

March 1, 2018

**BY HAND DELIVERY AND ELECTRONIC MAIL**

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

**RE: Docket 4783 - Proposed FY 2019 Electric Infrastructure, Safety, Reliability Plan  
Responses to PUC Data Requests – Set 3**

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I have enclosed ten (10) copies of the Company's response to PUC Data Request 3-1 in the Rhode Island Public Utilities Commission's Third Set of Data Requests in the above-referenced docket. The Company received a one-day extension to file its responses to Data Requests 3-2 and 3-3 and will file these responses with the PUC on March 2, 2018.

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

Very truly yours,



**Raquel J. Webster**

Enclosures

cc: Docket 4783 Service List  
Greg Booth, Division  
Leo Wold, Esq.  
Al Contente, Division

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

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4783  
In Re: Electric Infrastructure, Safety, and Reliability Plan FY2019  
Responses to the Commission's Third Set of Data Requests  
Issued on February 16, 2018

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PUC 3-1

Request:

Referring to the response to Division 2-1, please provide updated factors to reflect the impact of Tax Cuts and Jobs Act of 2017. Please also provide updated bill impacts.

Response:

Please see Attachment PUC 3-1-1, which includes recalculated CapEx Factors derived from the updated Revenue Requirement provided in Attachment DIV 2-1-1. Please also see Attachment PUC 3-1-2, which provides the updated proposed bill impacts resulting from these recalculated factors.

In Attachment PUC 3-1-2, the Company is reflecting currently effective rates, which is an update from what was presented in the Company's initial filing, which presented rates effective in December 2017. The Company's Long Term Contracting for Renewable Energy Recovery Factor changed effective January 1, 2018, and its Energy Efficiency Program Charge changed effective January 11, 2018.

The Narragansett Electric Company  
d/b/a National Grid  
FY2019 Electric Infrastructure, Safety,  
and Reliability Plan  
Attachment PUC 3-1-1  
Page 1 of 4

The Narragansett Electric Company  
Infrastructure, Safety and Reliability Plan Factors  
Summary of Proposed Factors  
Effective April 1, 2018 - March 31, 2019

	Residential <u>A-16 / A-60</u> (a)	Small C&I <u>C-06</u> (b)	General C&I <u>G-02</u> (c)	200 kW Demand <u>B-32</u> (d)	200 kW Demand <u>G-32</u> (e)	5000 kW Demand <u>B-62</u> (f)	5000 kW Demand <u>G-62</u> (g)	Lighting S-05 / S-06 <u>S-10 / S-14</u> (h)	Propulsion <u>X-01</u> (i)
(1) O&M Factor per kWh	\$0.00193	\$0.00195	\$0.00142	\$0.00092	\$0.00092	n/a	n/a	\$0.01898	\$0.00142
(2) O&M Factor per kW	n/a	n/a	n/a	n/a	n/a	n/a	\$0.45	n/a	n/a
(3) Back-Up Service O&M Factor per kW	n/a	n/a	n/a	\$0.05	n/a	\$0.04	n/a	n/a	n/a
(4) CapEx kWh Factor	\$0.00360	\$0.00327	n/a	n/a	n/a	n/a	n/a	\$0.02247	\$0.00264
(5) CapEx kW Factor	n/a	n/a	\$0.81	\$0.89	\$0.89	\$0.73	\$0.73	n/a	n/a
(6) Back-Up Service CapEx kW Factor	n/a	n/a	n/a	\$0.09	n/a	\$0.07	n/a	n/a	n/a

- (1) Page 2, Line (6); Column (d) applicable to supplemental kWh deliveries only  
(2) Page 2, Column (f), Line (8)  
(3) Page 4, Line (4)  
(4) Page 3, Line (6)  
(5) Columns (c), through (g): Page 3, Line (8); Columns (d) and (f): applicable to supplemental service only  
(6) Page 4, Line (6)

The Narragansett Electric Company  
Proposed FY19 Operations & Maintenance Factors  
Effective April 1, 2018 - March 31, 2019

	<u>Total</u> (a)	<u>Residential</u> A-16 / A60 (b)	<u>Small C&amp;I</u> C-06 (c)	<u>General C&amp;I</u> G-02 (d)	<u>200 kW Demand</u> B-32 / G-32 (e)	<u>5000 kW Demand</u> B-62 / G-62 (f)	<u>Lighting</u> S-05 / S-06 S-10 / S-14 (g)	<u>Propulsion</u> X-01 (h)
(1) FY2019 Forecasted Vegetation Management and Inspection & Maintenance O&M Expense	\$11,872,251							
(2) Operating & Maintenance Expense - Rate Year Allowance (\$000s)	\$35,640	\$17,115	\$3,503	\$5,508	\$5,438	\$1,306	\$2,668	\$102
(3) Percentage of Total	100.00%	48.02%	9.83%	15.45%	15.26%	3.66%	7.49%	0.29%
(4) Allocated Vegetation Management and Inspection & Maintenance O&M Expense	\$11,872,251	\$5,701,279	\$1,166,905	\$1,834,802	\$1,811,484	\$435,049	\$888,753	\$33,978
(5) Forecasted kWh - April 2018 through March 2019	7,292,662,088	2,952,217,339	598,406,291	1,290,644,353	1,958,411,647	422,246,350	46,812,226	23,923,882
(6) Vegetation Management and Inspection & Maintenance O&M Expense Factor per kWh		\$0.00193	\$0.00195	\$0.00142	\$0.00092	n/a	\$0.01898	\$0.00142
(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	\$0.45	n/a	n/a

- (1) per Attachment DIV 2-1-1, Page 1, Line 5 column (b)  
(2) R.I.P.U.C. 4323, Compliance Attachment 3A, (Schedule HSG-1), page 4, line 72  
(3) Line (2) ÷ Line (2) Column (a)  
(4) Line (1) Column (a) x Line (3)  
(5) Company forecasts  
(6) Line (4) ÷ Line (5), truncated to 5 decimal places  
(7) per estimated billing demand in forecasted kWh, and actual hours use for CY 2017  
(8) Line (4) ÷ Line (7), truncated to 2 decimal places

