nationalgrid

Raquel J. Webster
Senior Counsel

March 27, 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 - FY 2018 Electric Infrastructure, Safety, and Reliability Plan
Compliance Filing - Updated Revenue Requirement and Bill Impacts

Dear Ms. Massaro:

I have enclosed ten (10) copies of National Grid's[1] compliance filing in the above-referenced docket. This filing includes an updated revenue requirement and bill impacts for the fiscal year (FY) 2019 Electric Infrastructure, Safety, and Reliability (ISR) Plan, which reflect the PUC's March 20, 2018 open meeting decision.

For a residential customer receiving standard offer service and using 500 kWh per month, implementation of the ISR CapEx Factors and O&M Factors for the period April 1, 2018 through March 31, 2019 will result in a monthly bill increase of $0.41, or 0.4%, from $104.26 to $104.67.[2] For fiscal year 2019, the Electric ISR revenue requirement is $30,667,736.

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

Very truly yours,

Raquel J. Webster

Enclosures

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

[1] The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).
[2] Please note that the Company will submit a filing with the PUC that includes all bill impacts for all rates that are effective April 1, 2018 once the PUC rules on the Company's pending dockets that include the remaining proposed rates for effect April 1, 2018.

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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

March 27, 2018

Docket No. 4783 National Grid's Electric Infrastructure, Safety and Reliability Plan FY 2019 - Service List as of 1/8/17

Name/Address	E-mail Distribution	Phone
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File an original & ten copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov; Cynthia.WilsonFrias@puc.ri.gov; Alan.nault@puc.ri.gov; Todd.bianco@puc.ri.gov;	401-780-2107
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The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary

Line No.		As Approved Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)
	Operation and Maintenance (O&M) Expenses:			
1	Current Year Vegetation Management (VM)	$9,400,000	$9,800,000	
2	Current Year Inspection & Maintenance (I&M)	$1,069,800	$867,000	
3	Current Year Other Programs		$269,000	
4	Electric Contact Voltage expenses included in RIPUC Docket No. 4323	($163,749)	($163,749)	
5	**Total O&M Expense Component of Revenue Requirement**	**$10,306,051**	**$10,772,251**	
	Capital Investment:			
6	Actual Revenue Requirement on Incremental FY 2012 Capital included in ISR Rase Base	$268,500	$231,828	$232,231
7	Actual Revenue Requirement on Incremental FY 2013 Capital included in ISR Rate Base	($1,074,896)	($960,140)	($910,114)
8	Actual Revenue Requirement on Incremental FY 2014 Capital included in ISR Rate Base	$706,927	$645,661	$603,144
9	Actual Revenue Requirement on FY 2015 Capital included in ISR Rate Base	$3,758,934	$3,366,174	$3,198,488
10	Actual Revenue Requirement on FY 2016 Capital included in ISR Rate Base	$3,967,711	$3,354,459	$3,225,807
11	Actual Revenue Requirement on FY 2017 Capital included in ISR Rate Base	$4,415,399	$3,189,241	$3,034,888
12	Actual Revenue Requirement on FY 2018 Capital included in ISR Rate Base	$2,267,653	$4,277,937	$3,967,781
13	Actual Revenue Requirement on FY 2019 Capital included in ISR Rate Base	$0	$2,908,658	$5,699,563
14	Subtotal	$14,310,230	$17,013,819	$19,051,788
15	FY 2018 Property Tax Recovery Adjustment	$3,906,950		
16	FY 2019 Property Tax Recovery Adjustment		$2,881,666	
17	True-Up for FY 2012 through FY 2016 Transmission - Related Net Operating Losses ("NOL")	($1,125,115)	$0	
18	True-Up for FY 2013 through FY 2016 Work Order Write Off Adjustment: Capital Investment	($560,347)	$0	
19	True-Up for FY 2013 through FY 2016 Work Order Write Off Adjustment: Property Tax	($589)	$0	
20	**Total Capital Investment Component of Revenue Requirement**	**$16,531,128**	**$19,895,485**	
21	**Total Fiscal Year Revenue Requirement**	**$26,837,179**	**$30,667,736**	
22	**Total Updated Fiscal Year Rate Adjustment**		**$3,830,556**	

Column (a) - as Approved per RIPUC Docket No. 4682
Column (b)
1 Vegetation Management per Section 3, Chart 2
2 Inspection & Maintenance per Section 4, Chart 1
3 Other Program Expense per Section 4, Chart 2
5 Sum of Lines 1 through 4
6 Page 16 of 29, Line 31
7 Page 14 of 29, Line 38
8 Page 12 of 29, Line 33
9 Page 10 of 29, Line 33
10 Page 8 of 29, Line 33
11 Page 6 of 29, Line 33
12 Page 4 of 29, Line 33
13 Page 2 of 29, Line 33
14 Sum of Lines 6 through 13
16 Page 21 of 29, Line 128
20 Sum of Lines 14 through 19
21 Line 5 + Line 20
22 Current Year Line 21 - Prior Year Line 21

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2019 Actual Incremental Capital Investment

Line No.				Fiscal Year 2019 (a)	Fiscal Year 2020 (b)
	Capital Investment Allowance				
1	*Non-Discretionary Capital*	Section 2, Chart 10		$30,991,000	$0
	Discretionary Capital				
2	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Section 2, Chart 10		$54,346,000	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 2		$85,337,000	$0
	Depreciable Net Capital Included in Rate Base				
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$85,337,000	$0
5	Retirements	Line 4 * 29.85%	1/	$25,473,095	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$59,863,906	$59,863,906
	Change in Net Capital Included in Rate Base				
7	Capital Included in Rate Base	Line 3		$85,337,000	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant		$43,031,774	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$42,305,226	$42,305,226
10	Cost of Removal	Section 2, Chart 10		$11,834,000	$11,834,000
11	**Total Net Plant in Service**	**Line 9 + Line 10**		**$54,139,226**	**$54,139,226**
	Deferred Tax Calculation:				
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%	3.40%
13	Vintage Year Tax Depreciation:				
14	2019 Spend	Page 3 of 29, Line 23		$42,412,433	$4,369,011
15	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14		$42,412,433	$46,781,444
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50% ; Column (b) = Line 6 * Line 12		$1,017,686	$2,035,373
17	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16		$1,017,686	$3,053,059
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$41,394,747	$43,728,385
19	Effective Tax Rate			21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$8,692,897	$9,182,961
21	Less: FY 2019 Federal NOL	Page 23 of 29, Line13(p)		$0	$0
22	Less: Proration Adjustment	Col (a) = Page 26b of 29, Line 40; Col (b) = Page 27b of 29, Line 40		($540,966)	($266,067)
23	Excess Deferred Tax			$0	$0
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$8,151,931	$8,916,894
	Rate Base Calculation:				
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$54,139,226	$54,139,226
26	Accumulated Depreciation	-Line 17		($1,017,686)	($3,053,059)
27	Deferred Tax Reserve	-Line 24		($8,151,931)	($8,916,894)
28	Year End Rate Base	Sum of Lines 25 through 27		$44,969,609	$42,169,273
	Revenue Requirement Calculation:				
29	Average Rate Base	Column (a) = Current Year Line 28 ÷ 2; Column (b) = (Prior Year Line 28 + Current Year Line 28) ÷ 2		$22,484,804	$43,569,441
30	Pre-Tax ROR		2/	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$1,890,972	$3,664,190
32	Book Depreciation	Line 16		$1,017,686	$2,035,373
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$2,908,658**	**$5,699,563**

1/ Based on three year average FY 2017, FY 2016, and FY 2015 actual retirements as a percent of capital investment

2/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2019 Incremental Capital Investments

Line No.				Fiscal Year 2019 (a)	Fiscal Year 2020 (b)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 29, Line 3		$85,337,000	
2	Capital Repairs Deduction Rate	Per Tax Department	1/	29.08%	
3	Capital Repairs Deduction	Line 1 * Line 2		$24,816,000	
	Bonus Depreciation				
4	Plant Additions	Line 1		$85,337,000	
5	Plant Additions			$0	
6	Less Capital Repairs Deduction	Line 3		$24,816,000	
7	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 6		$60,521,000	
8	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		99.00%	
9	Plant Eligible for Bonus Depreciation	Line 7 * Line 8		$59,915,790	
10	Bonus Depreciation Rate (April 2018 - December 2018)	1 * 75% * 0%		0.00%	
11	Bonus Depreciation Rate (January 2019 - March 2019)	1 * 25% * 0%		0.00%	
12	Total Bonus Depreciation Rate	Line 10 + Line 11		0.00%	
13	Bonus Depreciation	Line 9 * Line 12		$0	
	Remaining Tax Depreciation				
14	Plant Additions	Line 1		$85,337,000	
15	Plant Additions			$0	
16	Less Capital Repairs Deduction	Line 3		$24,816,000	
17	Less Bonus Depreciation	Line 13		$0	
18	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 14 - Line 16 - Line 17		$60,521,000	$60,521,000
19	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	7.219%
20	Remaining Tax Depreciation	Line 18 * Line 19		$2,269,538	$4,369,011
21	FY19 Loss incurred due to retirements	Per Tax Department	2/	$3,492,895	
22	Cost of Removal	Page 2 of 29, Line 10		$11,834,000	
23	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 13, 20, 21, and 22		$42,412,433	$4,369,011

1/ Capital Repairs percentage is based on a three year average 2014, 2015, and 2016 of electric property qualifying for the repairs deduction as a percentage of total annual plant additions.
2/ FY 2019 estimated tax loss on retirements is based on FY 2017 actuals (Page 7 of 29, Line 19).

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2018 Actual Incremental Capital Investment

Line No.				Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)
	Capital Investment Allowance					
1	*Non-Discretionary Capital*	Section 2, Page 27 of 27, Chart 11		$32,731,000	$0	$0
	Discretionary Capital					
2	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Section 2, Page 27 of 27, Chart 11		$42,112,000	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 2		$74,843,000	$0	$0
	Depreciable Net Capital Included in Rate Base					
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$74,843,000	$0	$0
5	Retirements	Line 4 * 21.99%	1/	$16,457,400	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$58,385,600	$58,385,600	$58,385,600
	Change in Net Capital Included in Rate Base					
7	Capital Included in Rate Base	Line 3		$74,843,000	$0	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant		$43,031,774	$0	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$31,811,226	$31,811,226	$31,811,226
10	Cost of Removal	Section 2, Page 27 of 27, Chart 11		$9,646,000	$9,646,000	$9,646,000
11	**Total Net Plant in Service**	**Line 9 + Line 10**		**$41,457,226**	**$41,457,226**	**$41,457,226**
	Deferred Tax Calculation:					
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%	3.40%	3.40%
13	Vintage Year Tax Depreciation:					
14	2018 Spend	Page 3 of 26, Line 21		$44,716,241	$3,115,135	$2,881,252
15	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14		$44,716,241	$47,831,376	$50,712,628
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50% ; Column (b) = Line 6 * Line 12		$992,555	$1,985,110	$1,985,110
17	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16		$992,555	$2,977,666	$4,962,776
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$43,723,686	$44,853,710	$45,749,852
19	Effective Tax Rate			21.00%	21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$9,181,974	$9,419,279	$9,607,469
21	Less: FY 2018 Federal NOL	Page 21 of 26, Line 12(n)		$0	$0	$0
22	Less: Proration Adjustment	Col (b) = Page 26b of 29, Line 40; Col (c) = Page 27b of 29, Line 40		($3,150,463)	($214,730)	($170,287)
23	Excess Deferred Tax	Page 28 of 29, Line 7(f)		$4,590,987	$4,590,987	$4,590,987
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$10,622,498	$13,795,536	$14,028,169
	Rate Base Calculation:					
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$41,457,226	$41,457,226	$41,457,226
26	Accumulated Depreciation	-Line 17		($992,555)	($2,977,666)	($4,962,776)
27	Deferred Tax Reserve	-Line 24		($10,622,498)	($13,795,536)	($14,028,169)
28	Year End Rate Base	Sum of Lines 25 through 27		$29,842,173	$24,684,025	$22,466,281
	Revenue Requirement Calculation:					
29	Average Rate Base	Column (a) = Current Year Line 28 ÷ 2; Column (b) = (Prior Year Line 28 + Current Year Line 28) ÷ 2		$14,921,086	$27,263,099	$23,575,153
30	Pre-Tax ROR		2/	9.36%	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$1,396,614	$2,292,827	$1,982,670
32	Book Depreciation	Line 16		$992,555	$1,985,110	$1,985,110
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$2,389,169**	**$4,277,937**	**$3,967,781**

1/ Based on three year average FY 2016, FY 2015, and FY 2014 actual retirements as a percent of capital investment

2/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2018 Incremental Capital Investments

Line No.				Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)
	Capital Repairs Deduction					
1	Plant Additions	Page 2 of 26, Line 3		$74,843,000		
2	Capital Repairs Deduction Rate	Per Tax Department	1/	23.38%		
3	Capital Repairs Deduction	Line 1 * Line 2		$17,498,293		
	Bonus Depreciation					
4	Plant Additions	Line 1		$74,843,000		
5	Less Capital Repairs Deduction	Line 3		$17,498,293		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$57,344,707		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		99.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$56,771,260		
9	Bonus Depreciation Rate (April 2017 - September 2017)	1 * 50% * 50%		25.00%		
10	Bonus Depreciation Rate (January 2018 - March 2018)	1 * 25% * 0%		0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10		25.00%		
12	Bonus Depreciation	Line 8 * Line 11		$14,192,815		
	Remaining Tax Depreciation					
13	Plant Additions	Line 1		$74,843,000		
14	Less Capital Repairs Deduction	Line 3		$17,498,293		
15	Less Bonus Depreciation	Line 12		$14,192,815		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$43,151,892	$43,151,892	$43,151,892
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	7.219%	6.677%
18	Remaining Tax Depreciation	Line 16 * Line 17		$1,618,196	$3,115,135	$2,881,252
19	FY18 Loss incurred due to retirements	Per Tax Department	2/	$1,760,937		
20	Cost of Removal	Page 2 of 26, Line 10		$9,646,000		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20		$44,716,241	$3,115,135	$2,881,252

1/ Capital Repairs percentage is based on a three year average 2013, 2014, and 2015 of electric property qualifying for the repairs deduction as a percentage of total annual plant additions.
2/ FY 2018 estimated tax loss on retirements is based on FY 2016 actuals (Page 7 of 26, Line 19).

