.0024
5	Pension Adjustment Factor (PAF)	<u>Dk 4708</u>	(\$4,679,974)	(\$0.0118)	(\$0.0118)	(\$0.0118)
6	On-System Margin Credits (MC)	<u>Dk 4708</u>		\$0.0000	\$0.0000	\$0.0000
7	Reconciliation Factor (R)	<u>Dk 4708</u>	(\$100,990)	\$0.0000	(\$0.0011)	\$0.0000
8	Service Quality Factor (SQP)	<u>Dk 4708</u>	\$0	\$0.0000	\$0.0000	\$0.0000
9	Earnings Sharing Mechanism (ESM)	<u>Dk 4708</u>	<u>\$0</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
10	Subtotal	Sum ([1]-[9])	\$3,890,871	\$0.0104	\$0.0093	(\$0.0015)
11	Uncollectible Percentage	Schedule MAL-22 Pg 7 Line 15	1.91%	1.91%	1.91%	1.91%
12	DAC factors grossed up for uncollectible	[10]/(1-[11])	\$3,966,633	\$0.0106	\$0.0094	(\$0.0015)
13	Revenue Decoupling Adjustment (RDA)	<u>Dk 4708</u>	\$177,598	\$0.0006	\$0.0000	\$0.0006
14	Revenue Decoupling Adjustment Reconciliation	<u>Dk 4708</u>	\$298,047	\$0.0010	\$0.0000	\$0.0010
15	DAC factor	[12]+[13]+[14]	\$4,442,277	\$0.0122	\$0.0094	\$0.0001

Section 2: DAC factors including annual ISR component

Line No.	ISR Reconciliation w/o uncollectible ¹ (therms)	Uncollectible Percentage ²	ISR Reconciliation* (therms) (A)	Base DAC Component* ³ (therms) (B)	DAC Component Subtotal Rates* (therms) (C) =(A) + (B)	ISR Component* (therms) (D)	Sep 1 2018 DAC Rates* (therms) (E) = (C)+(D)
16	Res-NH	\$0.0465	1.91%	\$0.0474	\$0.0122	\$0.0596	\$0.0596
17	Res-NH-LI	\$0.0465	1.91%	\$0.0474	\$0.0001	\$0.0475	\$0.0475
18	Res-H	\$0.0202	1.91%	\$0.0205	\$0.0122	\$0.0327	\$0.0327
19	Res-H-LI	\$0.0202	1.91%	\$0.0205	\$0.0001	\$0.0206	\$0.0206
20	Small	\$0.0299	1.91%	\$0.0304	\$0.0122	\$0.0426	\$0.0426
21	Medium	\$0.0195	1.91%	\$0.0198	\$0.0122	\$0.0320	\$0.0320
22	Large LL	\$0.0161	1.91%	\$0.0164	\$0.0094	\$0.0258	\$0.0258
23	Large HL	\$0.0120	1.91%	\$0.0122	\$0.0094	\$0.0216	\$0.0216
24	XL-LL	\$0.0021	1.91%	\$0.0021	\$0.0094	\$0.0115	\$0.0115
25	XL-HL	\$0.0006	1.91%	\$0.0006	\$0.0094	\$0.0100	\$0.0100

***Factors Include Uncollectible Allowance**

¹ Docket 4708

² Attachment 2 Schedule 22 Pg 7 Line 15

³ Section 1, Line 15

**Table G-1
National Grid
Gas DSM Funding Sources in 2018 by Sector
\$(000)**

	<u>Projections by Sector</u>			Total
	Income Eligible Residential	Non-Income Eligible Residential	Commercial & Industrial	
(1) Projected Budget (from G-2):	\$6,722.6	\$13,403.9	\$7,954.4	\$28,080.9
Sources of Other Funding:				
(2) Estimated Year-End 2017 Fund Balance and Interest:	\$844.82	(\$2,240.5)	\$694.5	(\$701.1)
(3) Low Income Weatherization in Base Rates:	<u>\$200.00</u>			<u>\$200.00</u>
(4) Total Other Funding:	\$1,044.8	(\$2,240.5)	\$694.5	(\$501.1)
(5) Customer Funding Required:	\$5,677.8	\$15,644.4	\$7,259.9	\$28,582.1
(6) Forecasted Firm Dth Sales	1,472,733	17,914,287	20,035,568	39,422,588
(7) Forecasted Non Firm Dth Sales			169,933	169,933
(8) Less: Exempt DG Customers			(1,371,214)	(1,371,214)
(9) Forecasted Dth Sales:	1,472,733	17,914,287	18,834,287	38,221,307
Average Energy Efficiency Program Charge per Dth excluding				
(10) Uncollectible Recovery:				\$0.747
Energy Efficiency Program Charge per Dth excluding				
(11) Uncollectible Recovery Approved in Docket No. RIPUC No. 4755	\$0.842	\$0.842	\$0.650	
(12) Effective Uncollectible Rate per Docket No. 4770	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>	
Proposed Energy Efficiency Program Charge per Dth				
(13) including Uncollectible Recovery effective September 1, 2018:	\$0.858	\$0.858	\$0.662	
(14) Currently Effective Energy Efficiency Program Charge per Dth	\$0.888	\$0.888	\$0.726	
(15) Adjustment to Reflect Fully Reconciling Funding Mechanism	(\$0.030)	(\$0.030)	(\$0.064)	

Notes

(1) Projected Budget from G-2 includes OER and EERMC costs allocated to each sector based on forecasted sales.

(2) Fund Balance projections include projected revenue and spend through year-end with Residential and C&I sector subsidies applied to Income Eligible as detailed in the 2017 EE Plan Table G-1.

(11) As agreed to by the settling parties, the proposed EE program charges allow for the use of collections from one sector to fund energy efficiency services in other sectors that would otherwise not be supported with the proposed collection rates. The C&I charge includes collection of \$4,998.3 of which \$4,437.8 will be allocated to the low income sector and \$560.5 to the residential sector.

(12) Uncollectible Rate per RIPUC Docket No. 4770 Compliance Attachment 2 Schedule 22 Page 7 Line 15 .