The Narragansett Electric Company  
Proposed FY19 CapEx Factors  
Effective April 1, 2018 - March 31, 2019

	Total (a)	Residential <u>A-16 / A-60</u> (b)	Small C&I <u>C-06</u> (c)	General C&I <u>G-02</u> (d)	200 kW Demand <u>B-32 / G-32</u> (e)	5000 kW Demand <u>B-62 / G-62</u> (f)	Lighting S-05 / S-06 <u>S-10 / S-14</u> (g)	Propulsion <u>X-01</u> (h)
(1) Proposed FY2019 Capital Investment Component of Revenue Requirement	\$20,184,153							
(2) Total Rate Base (\$000s)	\$561,738	\$296,490	\$54,542	\$82,460	\$77,651	\$19,545	\$29,286	\$1,764
(3) Percentage of Total	100.00%	52.78%	9.71%	14.68%	13.82%	3.48%	5.21%	0.31%
(4) Allocated Proposed Revenue Requirement	\$20,184,153	\$10,653,346	\$1,959,784	\$2,962,920	\$2,790,130	\$702,285	\$1,052,305	\$63,383
(5) Forecasted kWh - April 2018 through March 2019	7,292,662,088	2,952,217,339	598,406,291	1,290,644,353	1,958,411,647	422,246,350	46,812,226	23,923,882
(6) Proposed CapEx Factor - per kWh		\$0.00360	\$0.00327	n/a	n/a	n/a	\$0.02247	\$0.00264
(7) Forecasted kW - April 2018 through March 2019				3,620,514	3,125,694	950,923		
(8) Proposed CapEx Factor - per kW		n/a	n/a	\$0.81	\$0.89	\$0.73	n/a	n/a

- (1) per Attachment DIV 2-1-1, Page 1, Line 20 column (b)  
(2) R.I.P.U.C. 4323, Compliance Attachment 3A, (Schedule HSG-1), Page 2, Line (10)  
(3) Line (2) ÷ Line (2) Column (a)  
(4) Line (1), Column (a) x Line (3)  
(5) per Company forecast  
(6) Line (4) ÷ Line (5), truncated to 5 decimal places  
(7) per estimated billing demand in forecasted kWh, and actual hours use for CY 2017  
(8) Line (4) ÷ Line (7), truncated to 2 decimal places  
Note: charges apply to kW>10 for rate class G-02 and kW>200 for rate class B-32/G-32

The Narragansett Electric Company  
Calculation of Operations & Maintenance and CapEx Factors and  
Base Distribution Charge for Back-up Service Rates

	200 kW Demand <u>B-32</u> (a)	5000 kW Demand <u>B-62</u> (b)
<u>Operations &amp; Maintenance Factors</u>		
(1) Allocated Vegetation Management and Inspection & Maintenance O&M Expense	\$1,811,484	\$435,049
(2) Forecasted kW - April 2018 through March 2019	3,125,694	950,923
Vegetation Management and Inspection & Maintenance O&M Expense		
(3) Charge per kW	\$0.57	\$0.45
(4) Discounted O&M kW Factor effective April 1, 2018	\$0.05	\$0.04
<u>CapEx Factors</u>		
(5) Proposed CapEx kW Factor effective April 1, 2018	\$0.89	\$0.73
(6) Discounted CapEx kW Factor effective April 1, 2018	\$0.09	\$0.07

- (1) Page 2, Line (4)
- (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
- (5) Page 3, Line (8)
- (6) Line (5) x .10, truncated to 2 decimal places

**Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-16 Rate Customers**

Monthly kWh (a)	Present Rates			Proposed Rates			\$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage of Customers (n)		
	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)		GET (l)	Total (m)
150	\$20.36	\$14.27	\$1.44	\$36.07	\$20.52	\$14.27	\$1.45	\$36.24	\$0.16	\$0.00	\$0.01	\$0.17	0.4%	0.0%	0.0%	0.5%	30.1%
300	\$34.14	\$28.55	\$2.61	\$65.30	\$34.45	\$28.55	\$2.63	\$65.63	\$0.31	\$0.00	\$0.02	\$0.33	0.5%	0.0%	0.0%	0.5%	12.9%
400	\$43.32	\$38.06	\$3.39	\$84.77	\$43.73	\$38.06	\$3.41	\$85.20	\$0.41	\$0.00	\$0.02	\$0.43	0.5%	0.0%	0.0%	0.5%	11.6%
500	\$52.51	\$47.58	\$4.17	\$104.26	\$53.02	\$47.58	\$4.19	\$104.79	\$0.51	\$0.00	\$0.02	\$0.53	0.5%	0.0%	0.0%	0.5%	9.6%
600	\$61.69	\$57.09	\$4.95	\$123.73	\$62.30	\$57.09	\$4.97	\$124.36	\$0.61	\$0.00	\$0.02	\$0.63	0.5%	0.0%	0.0%	0.5%	7.7%
700	\$70.87	\$66.61	\$5.73	\$143.21	\$71.59	\$66.61	\$5.76	\$143.96	\$0.72	\$0.00	\$0.03	\$0.75	0.5%	0.0%	0.0%	0.5%	19.0%
1,200	\$116.79	\$114.18	\$9.62	\$240.59	\$118.01	\$114.18	\$9.67	\$241.86	\$1.22	\$0.00	\$0.05	\$1.27	0.5%	0.0%	0.0%	0.5%	6.8%
2,000	\$190.25	\$190.30	\$15.86	\$396.41	\$192.29	\$190.30	\$15.94	\$398.53	\$2.04	\$0.00	\$0.08	\$2.12	0.5%	0.0%	0.0%	0.5%	2.3%