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2017 Actual Incremental Capital Investment

Line No.				Fiscal Year 2017 (a)	Fiscal Year 2018 (b)	Fiscal Year 2019 (c)	Fiscal Year 2020 (d)
	Capital Additions Allowance						
	Non-Discretionary Capital						
1	Non-Discretionary Additions	Attachment PSA-1, Page 3, Table 1		$28,593,675	$0	$0	$0
	Discretionary Capital						
2	Lesser of Actual Cumulative Discretionary Capital Additions or Spending, or Approved Spending	Page 19 of 29, Line 12		$46,895,663	$0	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 2		$75,489,338	$0	$0	$0
	Depreciable Net Capital Included in Rate Base						
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$75,489,338	$0	$0	$0
5	Retirements		1/	$22,244,993	$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$53,244,346	$53,244,346	$53,244,346	$53,244,346
	Change in Net Capital Included in Rate Base						
7	Capital Included in Rate Base	Line 3		$75,489,338	$0	$0	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant		$43,031,774	$0	$0	$0
9	Incremental Depreciable Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$32,457,565	$32,457,565	$32,457,565	$32,457,565
10	Total Cost of Removal	Attachment PSA-1, Page 4, Table 2		$7,806,949	$7,806,949	$7,806,949	$7,806,949
11	**Total Net Plant in Service**	**Line 9 + Line 10**		**$40,264,513**	**$40,264,513**	**$40,264,513**	**$40,264,513**
	Deferred Tax Calculation:						
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%	3.40%	3.40%	3.40%
13	Vintage Year Tax Depreciation:						
14	2017 Spend	Page 7 of 29, Line 21		$58,425,852	$2,127,323	$1,967,605	$1,820,263
15	Cumulative Tax Depreciation	Prior Year Line 14 + Current Year Line 13		$58,425,852	$60,553,175	$62,520,779	$64,341,042
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50%; Column (b) = Line 6 * Line 12		$905,154	$1,810,308	$1,810,308	$1,810,308
17	Cumulative Book Depreciation	Prior Year Line 16 + Current Year Line 15		$905,154	$2,715,462	$4,525,770	$6,336,077
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$57,520,698	$57,837,713	$57,995,010	$58,004,965
19	Effective Tax Rate			35.00%	21.00%	21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$20,132,244	$12,145,920	$12,178,952	$12,181,043
21	Less: FY 2017 Federal NOL	Page 23 of 29, Line 13(n)		$0	$0	$0	$0
22	Less: Proration Adjustment	Col (c) = Page 26b of 29, Line 40; Col (d) = Page 27b of 29, Line 40		$0	($16,852)	$14,700	($1,892)
23	Excess Deferred Tax	Page 28 of 29, Line 6(f)			$8,086,184	$8,086,184	$8,086,184
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$20,132,244	$20,215,252	$20,279,836	$20,265,335
	Rate Base Calculation:						
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$40,264,513	$40,264,513	$40,264,513	$40,264,513
26	Accumulated Depreciation	-Line 17		($905,154)	($2,715,462)	($4,525,770)	($6,336,077)
27	Deferred Tax Reserve	-Line 24		($20,132,244)	($20,215,252)	($20,279,836)	($20,265,335)
28	Year End Rate Base	Sum of Lines 25 through 27		$19,227,115	$17,333,800	$15,458,908	$13,663,101
	Revenue Requirement Calculation:						
29	Average Rate Base	Column (a) = Current Year Line 28 ÷ 2; Column (b) = (Prior Year Line 28 + Current Year Line 28) ÷ 2		$9,613,558	$18,280,458	$16,396,354	$14,561,004
30	Pre-Tax ROR		2/	9.68%	9.36%	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$930,592	$1,711,051	$1,378,933	$1,224,580
32	Book Depreciation	Line 16		$905,154	$1,810,308	$1,810,308	$1,810,308
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$1,835,746**	**$3,521,359**	**$3,189,241**	**$3,034,888**

1/ Actual Retirements
2/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2017 Incremental Capital Investments

Line No.				Fiscal Year 2017 (a)	Fiscal Year 2018 (b)	Fiscal Year 2019 (c)	Fiscal Year 2020 (d)
	Capital Repairs Deduction						
1	Plant Additions	Page 6 of 29, Line 3		$75,489,338			
2	Capital Repairs Deduction Rate	Per Tax Department	1/	22.70%			
3	Capital Repairs Deduction	Line 1 * Line 2		$17,136,080			
	Bonus Depreciation						
4	Plant Additions	Line 1		$75,489,338			
5	Less Capital Repairs Deduction	Line 3		$17,136,080			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$58,353,258			
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		99.00%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$57,769,726			
9	Bonus Depreciation Rate (April 2016 - December 2016)	1 * 75% * 50%		37.50%			
10	Bonus Depreciation Rate (January 2017 - March 2017)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		50.00%			
12	Bonus Depreciation	Line 8 * Line 11		$28,884,863			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		$75,489,338			
14	Less Capital Repairs Deductions	Line 3		$17,136,080			
15	Less Bonus Depreciation	Line 12		$28,884,863			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$29,468,395	$29,468,395	$29,468,395	$29,468,395
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	7.219%	6.677%	6.177%
18	Remaining Tax Depreciation	Line 16 * Line 17		$1,105,065	$2,127,323	$1,967,605	$1,820,263
19	FY17 Loss incurred due to retirements	Per Tax Department		$3,492,895			
20	Cost of Removal	Page 6 of 29, Line 10		$7,806,949			
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20		$58,425,852	$2,127,323	$1,967,605	$1,820,263

1/ Capital Repairs percentage is based on a three year average, 2012, 2013 and 2014 of electric property qualifying for the repairs deduction as a percentage of total annual plant additions.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2016 Actual Incremental Capital Investment

Line No.				Fiscal Year 2016 (a)	Fiscal Year 2017 (b)	Fiscal Year 2018 (d)	Fiscal Year 2019 (e)	Fiscal Year 2020 (f)
	Capital Investment Allowance							
1	*Non-Discretionary Capital*	Per RIPUC Docket No. 4539		$35,964,438	$0	$0	$0	$0
1a	Work Order Write Off Adjustment	Per Company's books		$672,272	$0	$0	$0	$0
	Discretionary Capital							
2	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Per RIPUC Docket No. 4539		$35,488,464	$0	$0	$0	$0
2a	Work Order Write Off Adjustment	Per Company's books		($121,728)	$0	$0	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 1a + Line 2 + Line 2a		$72,003,445	$0	$0	$0	$0
	Depreciable Net Capital Included in Rate Base							
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$72,003,445	$0	$0	$0	$0
5	Retirements		1/	$28,489,814	$0	$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$43,513,631	$43,513,631	$43,513,631	$43,513,631	$43,513,631
	Change in Net Capital Included in Rate Base							
7	Capital Included in Rate Base	Line 3		$72,003,445	$0	$0	$0	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant		$43,031,774	$0	$0	$0	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$28,971,671	$28,971,671	$28,971,671	$28,971,671	$28,971,671
10	Cost of Removal	Per RIPUC Docket No. 4539	2/	$8,192,983	$8,192,983	$8,192,983	$8,192,983	$8,192,983
10a	Work Order Write Off Adjustment	Per Company's books		($19,884)	($19,884)	($19,884)	($19,884)	($19,884)
11	**Total Net Plant in Service**	**Line 9 + Line 10 + Line 10a**		**$37,144,770**	**$37,144,770**	**$37,144,770**	**$37,144,770**	**$37,144,770**
	Deferred Tax Calculation:							
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%	3.40%	3.40%	3.40%	3.40%
13	Vintage Year Tax Depreciation:							
14	2016 Spend	Page 9 of 29, Line 21		$60,569,127	$1,868,699	$1,728,398	$1,598,969	$1,478,858
15	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14		$60,569,127	$62,437,826	$64,166,224	$65,765,193	$67,244,051
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50%; Column (b) = Line 6 * Line 12		$739,732	$1,479,463	$1,479,463	$1,479,463	$1,479,463
17	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16		$739,732	$2,219,195	$3,698,659	$5,178,122	$6,657,586
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$59,829,395	$60,218,631	$60,467,565	$60,587,071	$60,586,465
19	Effective Tax Rate			35.00%	35.00%	21.00%	21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$20,940,288	$21,076,521	$12,698,189	$12,723,285	$12,723,158
21	Less: FY 2016 Federal NOL	Page 23 of 29, Line 13(m)		($10,693,796)	($10,693,796)	($10,693,796)	($10,693,796)	($10,693,796)
22	Less: Proration Adjustment	Col (d) = Page 26b of 29, Line 40; Col (e) = Page 27b of 29, Line 40		$0	$0	($75,493)	($48,787)	$115
23	Excess Deferred Tax	Page 28 of 29, Line 5(f)				$8,456,746	$8,456,746	$8,456,746
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$10,246,492	$10,382,725	$10,385,646	$10,437,448	$10,486,223
	Rate Base Calculation:							
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$37,144,770	$37,144,770	$37,144,770	$37,144,770	$37,144,770
26	Accumulated Depreciation	-Line 17		($739,732)	($2,219,195)	($3,698,659)	($5,178,122)	($6,657,586)
27	Deferred Tax Reserve	-Line 24		($10,246,492)	($10,382,725)	($10,385,646)	($10,437,448)	($10,486,223)
28	Year End Rate Base	Sum of Lines 25 through 27		$26,158,546	$24,542,850	$23,060,465	$21,529,200	$20,000,961
	Revenue Requirement Calculation:							
29	Average Rate Base	Column (a) = Current Year Line 28 ÷ 2; Column (b) = (Prior Year Line 28 + Current Year Line 28) ÷ 2		$13,079,273	$25,350,698	$23,801,658	$22,294,832	$20,765,081
30	Pre-Tax ROR		3/	9.68%	9.68%	9.36%	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$1,266,074	$2,453,948	$2,227,835	$1,874,995	$1,746,343
32	Book Depreciation	Line 16		$739,732	$1,479,463	$1,479,463	$1,479,463	$1,479,463
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$2,005,805**	**$3,933,411**	**$3,707,299**	**$3,354,459**	**$3,225,807**

1/ Actual Retirements

2/ Actual Cost of Removal

3/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2016 Incremental Capital Investments

Line No.				Fiscal Year 2016 (a)	Fiscal Year 2018 (c)	Fiscal Year 2019 (d)	Fiscal Year 2020 (e)
	Capital Repairs Deduction						
1	Plant Additions	Page 8 of 29, Line 3		$72,003,445			
2	Capital Repairs Deduction Rate	Per Tax Department	1/	29.67%			
3	Capital Repairs Deduction	Line 1 * Line 2		$21,361,075			
	Bonus Depreciation						
4	Plant Additions	Line 1		$72,003,445			
5	Less Capital Repairs Deduction	Line 3		$21,361,075			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$50,642,370			
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		97.77%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$49,513,045			
9	Bonus Depreciation Rate (April 2015 - December 2015)	1 * 75% * 50%		37.50%			
10	Bonus Depreciation Rate (January 2016 - March 2016)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		50.00%			
12	Bonus Depreciation	Line 8 * Line 11		$24,756,523			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		$72,003,445			
14	Less Capital Repairs Deduction	Line 3		$21,361,075			
15	Less Bonus Depreciation	Line 12		$24,756,523			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$25,885,847	$25,885,847	$25,885,847	$25,885,847
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	6.677%	6.177%	5.713%
18	Remaining Tax Depreciation	Line 16 * Line 17		$970,719	$1,728,398	$1,598,969	$1,478,858
19	FY16 Loss incurred due to retirements	Per Tax Department		$5,307,711			
20	Cost of Removal	Page 8 of 29, Line 10 + Line 10a		$8,173,099			
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20		$60,569,127	$1,728,398	$1,598,969	$1,478,858

1/ Capital Repairs percentage is based on the actual results of the FY 2016 tax return.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2015 Actual Incremental Capital Investment

Line No.				Fiscal Year 2015 (a)	Cumulative FY16-FY17 (d)	Fiscal Year 2018 (e)	Fiscal Year 2019 (f)	Fiscal Year 2020 (g)
	Capital Investment Allowance							
1	*Non-Discretionary Capital*	Per RIPUC Docket No. 4473		$22,246,664		$0	$0	$0
1a	Work Order Write Off Adjustment	Per Company's books		($268,138)		$0	$0	$0
	Discretionary Capital							
2	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Per RIPUC Docket No. 4473		$54,410,377		$0	$0	$0
2a	Work Order Write Off Adjustment	Per Company's books		($48,499)		$0	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 1a + Line 2 + Line 2a		$76,340,403		$0	$0	$0
	Depreciable Net Capital Included in Rate Base							
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$76,340,403		$0	$0	$0
5	Retirements		1/	$15,666,095		$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$60,674,308		60,674,308	60,674,308	60,674,308
	Change in Net Capital Included in Rate Base							
7	Capital Included in Rate Base	Line 3		$76,340,403		$0	$0	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant		$43,031,774		$0	$0	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$33,308,629		$33,308,629	$33,308,629	$33,308,629
10	Cost of Removal	Per RIPUC Docket No. 4473	2/	$6,988,398		$6,988,398	$6,988,398	$6,988,398
10a	Work Order Write Off Adjustment	Per Company's books		$22,398		$22,398	$22,398	$22,398
11	**Total Net Plant in Service**	**Line 9 + Line 10 + Line 10a**		**$40,319,425**	**$40,319,425**	**$40,319,425**	**$40,319,425**	**$40,319,425**
	Deferred Tax Calculation:							
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%		3.40%	3.40%	3.40%
13	Vintage Year Tax Depreciation:							
14	2015 Spend	Page 11 of 29, Line 22		$71,871,022		$1,814,760	$1,678,440	$1,552,696
15	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14		$71,871,022	$75,953,570	$77,768,330	$79,446,770	$80,999,466
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50%; Column (b) = Line 6 * Line 12		$1,031,463		$2,062,926	$2,062,926	$2,062,926
17	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16		$1,031,463	$5,157,316	$7,220,243	$9,283,169	$11,346,096
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$70,839,559	$ 70,796,254	$ 70,548,087	$ 70,163,601	$ 69,653,370
19	Effective Tax Rate			35.00%	35.00%	21.00%	21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$24,793,846	$24,778,689	$14,815,098	$14,734,356	$14,627,208
21	Less: FY 2015 Federal NOL	Page 23 of 29, Line 13(l)		($8,148,936)	($8,148,936)	($8,148,936)	($8,148,936)	($8,148,936)
22	Less: Proration Adjustment	Col (e) = Page 26b of 29, Line 40; Col (f) = Page 27b of 29, Line 40		$0	$0	$47,157	$73,061	$96,955
23	Excess Deferred Tax	Page 28 of 29, Line 4(f)				$9,885,418	$9,885,418	$9,885,418
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$16,644,909	$16,629,752	$16,598,737	$16,543,899	$16,460,645
	Rate Base Calculation:							
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$40,319,425	$40,319,425	$40,319,425	$40,319,425	$40,319,425
26	Accumulated Depreciation	-Line 17		($1,031,463)	($5,157,316)	($7,220,243)	($9,283,169)	($11,346,096)
27	Deferred Tax Reserve	-Line 24		($16,644,909)	($16,629,752)	($16,598,737)	($16,543,899)	($16,460,645)
28	Year End Rate Base	Sum of Lines 25 through 27		$22,643,053	$18,532,357	$16,500,445	$14,492,357	$12,512,685
	Revenue Requirement Calculation:							
29	Average Rate Base	Column (a) = Current Year Line 28 ÷ 2; Column (b) = (Prior Year Line 28 + Current Year Line 28) ÷ 2		$11,321,526		$17,516,401	$15,496,401	$13,502,521
30	Pre-Tax ROR		3/	9.68%		9.36%	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$1,095,924		$1,639,535	$1,303,247	$1,135,562
32	Book Depreciation	Line 16		$1,031,463		$2,062,926	$2,062,926	$2,062,926
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$2,127,387**		**$3,702,462**	**$3,366,174**	**$3,198,488**

1/ Actual Retirements

2/ Actual Cost of Removal

3/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2015 Incremental Capital Investments

Line No.				Fiscal Year 2015 (a)	Fiscal Year 2018 (d)	Fiscal Year 2019 (e)	Fiscal Year 2020 (f)
	Capital Repairs Deduction						
1	Plant Additions	Page 10 of 29, Line 3		$76,340,403			
2	Capital Repairs Deduction Rate	Per Tax Department	1/	23.10%			
3	Capital Repairs Deduction	Line 1 * Line 2		$17,634,633			
	Bonus Depreciation						
4	Plant Additions	Line 1		$76,340,403			
5	Less Capital Repairs Deduction	Line 3		$17,634,633			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$58,705,770			
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		99.91%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$58,652,935			
9	Bonus Depreciation Rate (April 2014 - December 2014)	1 * 75% * 50%		37.50%			
10	Bonus Depreciation Rate (January 2015 - March 2015)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		50.00%			
12	Bonus Depreciation	Line 8 * Line 11		$29,326,468			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		$76,340,403			
14	Less Capital Repairs Deduction	Line 3		$17,634,633			
15	Less Bonus Depreciation	Line 12		$29,326,468			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$29,379,302	$29,379,302	$29,379,302	$29,379,302
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	6.177%	5.713%	5.285%
18	Remaining Tax Depreciation	Line 16 * Line 17		$1,101,724	$ 1,814,760	$ 1,678,440	$ 1,552,696
19	481(a) adjustment for partial retirements	Per Tax Department		$14,395,754			
20	FY15 Loss incurred due to retirements	Per Tax Department		$2,401,647			
21	Cost of Removal	Page 10 of 29, Line 10 + Line 10a		$7,010,796			
22	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18,19, 20, and 21		$71,871,022	$1,814,760	$1,678,440	$1,552,696

1/ Capital Repairs percentage is based on the actual results of the FY 2015 tax return.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2014 Actual Incremental Capital Investment

Line No.				Fiscal Year 2014 (a)	Cumulative FY15-FY17 (e)	Fiscal Year 2018 (f)	Fiscal Year 2019 (g)	Fiscal Year 2020 (h)
	Capital Investment Allowance							
1	*Non-Discretionary Capital*	Per RIPUC Docket No. 4382		$6,923,860		$0	$0	$0
1a	Work Order Write Off Adjustment	Per Company's books		($472,942)		$0	$0	$0
	Discretionary Capital							
2	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Per RIPUC Docket No. 4382		$6,400,406		$0	$0	$0
2a	Work Order Write Off Adjustment	Per Company's books		($8,965)		$0	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 1a + Line 2 + Line 2a		$12,842,359		$0	$0	$0
	Depreciable Net Capital Included in Rate Base							
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$12,842,359		$0	$0	$0
5	Retirements	Page 18 of 29, Line 9(c)	1/	($4,165,367)		$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6		$17,007,726		17,007,726	17,007,726	17,007,726
	Change in Net Capital Included in Rate Base							
7	Capital Included in Rate Base	Line 3		$12,842,359		$0	$0	$0
8	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant	2/	$7,173,397		$0	$0	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9		$5,668,962		$5,668,962	$5,668,962	$5,668,962
10	Total Cost of Removal	Page 18 of 29, Line 6(c)		($887,841)		($887,841)	($887,841)	($887,841)
10a	Work Order Write Off Adjustment	Per Company's books		($37,062)		($37,062)	($37,062)	($37,062)
11	**Total Net Plant in Service**	**Line 9 + Line 10 + Line 10a**		**$4,744,059**	**$4,744,059**	**$4,744,059**	**$4,744,059**	**$4,744,059**
	Deferred Tax Calculation:							
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323		3.40%		3.40%	3.40%	3.40%
13	Vintage Year Tax Depreciation:							
14	2014 Spend	Page 13 of 29, Line 20		$7,826,326		$242,832	$224,640	$207,766
15	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14		$7,826,326	$8,679,534	$8,922,366	$9,147,006	$9,354,772
16	Book Depreciation	Column (a) = Line 6 * Line 12 * 50%; Column (b) = Line 6 * Line 12		$289,131		$578,263	$578,263	$578,263
17	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16		$289,131	$2,023,919	$2,602,182	$3,180,445	$3,758,708
18	Cumulative Book / Tax Timer	Line 15 - Line 17		$7,537,194	$6,655,614	$6,320,184	$5,966,562	$5,596,064
19	Effective Tax Rate			35.00%	35.00%	21.00%	21.00%	21.00%
20	Deferred Tax Reserve	Line 18 * Line 19		$2,638,018	$2,329,465	$1,327,239	$1,252,978	$1,175,174
21	Less: FY 2014 Federal NOL	Page 23 of 29, Line 13(k)		($1,200,808)	($1,200,808)	($1,200,808)	($1,200,808)	($1,200,808)
22	Less: Proration Adjustment	Col (f) = Page 26b of 29, Line 40; Col (g) = Page 27b of 29, Line 40		$0	$0	$63,739	$67,196	$70,403
23	Excess Deferred Tax	Page 28 of 29, Line 3(f)				$896,566	$896,566	$896,566
24	Net Deferred Tax Reserve	Sum of Lines 20 through 23		$1,437,210	$1,128,657	$1,086,736	$1,015,932	$941,334
	Rate Base Calculation:							
25	Cumulative Incremental Capital Included in Rate Base	Line 11		$4,744,059	$4,744,059	$4,744,059	$4,744,059	$4,744,059
26	Accumulated Depreciation	-Line 17		($289,131)	($2,023,919)	($2,602,182)	($3,180,445)	($3,758,708)
27	Deferred Tax Reserve	-Line 24		($1,437,210)	($1,128,657)	($1,086,736)	($1,015,932)	($941,334)
28	Year End Rate Base	Sum of Lines 25 through 27		$3,017,717	$1,591,482	$1,055,141	$547,682	$44,017
	Revenue Requirement Calculation:							
29	Average Rate Base	Col (a) = Line 28 * 23.23%; Col (b) = (Prior Year Line 28 + Current Year Line 28)/2	3/	$670,654		$1,323,312	$801,411	$295,849
30	Pre-Tax ROR		4/	9.68%		9.36%	8.41%	8.41%
31	Return and Taxes	Line 29 * Line 30		$64,919		$123,862	$67,399	$24,881
32	Book Depreciation	Line 16		$289,131		$578,263	$578,263	$578,263
33	**Annual Revenue Requirement**	**Line 31 + Line 32**		**$354,051**		**$702,125**	**$645,661**	**$603,144**

1/ Actual Retirements

2/ Depreciation Expense has been prorated for 2 months (February - March 2014)

3/ 23.23% per RIPUC Docket No. 4382 (FY 2014 Elec ISR reconciliation), Attachment WRR-1-Revised, Page 12.

4/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2014 Incremental Capital Investments

Line No.				Fiscal Year 2014 (a)	Fiscal Year 2018 (e)	Fiscal Year 2019 (f)	Fiscal Year 2020 (g)
	Capital Repairs Deduction						
1	Plant Additions	Page 12 of 29, Line 3		$12,842,359			
2	Capital Repairs Deduction Rate	Per Tax Department	1/	34.46%			
3	Capital Repairs Deduction	Line 1 * Line 2		$4,425,477			
	Bonus Depreciation						
4	Plant Additions	Line 1		$12,842,359			
5	Less Capital Repairs Deduction	Line 3		$4,425,477			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$8,416,882			
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		99.00%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$8,332,713			
9	Bonus Depreciation Rate (April 2013 - December 2013)	1 * 75% * 50%		37.50%			
10	Bonus Depreciation Rate (January 2014 - March 2014)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		50.00%			
12	Bonus Depreciation	Line 8 * Line 11		$4,166,357			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		$12,842,359			
14	Less Capital Repairs Deduction	Line 3		$4,425,477			
15	Less Bonus Depreciation	Line 12		$4,166,357			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$4,250,525	$4,250,525	$4,250,525	$4,250,525
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	5.713%	5.285%	4.888%
18	Remaining Tax Depreciation	Line 16 * Line 17		$159,395	$242,832	$224,640	$207,766
19	Cost of Removal	Page 12 of 29, Line 10 + Line 10a		($924,903)			
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18 and 19		$7,826,326	$242,832	$224,640	$207,766

1/ Capital Repairs percentage is based on the FY 2014 tax return.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2013 Actual Incremental Capital Investment