Present Rates as of 1/11/18		Proposed Rates	
(o)	(p)		
(1) Distribution Customer Charge	\$5.00		Customer Charge
(2) LIHEAP Enhancement Charge	\$0.81		LIHEAP Enhancement Charge
(3) Renewable Energy Growth Charge	\$0.78		RE Growth Program
(4) Distribution Charge (per kWh)	\$0.03664		
(5) Operating & Maintenance Expense Charge	\$0.00163		
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)		
(7) CapEx Factor Charge	\$0.00288		
(8) CapEx Reconciliation Factor	(\$0.00135)		
(9) Revenue Decoupling Adjustment Factor	\$0.00118		Distribution Energy Charge
(10) Pension Adjustment Factor	(\$0.00085)		
(11) Storm Fund Replenishment Factor	\$0.00288		
(12) Long-term Contracting for Renewable Energy Charge	\$0.00622		Renewable Energy Distribution Charge
(13) Net Metering Charge	\$0.00023		
(14) Base Transmission Charge	\$0.03169		
(15) Transmission Adjustment Factor	(\$0.00029)		Transmission Charge
(16) Transmission Uncollectible Factor	\$0.00039		
(17) Base Transition Charge	\$0.00009		Transition Charge
(18) Transition Adjustment	\$0.00048		
(19) Energy Efficiency Program Charge	\$0.01002		Energy Efficiency Programs
(20) Standard Offer Service Base Charge	\$0.09792		
(21) SOS Adjustment Factor	(\$0.00465)		
(22) SOS Administrative Cost Adjustment Factor	\$0.00148		Supply Services Energy Charge
(23) Renewable Energy Standard Charge	\$0.00040		
Line Item on Bill			
(24) Customer Charge	\$5.00		
(25) LIHEAP Enhancement Charge	\$0.81		
(26) RE Growth Program	\$0.78		
(27) Transmission Charge	\$0.03179		
(28) Distribution Energy Charge	\$0.04300		
(29) Transition Charge	\$0.00057		
(30) Energy Efficiency Programs	\$0.01002		
(31) Renewable Energy Distribution Charge	\$0.00645		
(32) Supply Services Energy Charge	\$0.09515		

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2018, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018

Column (p):

Lines (1) through (4), (6), (8) through (19): Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2005, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff R.I.P.U.C. No. 2006, effective 1/1/2018

Line (5): Proposed Operating & Maintenance Expense Charge per Attachment PUC 3-1-1, Page 1, Line (1), Column (a)

Line (7) Proposed CapEx Factor Charge per Attachment PUC 3-1-1, Page 1, Line (4), Column (a)

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to A-60 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage of Customers (n)
	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)	
150	\$13.34	\$14.27	\$1.15	\$28.76	\$13.50	\$14.27	\$1.16	\$28.93	\$0.16	\$0.00	\$0.01	\$0.17	0.6%	0.0%	0.0%	0.6%	32.1%
300	\$25.10	\$28.55	\$2.24	\$55.89	\$25.40	\$28.55	\$2.25	\$56.20	\$0.30	\$0.00	\$0.01	\$0.31	0.5%	0.0%	0.0%	0.6%	15.4%
400	\$32.93	\$38.06	\$2.96	\$73.95	\$33.34	\$38.06	\$2.98	\$74.38	\$0.41	\$0.00	\$0.02	\$0.43	0.6%	0.0%	0.0%	0.6%	12.5%
500	\$40.77	\$47.58	\$3.68	\$92.03	\$41.28	\$47.58	\$3.70	\$92.56	\$0.51	\$0.00	\$0.02	\$0.53	0.6%	0.0%	0.0%	0.6%	9.6%
600	\$48.61	\$57.09	\$4.40	\$110.10	\$49.22	\$57.09	\$4.43	\$110.74	\$0.61	\$0.00	\$0.03	\$0.64	0.6%	0.0%	0.0%	0.6%	7.2%
700	\$56.44	\$66.61	\$5.13	\$128.18	\$57.16	\$66.61	\$5.16	\$128.93	\$0.72	\$0.00	\$0.03	\$0.75	0.6%	0.0%	0.0%	0.6%	16.4%
1,200	\$95.62	\$114.18	\$8.74	\$218.54	\$96.85	\$114.18	\$8.79	\$219.82	\$1.23	\$0.00	\$0.05	\$1.28	0.6%	0.0%	0.0%	0.6%	5.2%
2,000	\$158.31	\$190.30	\$14.53	\$363.14	\$160.35	\$190.30	\$14.61	\$365.26	\$2.04	\$0.00	\$0.08	\$2.12	0.6%	0.0%	0.0%	0.6%	1.6%

Present Rates as of 1/1/18  
(o)

Proposed Rates  
(p)

Line Item on Bill

(1) Distribution Customer Charge	\$0.00	\$0.00
(2) LIHEAP Enhancement Charge	\$0.81	\$0.81
(3) Renewable Energy Growth Charge	\$0.78	\$0.78
(4) Distribution Charge (per kWh)	\$0.02317	\$0.02317
(5) Operating & Maintenance Expense Charge	\$0.00163	\$0.00193
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)
(7) FY18 CapEx Factor Charge	\$0.00288	\$0.00360
(8) CapEx Reconciliation Factor	(\$0.00135)	(\$0.00135)
(9) Revenue Decoupling Adjustment Factor	\$0.00118	\$0.00118
(10) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(12) Long-term Contracting for Renewable Energy Charge	\$0.00622	\$0.00622
(13) Net Metering Charge	\$0.00023	\$0.00023
(14) Base Transmission Charge	\$0.03169	\$0.03169
(15) Transmission Adjustment Factor	(\$0.00029)	(\$0.00029)
(16) Transmission Uncollectible Factor	\$0.00039	\$0.00039
(17) Base Transition Charge	\$0.00009	\$0.00009
(18) Transition Adjustment	\$0.00048	\$0.00048
(19) Energy Efficiency Program Charge	\$0.01002	\$0.01002
(20) Standard Offer Service Base Charge	\$0.09792	\$0.09792
(21) SOS Adjustment Factor	(\$0.00465)	(\$0.00465)
(22) SOS Administrative Cost Adjustment Factor	\$0.00148	\$0.00148
(23) Renewable Energy Standard Charge	\$0.00040	\$0.00040