Line No.				Fiscal Year 2013 (a)	Cumulative FY14-FY17 (f)	Fiscal Year 2018 (g)	Fiscal Year 2019 (h)	Fiscal Year 2020 (i)
	Capital Additions Allowance							
	Non-Discretionary Capital							
1	Non-Discretionary Additions	Per RIPUC Docket No. 4307		($5,184,396)		$0	$0	$0
1a	Work Order Write Off Adjustment	Per Company's books		($576,955)		$0	$0	$0
	Discretionary Capital							
2	Lesser of Actual Discretionary Capital Additions or Spending or Approved Spending	Per RIPUC Docket No. 4307		($1,850,463)		$0	$0	$0
2a	Work Order Write Off Adjustment	Per Company's books		($207,197)		$0	$0	$0
3	Total Allowed Capital Included in Rate Base in Current Year	Line 1 + Line 1a + Line 2 + Line 2a		($7,819,012)		$0	$0	$0
	Depreciable Net Capital Included in Rate Base							
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		($7,819,012)		$0	$0	$0
5	Retirements			$5,838,935		$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Columns (b), (c), & (d) = Prior Year Line 6		($13,657,947)		($13,657,947)	($13,657,947)	($13,657,947)
	Change in Net Capital Included in Rate Base							
7	Capital Included in Rate Base	Line 3		($7,819,012)		$0	$0	$0
8	Depreciation Expense	As approved per R.I.P.U.C. Docket No. 4065, excluding general plant		$0		$0	$0	$0
9	Incremental Capital Amount	Column (a) = Line 7 - Line 8; Columns (b), (c) & (d) = Prior Year Line 9		($7,819,012)		($7,819,012)	($7,819,012)	($7,819,012)
10	Total Cost of Removal			($1,895,059)		($1,895,059)	($1,895,059)	($1,895,059)
10a	Work Order Write Off Adjustment	Per Company's books		($106,751)		($106,751)	($106,751)	($106,751)
11	**Total Net Plant in Service**	**Line 9 + Line 10 + Line 10a**		**($9,820,822)**	**($9,820,822)**	**($9,820,822)**	**($9,820,822)**	**($9,820,822)**
	Deferred Tax Calculation:							
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4065		3.40%		3.40%	3.40%	3.40%
13	Tax Depreciation	Page 15 of 29, Line 20		($6,531,672)		($180,604)	($167,038)	($154,530)
14	Cumulative Tax Depreciation	Prior Year Line 13 + Current Year Line 14		($6,531,672)	($7,412,857)	($7,593,461)	($7,760,499)	($7,915,029)
15	Book Depreciation	Column (a) = Line 6 * Line 12 * 50%; Columns (b), (c) & (d) = Line 6 * Line 12		($232,185)		($464,370)	($464,370)	($464,370)
16	Cumulative Book Depreciation	Prior Year Line 16 + Current Year Line 15		($232,185)	($2,089,666)	($2,554,036)	($3,018,406)	($3,482,776)
17	Cumulative Book / Tax Timer	Line 14 - Line 16		($6,299,487)	($5,323,191)	($5,039,425)	($4,742,093)	($4,432,253)
18	Effective Tax Rate			35.00%	35.00%	21.00%	21.00%	21.00%
19	Deferred Tax Reserve	Line 17 * Line 18		($2,204,820)	($1,863,117)	($1,058,279)	($995,839)	($930,773)
20	Excess Deferred Tax	Line 28 of 29, Line 2(f)				($715,451)	($715,451)	($715,451)
21	Less: FY 2013 Federal NOL	Page 23 of 29, Line 13(j)		($2,342,381)	($2,342,381)	($2,342,381)	($2,342,381)	($2,342,381)
22	Less: Proration Adjustment	Col (g) = Page 26b of 29, Line 40; Col (h) = Page 27b of 29, Line 40		$0	$0	($53,922)	($56,500)	($58,877)
23	Net Deferred Tax Reserve	Sum of Lines 19 through 22		($4,547,202)	($4,205,498)	($4,170,034)	($4,110,172)	($4,047,483)
24								
25	Rate Base Calculation:							
26	Cumulative Incremental Capital Included in Rate Base	Line 11		($9,820,822)	($9,820,822)	($9,820,822)	($9,820,822)	($9,820,822)
27	Accumulated Depreciation	-Line 16		$232,185	$2,089,666	$2,554,036	$3,018,406	$3,482,776
28	Deferred Tax Reserve	-Line 23		$4,547,202	$4,205,498	$4,170,034	$4,110,172	$4,047,483
29	Year End Rate Base	Sum of Lines 26 through 28		($5,041,435)	($3,525,658)	($3,096,752)	($2,692,243)	($2,290,563)
30								
31	Revenue Requirement Calculation:							
32	Average Rate Base	Column (a) = Current Year Line 29 ÷ 2; Column (b) = (Prior Year Line 29 + Current Year Line 29) ÷ 2		($2,520,717)		($3,311,205)	($2,894,498)	($2,491,403)
33	Pre-Tax ROR		2/	9.68%		9.36%	8.41%	8.41%
34	Return and Taxes	Line 32 * Line 33		($244,005)		($309,929)	($243,427)	($209,527)
35	Book Depreciation	Line 15		($232,185)		($464,370)	($464,370)	($464,370)
36	Property Taxes	Year 1 = $0, then Prior Year (Line 11 - Line 16) * Current Year Effective Property Tax rate	1/	$0		($289,520)	($252,342)	($236,217)
37								
38	**Annual Revenue Requirement**	**Sum of Lines 34 through 36**		**($476,191)**		**($1,063,819)**	**($960,140)**	**($910,114)**

1/ FY 2017 effective property tax rate of 3.47% per Page 21 of 29, Line 71(h)

2/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2013 Incremental Capital Investments

				Fiscal Year 2013 (a)	Fiscal Year 2018 (f)	Fiscal Year 2019 (g)	Fiscal Year 2020 (h)
	Capital Repairs Deduction						
1	Plant Additions	Page 14 of 29, Line 3		($7,819,012)			
2	Capital Repairs Deduction Rate		1/	12.59%			
3	Capital Repairs Deduction	Line 1 * Line 2		($984,414)			
	Bonus Depreciation						
4	Plant Additions	Line 1		($7,819,012)			
5	Less Capital Repairs Deduction	Line 3		($984,414)			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		($6,834,598)			
7	Percent of Plant Eligible for Bonus Depreciation			100.00%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		($6,834,598)			
9	Bonus Depreciation Rate (April 2012 - December 2012)	1 * 75% * 50%		37.50%			
10	Bonus Depreciation Rate (January 2013 - March 2013)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		50.00%			
12	Bonus Depreciation	Line 8 * Line 11		($3,417,299)			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		($7,819,012)			
14	Less Capital Repairs Deduction	Line 3		($984,414)			
15	Less Bonus Depreciation	Line 12		($3,417,299)			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		($3,417,299)	($3,417,299)	($3,417,299)	($3,417,299)
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	5.285%	4.888%	4.522%
18	Remaining Tax Depreciation	Line 16 * Line 17		($128,149)	($180,604)	($167,038)	($154,530)
19	Cost of Removal	Page 14 of 29, Line 10 + Line 10a		($2,001,810)			
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19		($6,531,672)	($180,604)	($167,038)	($154,530)

1/ Capital Repairs percentage is based on the FY 2013 tax return.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2019 Revenue Requirement on FY 2012 Actual Incremental Capital Investment

Line No.				Fiscal Year 2012 (a)	Cumulative FY13-FY17 (g)	Fiscal Year 2018 (h)	Fiscal Year 2019 (i)	Fiscal Year 2020 (j)
	Capital Additions Allowance							
	Non-Discretionary Capital							
1	Non-Discretionary	Per RIPUC Docket No. 4218		($4,019,686)		$0	$0	$0
	Discretionary Capital							
2	Lesser of Actual Discretionary Capital Additions or Spending or Approved Spending	Per RIPUC Docket No. 4218		$4,163,942		$0	$0	$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 2		$144,256		$0	$0	$0
	Depreciable Net Capital Included in Rate Base							
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3		$144,256		$0	$0	$0
5	Retirements			$19,938		$0	$0	$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Columns (b) through (h) = Prior Year Line 6		$124,318		$124,318	$124,318	$124,318
	Change in Net Capital Included in Rate Base							
7	Incremental Capital Amount	Column (a) = Line 4, Columns (b) through (h) = Prior Year Line 7		$144,256		$144,256	$144,256	$144,256
8	Cost of Removal			($771,131)		($771,131)	($771,131)	($771,131)
9	**Total Net Plant in Service**	**Line 7 + Line 8**		**($626,875)**	**($626,875)**	**($626,875)**	**($626,875)**	**($626,875)**
	Deferred Tax Calculation:							
10	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4065		3.40%		3.40%	3.40%	3.40%
11	Tax Depreciation	Page 17 of 29, Line 20		($654,965)		$1,427	$1,320	$1,302
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11		($654,965)	($645,897)	($644,471)	($643,151)	($641,849)
13	Book Depreciation	Column (a) = -Line 6 * Line 10 * 50%; Columns (b) through (h)= Line 6 * Line 10		($2,113)		($4,227)	($4,227)	($4,227)
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13		($2,113)	($23,247)	($27,474)	($31,701)	($35,928)
15	Cumulative Book / Tax Timer	Line 12 - Line 14		($652,852)	($622,650)	($616,996)	($611,450)	($605,921)
16	Effective Tax Rate			35.00%	35.00%	21.00%	21.00%	21.00%
17	Deferred Tax Reserve	Line 15 * Line 16		($228,498)	($217,927)	($129,569)	($128,404)	($127,243)
18	Less: FY 2013 Federal NOL	Page 23 of 29, Line 13(i)		($3,434,992)	($3,434,992)	($3,434,992)	($3,434,992)	($3,434,992)
19	Less: Proration Adjustment	Col (h) = Page 26b of 29, Line 40; Col (i) = Page 27b of 29, Line 40		$0	$0	($1,074)	($1,054)	($1,051)
20	Excess Deferred Tax	Page 28 of 29, Line 1(f)				($86,577)	($86,577)	($86,577)
21	Net Deferred Tax Reserve	Sum of Lines 17 through 20		($3,663,490)	($3,652,920)	($3,652,213)	($3,651,028)	($3,649,864)
	Rate Base Calculation:							
22	Cumulative Incremental Capital Included in Rate Base	Line 9		($626,875)	($626,875)	($626,875)	($626,875)	($626,875)
23	Accumulated Depreciation	-Line 14		$2,113	$23,247	$27,474	$31,701	$35,928
24	Deferred Tax Reserve	-Line 21		$3,663,490	$3,652,920	$3,652,213	$3,651,028	$3,649,864
25	Year End Rate Base	Sum of Lines 22 through 24		$3,038,729	$3,049,292	$3,052,812	$3,055,854	$3,058,917
	Revenue Requirement Calculation:							
26	Average Rate Base	(Prior Year Line 25 + Current Year Line 25) ÷2		$1,519,364		$3,051,052	$3,054,333	$3,057,385
27	Pre-Tax ROR		2/	9.30%		9.36%	8.41%	8.41%
28	Return and Taxes	Line 26 * Line 27		$141,301		$285,578	$256,869	$257,126
29	Book Depreciation	Line 13		($2,113)		($4,227)	($4,227)	($4,227)
30	Property Taxes	Year 1 = $0, then Prior Year (Line 9 - Line 14) * Current Year Effective Property Tax rate	1/	$0		($22,605)	($20,814)	($20,668)
31	**Annual Revenue Requirement**	**Sum of Lines 28 through 30**		**$139,188**		**$258,746**	**$231,828**	**$232,231**

1/ FY 2017 effective property tax rate of 3.47% per Page 21 of 29, Line 71(h)

2/ Refer to Page 29

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY2012 Incremental Capital Investments

Line No.				Fiscal Year 2012 (a)	Fiscal Year 2018 (g)	Fiscal Year 2019 (h)	Fiscal Year 2020 (i)
	Capital Repairs Deduction						
1	Plant Additions	Page 16 of 29, Line 3		$144,256			
2	Capital Repairs Deduction Rate	Per Tax Department	1/	21.05%			
3	Capital Repairs Deduction	Line 1 * Line 2		$30,366			
	Bonus Depreciation						
4	Plant Additions	Line 1		$144,256			
5	Less Capital Repairs Deduction	Line 3		$30,366			
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		$113,890			
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	2/	85.00%			
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7		$96,807			
9	Bonus Depreciation Rate (April 2011 - December 2011)	1 * 75% * 100%		75.00%			
10	Bonus Depreciation Rate (January 2012 - March 2012)	1 * 25% * 50%		12.50%			
11	Total Bonus Depreciation Rate	Line 9 + Line 10		87.50%			
12	Bonus Depreciation	Line 8 * Line 11		$84,706			
	Remaining Tax Depreciation						
13	Plant Additions	Line 1		$144,256			
14	Less Capital Repairs Deduction	Line 3		$30,366			
15	Less Bonus Depreciation	Line 12		$84,706			
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		$29,184	$29,184	$29,184	$29,184
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946		3.750%	4.888%	4.522%	4.462%
18	Remaining Tax Depreciation	Line 16 * Line 17		$1,094	$1,427	$1,320	$1,302
19	Cost of Removal	Page 16 of 29, Line 8		($771,131)			
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19		($654,965)	$1,427	$1,320	$1,302

1/ Per Docket 4307 FY 2013 Electric ISR Reconciliation Filing at Attachment WRR-1, Page 8, Line 2

2/ Since not all property additions qualify for bonus depreciation and because a project must be started after the beginning of the bonus period, January 1, 2008, an estimate of 85% is used rather than 100%.

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2012 - 2014 Incremental Capital Investment Summary

Line No.			Actual Fiscal Year 2012 (a)	Actual Fiscal Year 2013 (b)	Fiscal Year 2014 (c)
	Capital Investment				
1	ISR - Eligible Capital Investment	Col (a) =FY 2012 ISR Reconciliation Filing Docket No. 4218; Col (b) = FY 2013 ISR Reconciliation Filing Docket No. 4307; Col (c) = FY 2014 ISR Reconcilation Filing Docket No. 4382	$48,946,456	$44,331,141	$56,129,551
1a	Work Order Write Off Adjustment	Per Company's books	$0	($784,153)	($481,907)
2	ISR - Eligible Capital Additions included in Rate Base per R.I.P.U.C. Docket No. 4323	Schedule MDL-3-ELEC Page 53, Docket No. 4323: Col (a)= Line Note 1(a); Col (b)= Line Note 2(b); Col (c)= Line Note 3(e)	$48,802,200	$51,366,341	$42,805,284
3	Incremental ISR Capital Investment	Line 1 + Line 1a - Line 2	$144,256	($7,819,353)	$12,842,360
	Cost of Removal				
4	ISR - Eligible Cost of Removal	Col (a) =FY 2012 ISR Reconciliation Filing Docket No. 4218; Col (b)= FY 2013 Reconciliation Filing Docket No. 4307; Col (c) = FY 2014 ISR Reconciliation Filing Docket No. 4382	$5,807,869	5,179,941	$5,007,992
4a	Work Order Write Off Adjustment	Per Company's books	$0	($106,751)	($37,062)
5	ISR - Eligible Cost of Removal in Rate Base per R.I.P.U.C. Docket No. 4323	Workpaper MDL-19-ELEC Page 2, Docket No. 4323: Col (a)= Line Note 1(a); Col (b)= Line Note 2(b); Line Note 3(e)	$6,579,000	$7,075,000	$5,895,833
6	Incremental Cost of Removal	Line 4 + Line 4a - Line 5	($771,131)	($2,001,810)	($924,903)
	Retirements				
7	ISR - Eligible Retirements/Actual	Col (a)= FY 2012 ISR Reconciliation Filing Docket No. 4218; Col (b) = FY 2013 ISR Reconciliation Filing Docket No. 4307; Col (c) = FY 2014 ISR Reconciliation Filing Docket No. 4382	$7,740,446	$14,255,714	$3,299,874
8	ISR - Eligible Retirements/Estimated	Col (a)= FY 2012 ISR Proposal Filing Docket No. 4218; Col (b)= FY 2013 ISR Proposal Filing Docket No. 4307; Col (c) = Line 2 (c) * 17.44% Retirement rate per Docket 4323 (Workpaper MDL-19-ELEC Page 3)	$7,720,508	$8,416,779	$7,465,242
9	Incremental Retirements	Line 7 - Line 8	$19,938	$5,838,935	($4,165,367)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
FY 2017 Capital Investment

Line No.	**Discretionary Capital**		Actuals (a)
1	Cumulative FY 2016 Discretionary Capital **ADDITIONS**	Docket No. 4539 FY16 Reconciliation Att. AST-1 Page 14, Line 3	$159,030,344
2	FY 2017 Discretionary Capital **ADDITIONS**	Attachment PSA-1, Page 3, Table 1	$46,895,663
3	Cumulative Actual Discretionary Capital Additions	Line 1 + Line 2	$205,926,007
4	Cumulative FY 2016 Discretionary Capital **SPENDING**	Docket No. 4539 FY16 Reconciliation Att. AST-1 Page 14, Line 6	$192,056,464
5	FY 2017 Discretionary Capital **SPENDING**	Attachment PSA-1, Page 5, Table 3	$48,266,492
6	Cumulative Actual Discretionary Capital Spending	Line 4 + Line 5	$240,322,956
			As Approved in Docket No. 4592
7	Cumulative FY 2016 Approved Discretionary Capital **SPENDING**	Docket No. 4539 FY16 Reconciliation Att. AST-1 Page 14, Line 9	$174,212,150
8	FY 2017 Approved Discretionary Capital **SPENDING**	Attachment PSA-1, Page 5, Table 3	$52,523,386
9	Cumulative Actual Approved Discretionary Capital Spending	Line 7 + Line 8	$226,735,536
			Total Allowed
10	Cumulative Allowed Discretionary Capital Included in Rate Base	Lesser of Line 3, Line 6, or Line 9	$205,926,007
11	Prior Year Cumulative Allowed Disretionary Capital Included in Rate Base	Docket No. 4539 FY16 Reconciliation Filing Att. AST-1, Page 14, Line 10	$159,030,344
12	**Total Allowed Discretionary Capital Included in Rate Base Current Year**	Line 10 - Line 11	**$46,895,663**

The Narragansett Electric Company
d/b/a National Grid
FY 2019 ISR Property Tax Recovery Adjustment
(000s)

Line		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
		RY End	ISR Additions	Non-ISR Add's	Total Add's	Bk Depr (1)	Retirements	COR	End of FY 2014			
1	Plant In Service	$1,358,470	$9,275	$1,885	$11,160		$550		$1,370,180			
2												
3	Accumulated Depr	$611,570				$7,498	$550	($828)	$618,789			
4												
5	Net Plant	$746,900							$751,391			
6												
7	Property Tax Expense	$29,743							$27,502			
8												
9	Effective Prop tax Rate	3.98%							3.66%			
10												
11												
12	**Effective tax Rate Calculation**	End of FY 2014	ISR Additions	Non-ISR Add's	Total Add's	Bk Depr (1)	Retirements	COR	End of FY 2015			
13												
14	Plant In Service	$1,370,180	$76,340	$5,801	$82,141		($15,666)		$1,436,655			
15												
16	Accumulated Depr	$618,789				$46,514	($15,666)	($6,988)	$642,649			
17												
18	Net Plant	$751,391							$794,006			
19												
20	Property Tax Expense	$27,502							$32,549			
21												
22	Effective Prop tax Rate	3.66%							4.10%			
23												
24	**Effective tax Rate Calculation**	End of FY 2015	ISR Additions	Non-ISR Add's	Total Add's	Bk Depr (1)	Retirements	COR	End of FY 2016			
25												
26	Plant In Service	$1,436,655	$72,003	$17,773	$89,777		($28,490)		$1,497,942			
27												
28	Accumulated Depr	$642,649				$48,686	($28,490)	($8,193)	$654,652			
29												
30	Net Plant	$794,006							$843,290			
31												
32	Property Tax Expense	$32,549							$31,580			
33												
34	Effective Prop tax Rate	4.10%							3.74%			
35												
36		**(a)**	**(b)**	**(c)**	**(d)**	**(e)**	**(f)**	**(g)**	**(h)**	**(i)**	**(j)**	**(k)**
37	**Property Tax Recovery Calculation**											
38		**Cumulative Increm. ISR Prop. Tax for FY14**				**Cumulative Increm. ISR Prop. Tax for FY15**				**Cumulative Increm. ISR Prop. Tax for FY16**		
39			2 mos									
40	ISR Additions		$9,275				$76,340				$72,003	
41	Book Depreciation: base allowance on ISR eligible plant		($7,173)				($43,032)				($43,032)	
42	Book Depreciation: current year ISR additions		($324)				($1,031)				($740)	
43	COR		$828				$6,988				$8,193	
44												
45	Net Plant Additions		$2,605				$39,266				$36,425	
46												
47	RY Effective Tax Rate		3.98%				3.98%				3.98%	
48	ISR Property Tax Recovery on FY 2014 vintage investment			$104				$102				$89
49	ISR Property Tax Recovery on FY 2015 vintage investment							$1,564				$1,523
50	ISR Property Tax Recovery on FY 2016 vintage investment											$1,451
51												
52												
53	ISR Year Effective Tax Rate	3.66%				4.10%				3.74%		
54	RY Effective Tax Rate	3.98%	-0.32%			3.98%	0.12%			3.98%	-0.24%	
55	RY Effective Tax Rate 2 mos for FY 2014		-0.05%									
56	RY Net Plant times 2 mo rate	$746,900	-0.05%	($401)		$746,900	* 0.12%	$875		$746,900	* -0.24%	($1,773)
57	FY 2014 Net Adds times ISR Year Effective Tax rate	$2,605	-0.32%	($8)		$2,568	* 0.12%	$3		$2,234	* -0.24%	($5)
58	FY 2015 Net Adds times ISR Year Effective Tax rate					$39,266	* 0.12%	$46		$38,234	* -0.24%	($91)
59	FY 2016 Net Adds times ISR Year Effective Tax rate									$36,425	* -0.24%	($86)
60	Total Property Tax due to rate differential			($409)				$924				($1,869)
61												
62	Total ISR Property Tax Recovery			($306)				$2,590				$1,193
62a	As Approved in RIPUC Docket No. 4539			($304)				$2,590				$1,192
62b	Work Order Write Off Adjustment			(2)				(0)				2

The Narragansett Electric Company
d/b/a National Grid
FY 2019 ISR Property Tax Recovery Adjustment (continued)
(000s)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Effective tax Rate Calculation	**End of FY 2016**	**ISR Additions**	**Non-ISR Add's**	**Total Add's**	**Bk Depr (1)**	**Retirements**	**COR**	**End of FY 2017**
63	Plant In Service	$1,497,942	$75,489	$10,718	$86,207		($22,245)		$1,561,904
65	Accumulated Depr	$654,652				$50,815	($22,245)	($7,807)	$675,416
67	Net Plant	$843,290							$886,489
69	Property Tax Expense	$31,580							$30,784
71	Effective Prop tax Rate	3.74%							3.47%
73	**Effective tax Rate Calculation**	**End of FY 2017**	**ISR Additions**	**Non-ISR Add's**	**Total Add's**	**Bk Depr (1)**	**Retirements**	**COR**	**End of FY 2018**
75	Plant In Service	$1,561,904	$74,843	$3,100	$77,943		($16,457)		$1,623,390
77	Accumulated Depr	$675,416				$52,948	($16,457)	($9,646)	$702,260
79	Net Plant	$886,489							$921,129
81	Property Tax Expense	$30,784							$34,495
83	Effective Prop tax Rate	3.47%							3.74%
85	**Effective tax Rate Calculation**	**End of FY 2018**	**ISR Additions**	**Non-ISR Add's**	**Total Add's**	**Bk Depr (1)**	**Retirements**	**COR**	**End of FY 2019**
87	Plant In Service	$1,623,390	$85,337	$3,100	$88,437		($25,473)		$1,686,354
89	Accumulated Depr	$702,260				$55,064	($25,473)	($11,834)	$720,017
91	Net Plant	$921,129							$966,337
93	Property Tax Expense	$34,495							$33,556
95	Effective Prop tax Rate	3.74%							3.47%

97		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
98	**Property Tax Recovery Calculation**											
99		**Cumulative Increm. ISR Prop. Tax for FY17**				**Cumulative Increm. ISR Prop. Tax for FY18**				**Cumulative Increm. ISR Prop. Tax for FY19**		
101	ISR Additions		$75,489				$74,843				$85,337	
102	Book Depreciation: base allowance on ISR eligible plant		($43,032)				($43,032)				($43,032)	
103	Book Depreciation: current year ISR additions		($905)				($993)				($1,018)	
104	COR		$7,807				$9,646				$11,834	
106	Net Plant Additions		$39,359				$40,465				$53,122	
108	RY Effective Tax Rate		3.98%				3.98%				3.98%	
109	ISR Property Tax Recovery on FY 2014 vintage investment			$76				$62				$49
110	ISR Property Tax Recovery on FY 2015 vintage investment			$1,440				$1,358				$1,276
111	ISR Property Tax Recovery on FY 2016 vintage investment			$1,392				$1,333				$1,274
112	ISR Property Tax Recovery on FY 2017 vintage investment			$1,567				$1,495				$1,423
113	ISR Property Tax Recovery on FY 2018 vintage investment							$1,611				$1,532
114	ISR Property Tax Recovery on FY 2019 vintage investment											$2,115
115	Subtotal			$4,475				$5,860				$7,670
116	ISR Year Effective Tax Rate	3.47%				3.74%				3.47%		
117	RY Effective Tax Rate	3.98%	-0.51%			3.98%	-0.24%			3.98%	-0.51%	
118	RY Effective Tax Rate 2 mos for FY 2014											
119	RY Net Plant times 2 mo rate	$746,900	* -0.51%	($3,807)		$746,900	* -0.24%	($1,773)		$746,900	* -0.51%	($3,807)
120	FY 2014 Net Adds times ISR Year Effective Tax rate	$1,900	* -0.51%	($10)		$1,566	* -0.24%	($4)		$1,232	* -0.51%	($6)
121	FY 2015 Net Adds times ISR Year Effective Tax rate	$36,171	* -0.51%	($184)		$34,108	* -0.24%	($81)		$32,045	* -0.51%	($163)
122	FY 2016 Net Adds times ISR Year Effective Tax rate	$34,945	* -0.51%	($178)		$33,466	* -0.24%	($79)		$31,987	* -0.51%	($163)
123	FY 2017 Net Adds times ISR Year Effective Tax rate	$39,359	* -0.51%	($201)		$37,549	* -0.24%	($89)		$35,739	* -0.51%	($182)
124	FY 2018 Net Adds times ISR Year Effective Tax rate					$40,465	* -0.24%	($96)		$38,480	* -0.51%	($196)
125	FY 2019 Net Adds times ISR Year Effective Tax rate									$53,122	* -0.51%	($271)
126	Total Property Tax due to rate differential			($4,379)				($2,122)				($4,788)
128	Total ISR Property Tax Recovery			$96				$3,738				$2,882