Line Item on Bill

(24) Customer Charge	\$0.00	\$0.00
(25) LIHEAP Enhancement Charge	\$0.81	\$0.81
(26) RE Growth Program	\$0.78	\$0.78
(27) Transmission Charge	\$0.03179	\$0.03179
(28) Distribution Energy Charge	\$0.02953	\$0.03055
(29) Transition Charge	\$0.00057	\$0.00057
(30) Energy Efficiency Programs	\$0.01002	\$0.01002
(31) Renewable Energy Distribution Charge	\$0.00645	\$0.00645
(32) Supply Services Energy Charge	\$0.09515	\$0.09515

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2005 effective 1/1/2018, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2006, effective 1/1/2018  
Column (p):  
Lines (1) through (4), (6), (8) through (19): Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2005, effective 1/1/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2006, effective 1/1/2018  
Line (5): Proposed Operating & Maintenance Expense Charge per Attachment PUC 3-1-1, Page 1, Line (1), Column (a)  
Line (7) Proposed CapEx Factor Charge per Attachment PUC 3-1-1, Page 1, Line (4), Column (a)





Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

KW	Monthly Power Hours Use	Present Rates				Proposed Rates				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
		Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)
20	200	\$434.74	\$374.00	\$33.70	\$842.44	\$436.94	\$374.00	\$33.79	\$844.73	\$2.20	\$0.00	\$0.09	\$2.29	0.3%	0.0%	0.0%	0.3%
50	200	\$948.16	\$935.00	\$78.47	\$1,961.63	\$955.76	\$935.00	\$78.78	\$1,969.54	\$7.60	\$0.00	\$0.31	\$7.91	0.4%	0.0%	0.0%	0.4%
100	200	\$1,803.86	\$1,870.00	\$153.08	\$3,826.94	\$1,820.46	\$1,870.00	\$153.77	\$3,844.23	\$16.60	\$0.00	\$0.69	\$17.29	0.4%	0.0%	0.0%	0.5%
150	200	\$2,659.56	\$2,805.00	\$227.69	\$5,692.25	\$2,685.16	\$2,805.00	\$228.76	\$5,718.92	\$25.60	\$0.00	\$1.07	\$26.67	0.4%	0.0%	0.0%	0.5%
20	300	\$506.98	\$561.00	\$44.50	\$1,112.48	\$509.58	\$561.00	\$44.61	\$1,115.19	\$2.60	\$0.00	\$0.11	\$2.71	0.2%	0.0%	0.0%	0.2%
50	300	\$1,128.76	\$1,402.50	\$105.47	\$2,636.73	\$1,137.36	\$1,402.50	\$105.83	\$2,645.69	\$8.60	\$0.00	\$0.36	\$8.96	0.3%	0.0%	0.0%	0.3%
100	300	\$2,165.06	\$2,805.00	\$207.09	\$5,177.15	\$2,183.66	\$2,805.00	\$207.86	\$5,196.52	\$18.60	\$0.00	\$0.77	\$19.37	0.4%	0.0%	0.0%	0.4%
150	300	\$3,201.36	\$4,207.50	\$308.70	\$7,717.56	\$3,229.96	\$4,207.50	\$309.89	\$7,747.35	\$28.60	\$0.00	\$1.19	\$29.79	0.4%	0.0%	0.0%	0.4%
20	400	\$579.22	\$748.00	\$55.30	\$1,382.52	\$582.22	\$748.00	\$55.43	\$1,385.65	\$3.00	\$0.00	\$0.13	\$3.13	0.2%	0.0%	0.0%	0.2%
50	400	\$1,309.36	\$1,870.00	\$132.47	\$3,311.83	\$1,318.96	\$1,870.00	\$132.87	\$3,321.83	\$9.60	\$0.00	\$0.40	\$10.00	0.3%	0.0%	0.0%	0.3%
100	400	\$2,526.26	\$3,740.00	\$261.09	\$6,527.35	\$2,546.86	\$3,740.00	\$261.95	\$6,548.81	\$20.60	\$0.00	\$0.86	\$21.46	0.3%	0.0%	0.0%	0.3%
150	400	\$3,743.16	\$5,610.00	\$389.72	\$9,742.88	\$3,774.76	\$5,610.00	\$391.03	\$9,775.79	\$31.60	\$0.00	\$1.31	\$32.91	0.3%	0.0%	0.0%	0.3%
20	500	\$651.46	\$935.00	\$66.10	\$1,652.56	\$654.86	\$935.00	\$66.24	\$1,656.10	\$3.40	\$0.00	\$0.14	\$3.54	0.2%	0.0%	0.0%	0.2%
50	500	\$1,489.96	\$2,337.50	\$159.48	\$3,986.94	\$1,500.56	\$2,337.50	\$159.92	\$3,997.98	\$10.60	\$0.00	\$0.44	\$11.04	0.3%	0.0%	0.0%	0.3%
100	500	\$2,887.46	\$4,675.00	\$315.10	\$7,877.56	\$2,910.06	\$4,675.00	\$316.04	\$7,901.10	\$22.60	\$0.00	\$0.94	\$23.54	0.3%	0.0%	0.0%	0.3%
150	500	\$4,284.96	\$7,012.50	\$470.73	\$11,768.19	\$4,319.56	\$7,012.50	\$472.17	\$11,804.23	\$34.60	\$0.00	\$1.44	\$36.04	0.3%	0.0%	0.0%	0.3%
20	600	\$725.70	\$1,122.00	\$76.90	\$1,922.60	\$727.50	\$1,122.00	\$77.06	\$1,926.56	\$3.80	\$0.00	\$0.16	\$3.96	0.2%	0.0%	0.0%	0.2%
50	600	\$1,670.56	\$2,805.00	\$186.48	\$4,662.04	\$1,682.16	\$2,805.00	\$186.97	\$4,674.13	\$11.60	\$0.00	\$0.49	\$12.09	0.2%	0.0%	0.0%	0.3%
100	600	\$3,248.66	\$5,610.00	\$369.11	\$9,227.77	\$3,273.26	\$5,610.00	\$370.14	\$9,253.40	\$24.60	\$0.00	\$1.03	\$25.63	0.3%	0.0%	0.0%	0.3%
150	600	\$4,826.76	\$8,415.00	\$551.74	\$13,793.50	\$4,864.36	\$8,415.00	\$553.31	\$13,832.67	\$37.60	\$0.00	\$1.57	\$39.17	0.3%	0.0%	0.0%	0.3%