The Narragansett Electric Company
d/b/a National Grid
FY 2019 ISR Property Tax Recovery Adjustment (continued)
(000s)

Line Notes	
1(a)-9(a)	Per Rate Year cost of service
1(b) - 9(h)	Per FY 2014 Electric ISR Reconciliation Filing per Docket 4382
14(a)-22(h)	Per FY 2015 Electric ISR Reconciliation Filing per Docket 4473
26(a)-34(h)	Per FY 2016 Electric ISR Reconciliation Filing per Docket 4539
40(a) - 62(c)	Per FY 2017 Electric ISR Reconciliation Filing per Docket 4382
40(e)-62(g)	Per FY 2015 Electric ISR Reconciliation Filing per Docket 4473
40(i)-62(k)	Per FY 2016 Electric ISR Reconciliation Filing per Docket 4539
63(a)	Per Line 26(h)
63(b)	Per Page 7 of 27, Line 1 /1000
63(c)	Per Company's books
63(d)	Line 63(b) + Line 63(c)
63(f)	Per Page 6 of 27, Line 5 /1000
63(h)	Line 63(a) + Line 63(d) + Line 63(f)
65(a)	Per Line 28(h)
65(e)	Rate Year depr allowance of $44,986 * (Line 1(d)+1(f) * comp depr rate of 3.40%) + (Line 14(d)+14(f) * comp depr rate of 3.40%) + (Line 26(d)+26(f) * comp depr rate of 3.40%) + (Line 63(d) +63(f) * comp depr rate of 3.40% * 50%)
65(f)	Per Line 63(f)
65(g)	Per Page 6 of 27, Line 10/ 1000
65(h)	Line 65(a) + Line 65(e) + Line 65(f) + Line 65(g)
67(a)	Per Line 30(h)
67(h)	Line 63(h) - Line 65(h)
69(a)	Per Line 32(h)
69(h)	Per Company's books
71(a)	Per Line 34(h)
71(h)	Line 69(h) / Line 67(h)
75(a)	Per Line 63(h)
75(b)	Per Page 5 of 27, Line 5(a) /1000
75(d)	Sum of Line 75(b) and Line 75(c)
75(f)	Per Page 4 of 27, Line 5(a) /1000
75(h)	Line 75(a) + Line 75(d) + 75(f)
77(a)	Per Line 65(h)
77(e)	Rate Year depr allowance of $44,986 * (Line 1(d)+1(f)* comp depr rate of 3.40%) + (Line 14(d)+14(f)* comp depr rate of 3.40%) + (Line , 26(d)+26(f)*comp depr rate of 3.40%) + (Line 63(d) +63(f)*comp depr rate of 3.40%)+ (Line 75(d) +75(f)*comp depr rate of 3.40%*50%)
77(f)	Per Line 75(f)
77(g)	Per Page 6 of 27, Line 11(a) /1000
77(h)	Line 77(a) + Line 77(e) + Line 77(f) + Line 77(g)
79(a)	Per Line 67(h)
79(h)	Line 75(h) - Line 77(h)
81(a)	Line 69(h)
81(h)	Line 79(h) * Line 83(h)
83(a)	Line 81(a)/Line 79(a)
83(h)	Per Line 34(h)
87(a)	Per Line 75(h)
87(b)	Per Page 3 of 27, Line 1(a) /1000
87(d)	Line 87(b) + Line 87(c)
87(f)	Per Page 2 of 27, Line 5(a) /1000
89(a)	Per Line 77(h)
89(f)	Per Line 87(f)
89(g)	Per Page 2 of 27, Line 10(a) /1000
89(h)	Line 89(a) + Line 89(e) + Line 89(f) + Line 89(g)
91(a)	Per Line 79(h)
91(h)	Line 87(h) - Line 89(h)
93(a)	Per Line 81(h)
95(a)	Line 93(a) / Line 91 (a)
95(h)	Per Line 71(h)
101(b)	Per Line 63(b)
101(f)	Per Line 75(b)
101(j)	Per Line 87(b)
102(b)	Per Page 6 of 27, Line 8/ 1000
102(f)	Per Page 4 of 27, Line 8(a) /1000
102(j)	Per Page 2 of 27, Line 8(a) /1000
103(b)	Per Page 6 of 27, Line 15/ 1000
103(f)	Per Page 4 of 27, Line 16(a) /1000
103(j)	Per Page 2 of 27, Line 16(a) /1000
104(b)	Per Line 65(g) *-1
104(f)	Per Line 77(g) * -1
104(j)	Per Line 89(g) * -1
106(b)	Sum of Lines 101(b) through Lines 104(b)
106(f)	Sum of Lines 101(f) through Lines 104(f)
106(j)	Sum of Lines 101(j) through Lines 104(j)
108(b)	Per Line 9(a)
108(f)	Per Line 9(a)
108(j)	Per Line 9(a)
109(c)	Line 108(b) * Line 120(a)
109(g)	Line 108(f)* Line 120(e)
109(k)	Line 108(j) * Line 120(i)
110(c)	Line 108(b) * Line 121(a)
110(g)	Line 108(f)* Line 121(e)
110(k)	Line 108(j) * Line 121(i)
111(c)	Line 108(b) * Line 122(a)
111(g)	Line 108(f) * Line 122(e)
111(k)	Line 108(j) * Line 122(i)
112(c)	Line 108(b) * Line 123(a)
112(g)	Line 108(f) * Line 123(e)
112(k)	Line 108(j) * Line 123(i)

Line Notes	
113(g)	Line 108(f) * Line 124(e)
113(k)	Line 108(j) * Line 124(i)
114(k)	Line 108(j) * Line 125(i)
115(c)	Sum of Lines 109(c) through Lines 114(c)
115(g)	Sum of Lines 109(g) through Lines 114(g)
115(k)	Sum of Lines 109(k) through Lines 114(k)
116(a)	Per Line 71(h)
116(e)	Per Line 83(h)
116(i)	Per Line 95(h)
117(a)	Per Line 9(a)
117(b)	Line 116(a)-Line 117(a)
117(e)	Per Line 9(a)
117(f)	Line 116(e)-Line 117(e)
117(i)	Per Line 9(a)
117(j)	Line 116(i)-Line 117(i)
119(a)	Per Line 5(a)
119(b)	Per Line 117(b)
119(c)	Line 119(a) * Line 117(b)
119(e)	Per Line 5(a)
119(f)	Per Line 117(f)
119(g)	Line 119(e) * Line 117(f)
119(i)	Per Line 5(a)
119(j)	Per Line 117(j)
119(k)	Line 119(i) * Line 117(j)
120(a)	Line 57(i) - ((Line 40(b)+Line 1(f))*3.40%)
120(b)	Per Line 117(b)
120(c)	Line 120(a) * Line 117(b)
120(e)	Line 120(e) * Line 117(b)
120(f)	Per Line 117(f)
120(g)	Line 120(e) * Line 117(f)
120(i)	Line 120(e) - ((Line 40(b)+Line 1(f))*3.40%)
120(j)	Per Line 117(j)
120(k)	Line 120(i) * 117(j)
121(a)	Line 58(i) - ((Line 40(f)+Line 14(f))*3.40%)
121(b)	Per Line 117(b)
121(c)	Line 121(a) * Line 117(b)
121(e)	Line 121(a) - ((Line 40(f)+Line 1(f))*3.40%)
121(f)	Per Line 117(f)
121(g)	Line 121(e) * Line 117(f)
121(i)	Line 121(e) - ((Line 40(f)+Line 14(f))*3.40%)
121(j)	Per Line 117(j)
121(k)	Line 121(i) * 117(j)
122(a)	Line 59(i) - ((Line 40(j)+Line 26(f))*3.40%)
122(b)	Per Line 117(b)
122(c)	Line 122(a) * Line 117(b)
122(e)	Line 122(a) - ((Line 40(j)+Line 26(f))*3.40%)
122(f)	Per Line 117(f)
122(g)	Line 122(e) * Line 117(f)
122(i)	Line 122(e) - ((Line 40(j)+Line 26(f))*3.40%)
122(j)	Per Line 117(j)
122(k)	Line 122(i) * Line 117(j)
123(a)	Per Line 106(b)
123(b)	Per Line 117(b)
123(c)	Line 123(a) * Line 117(b)
123(e)	Line 123(a) - ((Line 101(b)+Line 63(f))*3.40%)
123(f)	Per Line 117(f)
123(g)	Line 123(e) * Line 117(f)
123(i)	Line 123(e) - ((Line 101(b)+Line 63(f))*3.40%)
123(j)	Per Line 117(j)
123(k)	Line 123(i) * Line 117(j)
124(e)	Per Line 106(f)
124(f)	Per Line 117(f)
124(g)	Line 124(e) * 117(f)
124(i)	Line 124(e) - ((Line 101(f)+Line 75(f))*3.40%)
124(j)	Per Line 117(j)
124(k)	Line 124(i) * Line 117(j)
125(i)	Per Line 106(j)
125(j)	Per Line 117(j)
125(k)	Line 117(j) * Line 125(i)
126(c)	Sum of Lines 119(c) through Lines 125(c)
126(g)	Sum of Lines 119(g) through Lines 125(g)
126(k)	Sum of Lines 119(k) through Lines 125(k)
128(c)	Line 115(c) + Line 126(c)
128(g)	Line 115(g) + Line 126(g)
128(k)	Line 115(k) + Line 126(k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Deferred Income Tax ("DIT") Provisions and Net Operating Losses ("NOL")

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Total Base Rate Plant DIT Provision								
		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
2	Total Base Rate Plant DIT Provision								
3	Incremental FY 12	($228,498)	($226,281)	($224,120)	($222,009)	($219,947)	($217,927)	($129,569)	($128,404)
4	Incremental FY 13		($2,013,121)	($1,937,607)	($2,045,965)	($1,957,316)	($1,863,117)	($1,058,279)	($995,839)
5	Incremental FY 14			$2,763,058	$2,543,022	$2,439,963	$2,329,465	$1,327,239	$1,252,978
6	FY 2015				$24,793,846	$24,814,134	$24,778,689	$14,815,098	$14,734,356
7	FY 2016					$20,940,288	$21,076,521	$12,698,189	$12,723,285
8	FY 2017						$20,132,244	$12,145,920	$12,178,952
9	FY 2018							$9,181,974	$9,419,279
10	FY 2019								$8,692,897
11	TOTAL Plant DIT Provision	($228,498)	($2,239,403)	$601,331	$25,068,893	$46,017,122	$66,235,874	$48,980,571	$57,877,503

		(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
		CY 2011	CY 2012	Jan-2013	Feb 13 - Jan 14				
1	Total Base Rate Plant DIT Provision	$15,856,458	$5,546,827	$521,151	($1,967,911)				
		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
2	Total Base Rate Plant DIT Provision	$13,279,050	$4,353,286	($1,639,926)	$0	$0	$0	$0	$0
3	Incremental FY 12	($228,498)	$2,217	$2,161	$2,110	$2,063	$2,019	$88,358	$1,165
4	Incremental FY 13		($2,013,121)	$75,514	($108,358)	$88,649	$94,199	$804,838	$62,440
5	Incremental FY 14			$2,763,058	($220,036)	($103,059)	($110,498)	($1,002,226)	($74,261)
6	FY 2015				$24,793,846	$20,288	($35,445)	($9,963,590)	($80,742)
7	FY 2016					$20,940,288	$136,232	($8,378,332)	$25,096
8	FY 2017						$20,132,244	($7,986,324)	$33,032
9	FY 2018							$9,181,974	$237,305
10	FY 2019								$8,692,897
11	TOTAL Plant DIT Provision	$13,050,552	$2,342,381	$1,200,808	$24,467,561	$20,948,229	$20,218,752	($17,255,304)	$8,896,932
12	Distribution-related NOL	$3,434,992	$8,552,548	$13,179,356	$8,148,936	$10,693,796	$0	$0	$0
13	Lesser of Distribution-related NOL or DIT Provision	$3,434,992	$2,342,381	$1,200,808	$8,148,936	$10,693,796	$0	($17,255,304)	$0
14	Total NOL	$4,310,461	$11,442,811	$19,452,677	$12,108,052	$16,267,471	$0	$0	$0
15	NOL recovered in transmission rates	$875,468	$2,890,262	$6,273,321	$3,959,116	$5,573,675	$0	$0	$0
16	Distribution-related NOL	$3,434,992	$8,552,548	$13,179,356	$8,148,936	$10,693,796	$0	$0	$0

1(g) Per Dkt 4323 Compliance filing Attachment 1, Page 64 of 71, Line 19(e) less Line 19(a)
1(h)-1(j) Per Dkt 4323 Compliance filing Attachment 1, Page 70 of 71, Lines 32, 42, and 48
3(a)-9(f) ADIT per vintage year ISR revenue requirement calculations
3(g) -8(l) Year over year change in ADIT shown in Cols (a) through (e)
9 Sum of Lines 2 through 8
10 Line 14
11 Lesser of Line 9 or 10
12 Per Tax Department
13 Quarterly average transmission plant allocator per Integrated Facilities Agreement (IFA) * Line 12
14 Line 12 - Line 13

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
True-Up for FY 2012 through FY 2014 Net Operating Losses ("NOL")

		(a)	(b)	(c)	(d)	(e)	(f)
		Revenue Requirement Year					
		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
1	Return on Rate Base	9.30%	9.84%	9.68%	9.68%	9.68%	9.68%
		Vintage Capital Investment Year					
		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
2	Lesser of NOL or DIT Provision	$ 4,310,461	$ 2,342,381	$ 1,200,808	$ 12,108,052	$ 10,200,749	$ -
	Revenue Requirement Increase due to NOL						
		Revenue Requirement Year					
	Vintage Capital Investment Year	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
3	FY 2012	$ 200,436	$ 424,149	$ 417,253	$ 417,253	$ 417,253	$ 417,253
4	FY 2013	$ -	$ 115,245	$ 226,743	$ 226,743	$ 226,743	$ 226,743
5	FY 2014	$ -	$ -	$ 27,000	$ 116,238	$ 116,238	$ 116,238
6	FY 2015	$ -	$ -	$ -	$ 586,030	$ 1,172,059	$ 1,172,059
7	FY 2016	$ -	$ -	$ -	$ -	$ 493,716	$ 987,432
8	FY 2017	$ -	$ -	$ -	$ -	$ -	$ -
9	TOTAL	**$ 200,436**	**$ 539,395**	**$ 670,996**	**$ 1,346,263**	**$ 2,426,009**	**$ 2,919,725**
10	**Total FY 2012 through FY 2014 revenue requirement impact to be recovered over three years**						**$ 1,410,826**
11	**Recovery per year**						**$ 470,275**

1(a) Per Docket No. 4065
1(b)-(c) Per vintage year revenue requirement calculations at Page 14 of 29, and Page 12 of 29, respectively
2 FY2015 Revenue Requirement Reconciliation R.I.P.U.C. Docket No. 4473
3 Line 2(a) * Line 1(a) * 50%; Line 2(a) * Line 1(b); Line 2(a) * Line 1(c); Line 2(a) * Line 1(d); Line 2(a) * Line 1(e); Line 2(a) * Line 1(f)
4 Line 2(b) * Line 1(b) * 50%; Line 2(b) * Line 1(c); Line 2(b) * Line 1(d); Line 2(b) * Line 1(e); Line 2(b) * Line 1(f)
5 Line 2(c) * Line 1(c) * 23.23%; Line 2(c) * Line 1(d); Line 2(c) * Line 1(e); Line 2(c) * Line 1(f)
6 Line 2(d) * Line 1(d) * 50%; Line 2(d) * Line 1(e); Line 2(d) * Line 1(f)
7 Line 2(e) * Line 1(e) * 50%; Line 2(e) * Line 1(f)
8 Line 2(f) * Line 1(f) * 50%
9 Sum of Lines 3 through 8
10 Line 9(a) + Line 9(b) + Line 9(c)
11 Line 10(f) / 3

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2018 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (h) Total	(b) Vintage Year 2018	(c) Vintage Year 2017	(d) Vintage Year 2016
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29, Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$6,454,919	$992,555	$1,810,308	$1,479,463
2	Bonus Depreciation	Page 3 of 29, Line 13	($14,192,815)	($14,192,815)	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29, Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($7,352,332)	($1,618,196)	($2,127,323)	($1,728,398)
4	FY 2018 tax (gain)/loss on retirements	Page 3 of 29, Line 21	($1,760,937)	($1,760,937)	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($16,851,165)	($16,579,393)	($317,015)	($248,935)
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($5,897,908)	($5,802,787)	($110,955)	($87,127)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3 of 29, Line 3	($17,498,293)	($17,498,293)		
9	Cost of Removal	Page 3 of 29, Line 22	($9,646,000)	($9,646,000)		
10	Book/Tax Depreciation Timing Difference at 3/31/2017		$0	$0		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	($27,144,293)	($27,144,293)		
12	Effective Tax Rate		35.00%	35.00%		
13	Deferred Tax Reserve	Line 11 * Line 12	($9,500,503)	($9,500,503)		
14	Total Deferred Tax Reserve	Line 7 + Line 13	($15,398,410)	($15,303,290)	($110,955)	($87,127)
15	Net Operating Loss	Page 2 of 29, Line 21	$0	$0		
16	Net Deferred Tax Reserve	Line 14 + Line 15	($15,398,410)	($15,303,290)	($110,955)	($87,127)
	Allocation of FY 2018 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($16,579,393)	($16,579,393)		
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	($27,144,293)	($27,144,293)		
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($43,723,686)	($43,723,686)		
20	Total FY 2018 Federal NOL	(Page 2 of 29, Line 21) / 35%	$0	$0		
21	Allocated FY 2018 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0	$0		
22	Allocated FY 2018 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0	$0		
23	Effective Tax Rate		35.00%	35.00%		
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0	$0		
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($5,897,908)	($5,802,787)	($110,955)	($87,127)

Line No.	Proration Calculation	(i) Number of Days in Month	(j) Proration Percentage	(k)= Sum of (l) through (r)	(l)	(m)	(n)
26	April 2017	30	91.78%	($451,096)	($443,821)	($8,486)	($6,664)
27	May 2017	31	83.29%	($409,353)	($402,751)	($7,701)	($6,047)
28	June 2017	30	75.07%	($368,956)	($363,005)	($6,941)	($5,450)
29	July 2017	31	66.58%	($327,213)	($321,935)	($6,156)	($4,834)
30	August 2017	31	58.08%	($285,470)	($280,866)	($5,370)	($4,217)
31	September 2017	30	49.86%	($245,073)	($241,120)	($4,610)	($3,620)
32	October 2017	31	41.37%	($203,330)	($200,050)	($3,825)	($3,004)
33	November 2017	30	33.15%	($162,933)	($160,305)	($3,065)	($2,407)
34	December 2017	31	24.66%	($121,190)	($119,235)	($2,280)	($1,790)
35	January 2018	31	16.16%	($79,447)	($78,165)	($1,495)	($1,174)
36	February 2018	28	8.49%	($41,743)	($41,070)	($785)	($617)
37	March 2018	31	0.00%	$0	$0	$0	$0
38	Total	365		($2,695,802)	($2,652,324)	($50,715)	($39,824)
39	Deferred Tax Without Proration	Line 25		($5,897,908)	($5,802,787)	($110,955)	($87,127)
40	Proration Adjustment	Line 38 - Line 39		$3,202,106	$3,150,463	$60,240	$47,303

Column Notes:
(k) Sum of remaining days in the year (Col (i)) ÷ 365
(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2018 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (h) Total	(e) Vintage Year 2015	(f) Vintage Year 2014	(g) Vintage Year 2013	(h) Vintage Year 2012
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29, Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$6,454,919	$2,062,926	$578,263	($464,370)	($4,227)
2	Bonus Depreciation	Page 3 of 29, Line 13	($14,192,815)	$0	$0	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29, Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($7,352,332) $	(1,814,760)	($242,832)	$180,604	($1,427)
4	FY 2018 tax (gain)/loss on retirements	Page 3 of 29, Line 21	($1,760,937)	$0	$0	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($16,851,165)	$248,166	$335,430	($283,766)	($5,653)
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($5,897,908)	$86,858	$117,401	($99,318)	($1,979)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 3 of 29, Line 3	($17,498,293)				
9	Cost of Removal	Page 3 of 29, Line 22	($9,646,000)				
10	Book/Tax Depreciation Timing Difference at 3/31/2017		$0				
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	($27,144,293)				
12	Effective Tax Rate		35.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	($9,500,503)				
14	Total Deferred Tax Reserve	Line 7 + Line 13	($15,398,410)	$86,858	$117,401	($99,318)	($1,979)
15	Net Operating Loss	Page 2 of 29, Line 21	$0				
16	Net Deferred Tax Reserve	Line 14 + Line 15	($15,398,410)	$86,858	$117,401	($99,318)	($1,979)
	Allocation of FY 2018 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($16,579,393)				
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	($27,144,293)				
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($43,723,686)				
20	Total FY 2018 Federal NOL	(Page 2 of 29, Line 21) / 35%	$0				
21	Allocated FY 2018 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0				
22	Allocated FY 2018 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0				
23	Effective Tax Rate		35.00%				
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0				
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($5,897,908)	$86,858	$117,401	($99,318)	($1,979)

Line No.	Proration Calculation	(i) Number of Days in Month	(j) Proration Percentage	(k)= Sum of (l) through (r)	(o)	(p)	(q)	(r)
26	April 2017	30	91.78%	($451,096)	$6,643	$8,979	($7,596)	($151)
27	May 2017	31	83.29%	($409,353)	$6,029	$8,148	($6,893)	($137)
28	June 2017	30	75.07%	($368,956)	$5,434	$7,344	($6,213)	($124)
29	July 2017	31	66.58%	($327,213)	$4,819	$6,513	($5,510)	($110)
30	August 2017	31	58.08%	($285,470)	$4,204	$5,682	($4,807)	($96)
31	September 2017	30	49.86%	($245,073)	$3,609	$4,878	($4,127)	($82)
32	October 2017	31	41.37%	($203,330)	$2,994	$4,047	($3,424)	($68)
33	November 2017	30	33.15%	($162,933)	$2,400	$3,243	($2,744)	($55)
34	December 2017	31	24.66%	($121,190)	$1,785	$2,412	($2,041)	($41)
35	January 2018	31	16.16%	($79,447)	$1,170	$1,581	($1,338)	($27)
36	February 2018	28	8.49%	($41,743)	$615	$831	($703)	($14)
37	March 2018	31	0.00%	$0	$0	$0	$0	$0
38	Total	365		($2,695,802)	$39,701	$53,661	($45,396)	($904)
39	Deferred Tax Without Proration	Line 25		($5,897,908)	$86,858	$117,401	($99,318)	($1,979)
40	Proration Adjustment	Line 38 - Line 39		$3,202,106	($47,157)	($63,739)	$53,922	$1,074

Column Notes:

(k) Sum of remaining days in the year (Col (i)) ÷ 365

(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2019 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (i) Total	(b) Vintage Year 2019	(c) Vintage Year 2018	(d) Vintage Year 2017	(e) Vintage Year 2016
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29 Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$8,465,160	$1,017,686	$1,985,110	$1,810,308	$1,479,463
2	Bonus Depreciation	Page 3 of 29, Line 13	$0	$0	$0	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29 Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($10,688,609)	($2,269,538)	($3,115,135)	($1,967,605)	($1,598,969)
4	FY 2019 tax (gain)/loss on retirements	Page 3 of 29, Line 21	($3,492,895)	($3,492,895)	$0	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($5,710,797)	($4,744,747)	($1,130,025)	($157,297)	($119,506)
6	Effective Tax Rate		35.00%	21.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($1,998,779)	($996,397)	($395,509)	($55,054)	($41,827)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 3 of 29, Line 3	($24,816,000)	($24,816,000)			
9	Cost of Removal	Page 3 of 29, Line 22	($11,834,000)	($11,834,000)			
10	Book/Tax Depreciation Timing Difference at 3/31/2018		$0	$0			
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	($36,650,000)	($36,650,000)			
12	Effective Tax Rate		35.00%	35.00%			
13	Deferred Tax Reserve	Line 11 * Line 12	($12,827,500)	($12,827,500)			
14	Total Deferred Tax Reserve	Line 7 + Line 13	($14,826,279)	($13,823,897)	($395,509)	($55,054)	($41,827)
15	Net Operating Loss	Page 2 of 29, Line 21	$0	$0			
16	Net Deferred Tax Reserve	Line 14 + Line 15	($14,826,279)	($13,823,897)	($395,509)	($55,054)	($41,827)
	Allocation of FY 2019 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($4,744,747)	($4,744,747)			
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	($36,650,000)	($36,650,000)			
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($41,394,747)	($41,394,747)			
20	Total FY 2019 Federal NOL	(Page 2 of 29, Line 21) / 35%	$0	$0			
21	Allocated FY 2019 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0	$0			
22	Allocated FY 2019 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0	$0			
23	Effective Tax Rate		35.00%	35.00%			
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0	$0			
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($1,336,456)	($996,397)	($395,509)	($55,054)	($41,827)

Line No.	Proration Calculation	(j) Number of Days in Month	(k) Proration Percentage	(l)= Sum of (m) through (t)	(m)	(n)	(o)	(p)
26	April 2018	30	91.78%	($102,218)	($76,208)	($30,250)	($4,211)	($3,199)
27	May 2018	31	83.29%	($92,759)	($69,156)	($27,451)	($3,821)	($2,903)
28	June 2018	30	75.07%	($83,605)	($62,332)	($24,742)	($3,444)	($2,617)
29	July 2018	31	66.58%	($74,146)	($55,280)	($21,943)	($3,054)	($2,321)
30	August 2018	31	58.08%	($64,687)	($48,227)	($19,143)	($2,665)	($2,025)
31	September 2018	30	49.86%	($55,533)	($41,403)	($16,434)	($2,288)	($1,738)
32	October 2018	31	41.37%	($46,074)	($34,351)	($13,635)	($1,898)	($1,442)
33	November 2018	30	33.15%	($36,920)	($27,526)	($10,926)	($1,521)	($1,155)
34	December 2018	31	24.66%	($27,461)	($20,474)	($8,127)	($1,131)	($859)
35	January 2019	31	16.16%	($18,002)	($13,422)	($5,328)	($742)	($563)
36	February 2019	28	8.49%	($9,459)	($7,052)	($2,799)	($390)	($296)
37	March 2019	31	0.00%	$0	$0	$0	$0	$0
38	Total	365		($610,864)	($455,431)	($180,778)	($25,164)	($19,118)
39	Deferred Tax Without Proration	Line 25		($1,336,456)	($996,397)	($395,509)	($55,054)	($41,827)
40	Proration Adjustment	Line 38 - Line 39		$725,592	$540,966	$214,730	$29,890	$22,709