Present Rates as of 1/1/18

Proposed Rates

	(o)		(p)		Line Item on Bill
	Present	Proposed	Present	Proposed	
(1) Distribution Customer Charge	\$135.00	\$135.00			Customer Charge
(2) LIHEAP Enhancement Charge	\$0.81	\$0.81			LIHEAP Enhancement Charge
(3) Renewable Energy Growth Charge	\$11.85	\$11.85			RE Growth Program
(4) Base Distribution Demand Charge (per kW > 10kW)	\$4.85	\$4.85			Distribution Demand Charge
(5) Distribution Charge (per kWh)	\$0.00468	\$0.00468			
(6) Operating & Maintenance Expense Charge	\$0.00122	\$0.00142			
(7) Operating & Maintenance Expense Reconciliation Factor	(\$0.00001)	(\$0.00001)			
(8) CapEx Factor Demand Charge (per kW > 10kW)	\$0.67	\$0.81			Distribution Energy Charge
(9) CapEx Reconciliation Factor	(\$0.00098)	(\$0.00098)			
(10) Revenue Decoupling Adjustment Factor	\$0.00118	\$0.00118			
(11) Pension Adjustment Factor	(\$0.00085)	(\$0.00085)			
(12) Storm Fund Replenishment Factor	\$0.00288	\$0.00288			
(13) Long-term Contracting for Renewable Energy Charge	\$0.00622	\$0.00622			Renewable Energy Distribution Charge
(14) Net Metering Charge	\$0.00023	\$0.00023			Transmission Demand Charge
(15) Transmission Demand Charge	\$4.37	\$4.37			
(16) Base Transmission Charge	\$0.01269	\$0.01269			
(17) Transmission Adjustment Factor	(\$0.00205)	(\$0.00205)			Transmission Adjustment
(18) Transmission Uncollectible Factor	\$0.00032	\$0.00032			
(19) Base Transition Charge	\$0.00009	\$0.00009			Transition Charge
(20) Transition Adjustment	\$0.00048	\$0.00048			
(21) Energy Efficiency Program Charge	\$0.01002	\$0.01002			Energy Efficiency Programs
(22) Standard Offer Service Base Charge	\$0.09492	\$0.09492			
(23) SOS Adjustment Factor	(\$0.00304)	(\$0.00304)			
(24) SOS Administrative Cost Adjustment Factor	\$0.00122	\$0.00122			Supply Services Energy Charge
(25) Renewable Energy Standard Charge	\$0.00040	\$0.00040			

Line Item on Bill

(26) Customer Charge	\$135.00
(28) LIHEAP Enhancement Charge	\$0.81
(27) RE Growth Program	\$11.85
(29) Transmission Adjustment	\$0.01096
(30) Distribution Energy Charge	\$0.00812
(31) Distribution Demand Charge	\$3.52
(32) Transmission Demand Charge	\$4.37
(31) Transition Charge	\$0.00057
(32) Energy Efficiency Programs	\$0.01002
(33) Renewable Energy Distribution Charge	\$0.00645
(34) Supply Services Energy Charge	\$0.09350

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2019 effective 1/1/2018, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2019 effective 1/1/2018

Column (o):

Lines (1) through (5), (7), (9) through (21): Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2019 effective 1/1/2018, Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2019 effective 1/1/2018

Line (6): Proposed Operating & Maintenance Expense Charge per Attachment PUC 3-1-1, Page 1, Line (1), Column (g)

Line (8) Proposed CapEx Factor Demand Charge per Attachment PUC 3-1-1, Page 1, Line (5), Column (e)

The Narragansett Electric Company  
d/b/a National Grid  
FY2019 Electric Infrastructure, Safety,  
and Reliability Plan  
Attachment PUC 3-1-2  
Page 5 of 6

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to C-3.2 Rate Customers

Monthly Power			Present Rates			Proposed Rates			\$ Increase (Decrease)			Increase (Decrease) % of Total Bill		
kW	Hours Use	kWh	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)
200	200	40,000	\$3,341.47	\$3,772.40	\$296.41	\$7,410.28	\$3,346.67	\$3,772.40	\$296.63	\$7,415.70	\$5.20	\$0.00	\$0.22	\$5.42
750	200	150,000	\$12,446.17	\$14,146.50	\$1,088.03	\$27,700.70	\$12,564.67	\$14,146.50	\$1,112.97	\$27,824.14	\$118.50	\$0.00	\$4.94	\$123.44
1,000	200	200,000	\$16,584.67	\$18,862.00	\$1,476.94	\$36,923.61	\$16,754.67	\$18,862.00	\$1,484.03	\$37,100.70	\$170.00	\$0.00	\$7.09	\$177.09
1,500	200	300,000	\$24,861.67	\$28,293.00	\$2,214.78	\$55,369.45	\$25,134.67	\$28,293.00	\$2,226.15	\$55,653.82	\$273.00	\$0.00	\$11.37	\$284.37
2,500	200	500,000	\$41,415.67	\$47,155.00	\$3,690.44	\$92,261.11	\$41,894.67	\$47,155.00	\$3,710.40	\$92,760.07	\$479.00	\$0.00	\$19.96	\$298.96
200	300	60,000	\$4,086.87	\$5,658.60	\$406.06	\$10,151.53	\$4,094.67	\$5,658.60	\$406.39	\$10,159.66	\$7.80	\$0.00	\$0.33	\$8.13
750	300	225,000	\$15,241.42	\$21,219.75	\$1,519.22	\$37,980.39	\$15,369.67	\$21,219.75	\$1,524.56	\$38,113.98	\$128.25	\$0.00	\$5.34	\$133.59
1,000	300	300,000	\$20,311.67	\$28,293.00	\$2,025.19	\$50,629.86	\$20,494.67	\$28,293.00	\$2,032.82	\$50,820.49	\$183.00	\$0.00	\$7.63	\$190.63
1,500	300	450,000	\$30,452.17	\$42,439.50	\$3,037.15	\$75,928.82	\$30,744.67	\$42,439.50	\$3,049.34	\$76,233.51	\$292.50	\$0.00	\$12.19	\$304.69
2,500	300	750,000	\$50,733.17	\$70,732.50	\$5,061.07	\$126,526.74	\$51,244.67	\$70,732.50	\$5,082.38	\$127,059.55	\$511.50	\$0.00	\$21.31	\$552.81
200	400	80,000	\$4,832.27	\$7,544.80	\$515.71	\$12,892.78	\$4,842.67	\$7,544.80	\$516.14	\$12,903.61	\$10.40	\$0.00	\$0.43	\$10.83
750	400	300,000	\$18,036.67	\$28,293.00	\$1,930.40	\$48,260.07	\$18,174.67	\$28,293.00	\$1,936.15	\$48,403.82	\$138.00	\$0.00	\$5.75	\$143.75
1,000	400	400,000	\$24,036.67	\$37,724.00	\$2,573.44	\$64,336.11	\$24,234.67	\$37,724.00	\$2,581.61	\$64,540.28	\$196.00	\$0.00	\$8.17	\$204.17
1,500	400	600,000	\$36,042.67	\$56,586.00	\$3,859.53	\$96,488.20	\$36,354.67	\$56,586.00	\$3,873.53	\$96,813.20	\$312.00	\$0.00	\$13.00	\$325.00
2,500	400	1,000,000	\$60,050.67	\$94,310.00	\$6,451.70	\$160,792.37	\$60,594.67	\$94,310.00	\$6,454.36	\$161,359.03	\$544.00	\$0.00	\$22.66	\$566.66
750	500	100,000	\$5,577.67	\$9,431.00	\$625.36	\$15,634.03	\$5,599.67	\$9,431.00	\$625.90	\$15,647.57	\$13.00	\$0.00	\$0.54	\$13.54
1,000	500	150,000	\$20,831.92	\$35,366.25	\$2,341.59	\$58,539.76	\$20,979.67	\$35,366.25	\$2,347.75	\$58,693.67	\$147.75	\$0.00	\$6.16	\$153.91
1,500	500	225,000	\$27,765.67	\$47,155.00	\$3,121.69	\$78,042.36	\$27,974.67	\$47,155.00	\$3,130.40	\$78,260.07	\$209.00	\$0.00	\$8.71	\$217.71
2,500	500	350,000	\$41,633.17	\$70,732.50	\$4,681.90	\$117,047.57	\$41,964.67	\$70,732.50	\$4,695.72	\$117,392.89	\$331.50	\$0.00	\$13.82	\$345.32
750	600	120,000	\$6,323.07	\$11,317.20	\$735.01	\$18,375.28	\$6,338.67	\$11,317.20	\$735.66	\$18,391.53	\$15.60	\$0.00	\$0.65	\$16.25
1,000	600	160,000	\$23,627.17	\$42,439.50	\$2,752.78	\$68,819.45	\$23,784.67	\$42,439.50	\$2,759.34	\$69,083.51	\$157.50	\$0.00	\$6.56	\$164.06
1,500	600	240,000	\$31,492.67	\$56,586.00	\$3,669.94	\$91,748.61	\$31,714.67	\$56,586.00	\$3,679.19	\$91,979.86	\$222.00	\$0.00	\$9.25	\$231.25
2,500	600	360,000	\$47,223.67	\$84,879.00	\$5,504.28	\$137,606.95	\$47,574.67	\$84,879.00	\$5,518.90	\$137,972.57	\$351.00	\$0.00	\$14.62	\$365.62
750	700	140,000	\$78,685.67	\$141,465.00	\$9,172.95	\$229,323.62	\$79,294.67	\$141,465.00	\$9,198.32	\$229,957.99	\$609.00	\$0.00	\$25.37	\$634.37

Present Rates as of 1/1/18

Line Item on Bill

Proposed Rates

(1) Distribution Customer Charge	(n)	\$825.00	Customer Charge
(2) LIHEAP Enhancement Charge	(o)	\$0.81	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Charge	(p)	\$86.86	RE Growth Program
(4) Base Distribution Demand Charge (per kW > 200kW)	(q)	\$3.70	
(5) Distribution Charge (per kWh)	(r)	\$0.00551	
(6) Operating & Maintenance Expense Charge	(s)	\$0.00079	
(7) Operating & Maintenance Expense Reconciliation Factor	(t)	(\$0.00001)	
(8) FY18 Cplx Factor Demand Charge (per kW > 10kW)	(u)	\$0.71	
(9) Cplx Reconciliation Factor	(v)	(\$0.00050)	Distribution Energy Charge
(10) Revenue Decoupling Adjustment Factor	(w)	\$0.00118	
(11) Pension Adjustment Factor	(x)	(\$0.00085)	
(12) Storm Fund Replenishment Factor	(y)	\$0.00288	
(13) Long-term Contracting for Renewable Energy Charge	(z)	\$0.00622	Renewable Energy Distribution Charge
(14) Net Metering Charge	(aa)	\$0.00023	
(15) Transmission Demand Charge	(ab)	\$4.69	
(16) Base Transmission Charge	(ac)	\$0.01172	
(17) Transmission Adjustment Factor	(ad)	(\$0.00079)	Transmission Adjustment
(18) Transmission Uncollectible Factor	(ae)	\$0.00030	
(19) Base Transition Charge	(af)	\$0.00009	Transition Charge
(20) Transition Adjustment	(ag)	\$0.00048	
(21) Energy Efficiency Program Charge	(ah)	\$0.01002	Energy Efficiency Programs
(22) Standard Offer Service Base Charge	(ai)	\$0.09776	
(23) SOS Adjustment Factor	(aj)	(\$0.00507)	
(24) SOS Administrative Cost Adjustment Factor	(ak)	\$0.00122	Supply Services Energy Charge
(25) Renewable Energy Standard Charge	(al)	\$0.00040	
Line Item on Bill			
(26) Customer Charge	(am)	\$825.00	
(27) LIHEAP Enhancement Charge	(an)	\$0.81	
(28) RE Growth Program	(ao)	\$86.86	
(29) Transmission Adjustment	(ap)	\$0.01123	
(30) Distribution Energy Charge	(aq)	\$0.00900	
(31) Distribution Demand Charge	(ar)	\$4.41	
(32) Transition Charge	(as)	\$4.69	
(33) Energy Efficiency Programs	(at)	\$0.00057	
(34) Renewable Energy Distribution Charge	(au)	\$0.01002	
(35) Supply Services Energy Charge	(av)	\$0.00645	
(36) Supply Services Energy Charge	(aw)	\$0.09431	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2018, and Summary of Rates Standard Offer Service tariff R.I.P.U.C. No. 2096, effective 1/1/2018  
Column (o):  
Lines (1) through (5), (7), (9) through (21): Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095, effective 1/1/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff R.I.P.U.C. No. 2096, effective 1/1/2018  
Line (6): Proposed Operating & Maintenance Expense Charge per Attachment PUC 3-1-1, Page 1, Line (1), Column (e)  
Line (8): Proposed Cplx Factor Demand Charge per Attachment PUC 3-1-1 Page 1, Line (5), Column (e)

Calculation of Monthly Typical Bill  
Total Bill Impact of Proposed  
Rates Applicable to G-2 Rate Customers

Monthly Power		Present Rates		Proposed Rates				\$ Increase (Decrease)		Increase (Decrease) % of Total Bill			
kW	Hours Use	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (m)
3.000	200	\$61,888.89	\$56,886.00	\$4,936.45	\$123,411.34	\$62,698.89	\$56,886.00	\$4,970.20	\$124,255.09	\$810.00	\$33.75	\$843.75	\$1,406.25
5.000	200	\$90,528.89	\$94,310.00	\$7,701.62	\$192,540.51	\$91,878.89	\$94,310.00	\$7,757.87	\$193,946.76	\$1,350.00	\$56.25	\$1,406.25	\$2,109.37
7.500	200	\$126,328.89	\$141,465.00	\$11,158.08	\$278,951.97	\$128,353.89	\$141,465.00	\$11,242.45	\$281,061.34	\$2,025.00	\$84.37	\$2,109.37	\$2,812.50
10.000	200	\$162,128.89	\$188,620.00	\$14,614.54	\$365,363.43	\$164,828.89	\$188,620.00	\$14,727.04	\$368,175.93	\$2,700.00	\$112.50	\$2,812.50	\$3,625.00
20.000	200	\$302,528.89	\$377,240.00	\$28,440.37	\$711,009.26	\$310,728.89	\$377,240.00	\$28,665.37	\$716,634.26	\$5,400.00	\$225.00	\$5,625.00	\$7,250.00
3.000	300	\$72,418.89	\$84,879.00	\$6,554.08	\$163,851.97	\$73,228.89	\$84,879.00	\$6,587.83	\$164,697.72	\$810.00	\$33.75	\$843.75	\$1,406.25
5.000	300	\$108,078.89	\$141,465.00	\$10,397.66	\$259,941.55	\$109,428.89	\$141,465.00	\$10,453.91	\$261,347.80	\$1,350.00	\$56.25	\$1,406.25	\$2,109.37
7.500	300	\$152,653.89	\$212,197.50	\$15,202.14	\$380,053.53	\$154,678.89	\$212,197.50	\$15,286.52	\$382,162.91	\$2,025.00	\$84.38	\$2,109.38	\$2,812.50
10.000	300	\$197,228.89	\$282,930.00	\$20,066.62	\$500,165.51	\$199,928.89	\$282,930.00	\$20,119.12	\$502,978.01	\$2,700.00	\$112.50	\$2,812.50	\$3,625.00
20.000	300	\$375,528.89	\$565,860.00	\$39,224.54	\$980,613.43	\$380,928.89	\$565,860.00	\$39,449.54	\$986,238.43	\$5,400.00	\$225.00	\$5,625.00	\$7,250.00
3.000	400	\$82,948.89	\$113,172.00	\$8,171.70	\$204,292.59	\$83,758.89	\$113,172.00	\$8,205.45	\$205,136.34	\$810.00	\$33.75	\$843.75	\$1,406.25
5.000	400	\$125,628.89	\$188,620.00	\$13,093.70	\$327,342.59	\$126,978.89	\$188,620.00	\$13,149.95	\$328,748.84	\$1,350.00	\$56.25	\$1,406.25	\$2,109.37
7.500	400	\$178,978.89	\$282,930.00	\$19,246.21	\$481,155.10	\$181,003.89	\$282,930.00	\$19,330.58	\$483,264.47	\$2,025.00	\$84.37	\$2,109.37	\$2,812.50
10.000	400	\$232,328.89	\$377,240.00	\$25,398.71	\$634,967.60	\$235,028.89	\$377,240.00	\$25,511.21	\$637,780.10	\$2,700.00	\$112.50	\$2,812.50	\$3,625.00
20.000	400	\$445,728.89	\$754,480.00	\$50,008.71	\$1,250,217.60	\$451,128.89	\$754,480.00	\$50,233.71	\$1,255,842.60	\$5,400.00	\$225.00	\$5,625.00	\$7,250.00
3.000	500	\$93,478.89	\$141,465.00	\$9,789.33	\$244,733.22	\$94,288.89	\$141,465.00	\$9,822.08	\$245,576.97	\$810.00	\$33.75	\$843.75	\$1,406.25
5.000	500	\$143,178.89	\$235,775.00	\$15,789.75	\$394,743.64	\$144,528.89	\$235,775.00	\$15,846.00	\$396,139.89	\$1,350.00	\$56.25	\$1,406.25	\$2,109.37
7.500	500	\$205,303.89	\$353,662.50	\$23,290.27	\$582,256.66	\$207,328.89	\$353,662.50	\$23,374.64	\$584,366.03	\$2,025.00	\$84.37	\$2,109.37	\$2,812.50
10.000	500	\$267,428.89	\$471,550.00	\$30,790.79	\$769,769.68	\$270,128.89	\$471,550.00	\$30,903.29	\$772,582.18	\$2,700.00	\$112.50	\$2,812.50	\$3,625.00
20.000	500	\$515,928.89	\$943,100.00	\$60,792.88	\$1,519,821.77	\$521,328.89	\$943,100.00	\$61,017.88	\$1,525,446.77	\$5,400.00	\$225.00	\$5,625.00	\$7,250.00
3.000	600	\$104,008.89	\$169,758.00	\$11,406.95	\$285,173.84	\$104,818.89	\$169,758.00	\$11,440.70	\$286,017.59	\$810.00	\$33.75	\$843.75	\$1,406.25
5.000	600	\$160,728.89	\$282,930.00	\$18,485.79	\$462,144.68	\$162,078.89	\$282,930.00	\$18,542.04	\$463,540.93	\$1,350.00	\$56.25	\$1,406.25	\$2,109.37
7.500	600	\$231,628.89	\$424,395.00	\$27,334.33	\$683,358.22	\$233,653.89	\$424,395.00	\$27,418.71	\$685,467.60	\$2,025.00	\$84.38	\$2,109.38	\$2,812.50
10.000	600	\$302,528.89	\$565,860.00	\$36,182.87	\$904,571.76	\$305,228.89	\$565,860.00	\$36,295.37	\$907,384.26	\$2,700.00	\$112.50	\$2,812.50	\$3,625.00
20.000	600	\$586,128.89	\$1,131,720.00	\$71,577.04	\$1,789,425.93	\$591,528.89	\$1,131,720.00	\$71,802.04	\$1,795,050.93	\$5,400.00	\$225.00	\$5,625.00	\$7,250.00

Present Rates as of 1/1/18

Line Item on Bill

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
(1) Distribution Customer Charge					\$17,000.00								
(2) LHEAP Enhancement Charge					\$0.81								
(3) Renewable Energy Growth Charge					\$1,928.08								
(4) Base Distribution Demand Charge per kW					\$2.99								
(5) Distribution Charge (per kWh)					\$0.00000								
(6) Operating & Maintenance Expense Charge per KW					\$0.36								
(7) Operating & Maintenance Expense Reconciliation Factor					(\$0.00001)								
(8) FY18 CapEx Factor Demand Charge per kW					\$0.55								
(9) CapEx Reconciliation Factor					(\$0.00038)								
(10) Revenue Decoupling Adjustment Factor					\$0.00118								
(11) Pension Adjustment Factor					(\$0.00085)								
(12) Storm Fund Replenishment Factor					\$0.00288								
(13) Long-term Contracting for Renewable Energy Charge					\$0.00622								
(14) Net Metering Charge					\$0.00023								
(15) Transmission Demand Charge					\$3.40								
(16) Base Transmission Charge					\$0.01426								
(17) Transmission Adjustment Factor					\$0.00066								
(18) Transmission Uncollectible Factor					\$0.00032								
(19) Base Transition Charge					\$0.00009								
(20) Transition Adjustment					\$0.00048								
(21) Energy Efficiency Program Charge					\$0.01002								
(22) Standard Offer Service Base Charge					\$0.09776								
(23) SOS Adjustment Factor					(\$0.00507)								
(24) SOS Administrative Cost Adjustment Factor					\$0.00122								
(25) Renewable Energy Standard Charge					\$0.00040								
Line Item on Bill													
(26) Customer Charge					\$17,000.00								
(27) LHEAP Enhancement Charge					\$0.81								
(28) RE Growth Program					\$1,928.08								
(29) Transmission Adjustment					\$0.01524								
(30) Distribution Energy Charge					\$0.00282								
(31) Distribution Demand Charge					\$3.40								
(32) Transition Charge					\$0.00057								
(33) Energy Efficiency Programs					\$0.01002								
(34) Renewable Energy Distribution Charge					\$0.00645								
(35) Supply Services Energy Charge					\$0.09431								

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2009, effective 1/1/2018, and Summary of Rates Standard Offer Service untrf. R.I.P.U.C. No. 2006, effective 1/1/2018

Column (o):

Lines (1) through (5), (7), (9) through (21): Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2009, effective 1/1/2018. Lines (22) through (25): Summary of Rates Standard Offer Service untrf. R.I.P.U.C. No. 2006, effective 1/1/2018

Line (6): Proposed Operating & Maintenance Expense Demand Charge per Attachment PUC 3-1-1, Page 1, Line 1, Column (g)

Line (8) Proposed CapEx Factor Demand Charge per Attachment PUC 3-1-1, Page 1, Line (5), Column (g)