Column Notes:
(k) Sum of remaining days in the year (Col (i)) ÷ 365
(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2019 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (i) Total	(f) Vintage Year 2015	(g) Vintage Year 2014	(h) Vintage Year 2013	(i) Vintage Year 2012
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29 Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$8,465,160	$2,062,926	$578,263	($464,370)	($4,227)
2	Bonus Depreciation	Page 3 of 29, Line 13	$0	$0	$0	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29 Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($10,688,609)	(1,678,440)	($224,640)	$167,038	($1,320)
4	FY 2019 tax (gain)/loss on retirements	Page 3 of 29, Line 21	($3,492,895)	$0	$0	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($5,710,797)	$384,486	$353,622	($297,333)	($5,547)
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($1,998,779)	$134,570	$123,768	($104,066)	($1,941)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 3 of 29, Line 3	($24,816,000)				
9	Cost of Removal	Page 3 of 29, Line 22	($11,834,000)				
10	Book/Tax Depreciation Timing Difference at 3/31/2018		$0				
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	($36,650,000)				
12	Effective Tax Rate		35.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	($12,827,500)				
14	Total Deferred Tax Reserve	Line 7 + Line 13	($14,826,279)	$134,570	$123,768	($104,066)	($1,941)
15	Net Operating Loss	Page 2 of 29, Line 21	$0				
16	Net Deferred Tax Reserve	Line 14 + Line 15	($14,826,279)	$134,570	$123,768	($104,066)	($1,941)
	Allocation of FY 2019 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($4,744,747)				
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	($36,650,000)				
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($41,394,747)				
20	Total FY 2019 Federal NOL	(Page 2 of 29, Line 21) / 35%	$0				
21	Allocated FY 2019 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0				
22	Allocated FY 2019 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0				
23	Effective Tax Rate		35.00%				
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0				
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($1,336,456)	$134,570	$123,768	($104,066)	($1,941)

		(j)	(k)					
	Proration Calculation	Number of Days in Month	Proration Percentage	(l)= Sum of (m) through (t)	(q)	(r)	(s)	(t)
26	April 2018	30	91.78%	($102,218)	$10,292	$9,466	($7,959)	($148)
27	May 2018	31	83.29%	($92,759)	$9,340	$8,590	($7,223)	($135)
28	June 2018	30	75.07%	($83,605)	$8,418	$7,743	($6,510)	($121)
29	July 2018	31	66.58%	($74,146)	$7,466	$6,867	($5,774)	($108)
30	August 2018	31	58.08%	($64,687)	$6,513	$5,991	($5,037)	($94)
31	September 2018	30	49.86%	($55,533)	$5,592	$5,143	($4,324)	($81)
32	October 2018	31	41.37%	($46,074)	$4,639	$4,267	($3,588)	($67)
33	November 2018	30	33.15%	($36,920)	$3,718	$3,419	($2,875)	($54)
34	December 2018	31	24.66%	($27,461)	$2,765	$2,543	($2,138)	($40)
35	January 2019	31	16.16%	($18,002)	$1,813	$1,667	($1,402)	($26)
36	February 2019	28	8.49%	($9,459)	$952	$876	($737)	($14)
37	March 2019	31	0.00%	$0	$0	$0	$0	$0
38	Total	365		($610,864)	$61,509	$56,572	($47,566)	($887)
39	Deferred Tax Without Proration	Line 25		($1,336,456)	$134,570	$123,768	($104,066)	($1,941)
40	Proration Adjustment	Line 38 - Line 39		$725,592	($73,061)	($67,196)	$56,500	$1,054

Column Notes:
(k) Sum of remaining days in the year (Col (i)) ÷ 365
(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2020 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (h) Total	(b) Vintage Year 2019	(c) Vintage Year 2018	(d) Vintage Year 2017	(e) Vintage Year 2016
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29, Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$9,482,847	$2,035,373	$1,985,110	$1,810,308	$1,479,463
2	Bonus Depreciation		$0	$0	$0	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29, Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($12,156,617)	($4,369,011)	($2,881,252)	($1,820,263)	($1,478,858)
4	FY 2019 tax (gain)/loss on retirements		$0	$0	$0	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($2,673,771)	($2,333,638)	($896,142)	($9,955)	$605
6	Effective Tax Rate		35.00%	21.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($935,820)	($490,064)	($313,650)	($3,484)	$212
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		$0	$0			
9	Cost of Removal		$0	$0			
10	Book/Tax Depreciation Timing Difference at 3/31/2018		$0	$0			
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	$0	$0			
12	Effective Tax Rate		35.00%	35.00%			
13	Deferred Tax Reserve	Line 11 * Line 12	$0	$0			
14	Total Deferred Tax Reserve	Line 7 + Line 13	($935,820)	($490,064)	($313,650)	($3,484)	$212
15	Net Operating Loss		$0	$0			
16	Net Deferred Tax Reserve	Line 14 + Line 15	($935,820)	($490,064)	($313,650)	($3,484)	$212
	Allocation of FY 2019 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($2,333,638)	($2,333,638)			
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	$0	$0			
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($2,333,638)	($2,333,638)			
20	Total FY 2019 Federal NOL		$0	$0			
21	Allocated FY 2019 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0	$0			
22	Allocated FY 2019 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0	$0			
23	Effective Tax Rate		35.00%	35.00%			
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0	$0			
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($609,110)	($490,064)	($313,650)	($3,484)	$212

		(j)	(k)					
	Proration Calculation	Number of Days in Month	Proration Percentage	(l)= Sum of (m) through (t)	(m)	(n)	(o)	(p)
26	April 2018	30	91.78%	($46,587)	($37,482)	($23,989)	($266)	$16
27	May 2018	31	83.29%	($42,276)	($34,014)	($21,769)	($242)	$15
28	June 2018	30	75.07%	($38,104)	($30,657)	($19,621)	($218)	$13
29	July 2018	31	66.58%	($33,793)	($27,188)	($17,401)	($193)	$12
30	August 2018	31	58.08%	($29,482)	($23,720)	($15,181)	($169)	$10
31	September 2018	30	49.86%	($25,310)	($20,363)	($13,033)	($145)	$9
32	October 2018	31	41.37%	($20,999)	($16,895)	($10,813)	($120)	$7
33	November 2018	30	33.15%	($16,827)	($13,538)	($8,665)	($96)	$6
34	December 2018	31	24.66%	($12,516)	($10,070)	($6,445)	($72)	$4
35	January 2019	31	16.16%	($8,205)	($6,601)	($4,225)	($47)	$3
36	February 2019	28	8.49%	($4,311)	($3,468)	($2,220)	($25)	$1
37	March 2019	31	0.00%	$0	$0	$0	$0	$0
38	Total	365		($278,411)	($223,997)	($143,362)	($1,593)	$97
39	Deferred Tax Without Proration	Line 25		($609,110)	($490,064)	($313,650)	($3,484)	$212
40	Proration Adjustment	Line 38 - Line 39		$330,700	$266,067	$170,287	$1,892	($115)

Column Notes:
(k) Sum of remaining days in the year (Col (i)) ÷ 365
(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of FY 2020 Net Deferred Tax Reserve Proration

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b) through (h) Total	(f) Vintage Year 2015	(g) Vintage Year 2014	(h) Vintage Year 2013	(i) Vintage Year 2012
1	Book Depreciation	Col (b) = Page 2 of 29, Line 16; Col (c) = Page 4 of 29, Line 16; Col (d) = Page 6 of 29, Line 16; Col (e) = Page 8 of 29, Line 16; Col (f) = Page 10 of 29, Line 16; Col (g) = Page 12 of 29, Line 16; Col (h) = Page 14 of 29, Line 15; Col (i) = Page 16 of 29, Line 13	$9,482,847	$2,062,926	$578,263	($464,370)	($4,227)
2	Bonus Depreciation		$0	$0	$0	$0	$0
3	Remaining MACRS Tax Depreciation	Col (b) = Page 3 of 29, Line 20; Col (c) = Page 5 of 29, Line 18; Col (d) = Page 7 of 29, Line 18; Col (e) = Page 9 of 29, Line 18; Col (f) = Page 11 of 29, Line 18; Col (g) = Page 13 of 29, Line 18; Col (h) = Page 15 of 29, Line 18; Col (i) = Page 17 of 29, Line 18	($12,156,617)	$ (1,552,696)	($207,766)	$154,530	($1,302)
4	FY 2019 tax (gain)/loss on retirements		$0	$0	$0	$0	$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	($2,673,771)	$510,230	$370,497	($309,840)	($5,529)
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	($935,820)	$178,581	$129,674	($108,444)	($1,935)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		$0				
9	Cost of Removal		$0				
10	Book/Tax Depreciation Timing Difference at 3/31/2018		$0				
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	$0				
12	Effective Tax Rate		35.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	$0				
14	Total Deferred Tax Reserve	Line 7 + Line 13	($935,820)	$178,581	$129,674	($108,444)	($1,935)
15	Net Operating Loss		$0				
16	Net Deferred Tax Reserve	Line 14 + Line 15	($935,820)	$178,581	$129,674	($108,444)	($1,935)
	Allocation of FY 2019 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	($2,333,638)				
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	$0				
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	($2,333,638)				
20	Total FY 2019 Federal NOL		$0				
21	Allocated FY 2019 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	$0				
22	Allocated FY 2019 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	$0				
23	Effective Tax Rate		35.00%				
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	$0				
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	($609,110)	$178,581	$129,674	($108,444)	($1,935)

	Proration Calculation	(j) Number of Days in Month	(k) Proration Percentage	(l)= Sum of (m) through (t)	(q)	(r)	(s)	(t)
26	April 2018	30	91.78%	($46,587)	$13,659	$9,918	($8,294)	($148)
27	May 2018	31	83.29%	($42,276)	$12,395	$9,000	($7,527)	($134)
28	June 2018	30	75.07%	($38,104)	$11,171	$8,112	($6,784)	($121)
29	July 2018	31	66.58%	($33,793)	$9,908	$7,194	($6,016)	($107)
30	August 2018	31	58.08%	($29,482)	$8,644	$6,276	($5,249)	($94)
31	September 2018	30	49.86%	($25,310)	$7,420	$5,388	($4,506)	($80)
32	October 2018	31	41.37%	($20,999)	$6,157	$4,470	($3,739)	($67)
33	November 2018	30	33.15%	($16,827)	$4,933	$3,582	($2,996)	($53)
34	December 2018	31	24.66%	($12,516)	$3,669	$2,665	($2,228)	($40)
35	January 2019	31	16.16%	($8,205)	$2,406	$1,747	($1,461)	($26)
36	February 2019	28	8.49%	($4,311)	$1,264	$918	($768)	($14)
37	March 2019	31	0.00%	$0	$0	$0	$0	$0
38	Total	365		($278,411)	$81,625	$59,271	($49,567)	($885)
39	Deferred Tax Without Proration	Line 25		($609,110)	$178,581	$129,674	($108,444)	($1,935)
40	Proration Adjustment	Line 38 - Line 39		$330,700	($96,955)	($70,403)	$58,877	$1,051

Column Notes:
(k) Sum of remaining days in the year (Col (i)) ÷ 365
(m) through (t) = Current Year Line 25 ÷ 12 * Current Month Col (k)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Excess Deferred Taxes

Line No.	Vintage Year	Cumulative Book Tax Timing Difference at 3/31/17 (a)	Cumulative Book Tax Timing Difference at 3/31/18 (b)	Difference (c) = (b)-(a)	Pro-Rated Change as of 12/31/17 (d)= (c) * 75%	Cumulative Timing Difference through 12/31/17 (e)= (d)*14%	Excess Deferred Taxes at 12/31/17 (f)
1	2012	$ (622,650)	$ (616,996)	$ 5,653	$ 4,240	$ (618,410)	$ (86,577)
2	2013	$ (5,323,191)	$ (5,039,425)	$ 283,766	$ 212,824	$ (5,110,367)	$ (715,451)
3	2014	$ 6,655,614	$ 6,320,184	$ (335,430)	$ (251,573)	$ 6,404,042	$ 896,566
4	2015	$ 70,796,254	$ 70,548,087	$ (248,166)	$ (186,125)	$ 70,610,129	$ 9,885,418
5	2016	$ 60,218,631	$ 60,467,565	$ 248,935	$ 186,701	$ 60,405,332	$ 8,456,746
6	2017	$ 57,520,698	$ 57,837,713	$ 317,015	$ 237,761	$ 57,758,459	$ 8,086,184
7	2018	$ -	$ 43,723,686	$ 43,723,686	$ 32,792,764	$ 32,792,764	$ 4,590,987

Line Notes

1(a)	Page 16, Line 15(f)
1(b)	Page 16, Line 15(h)
2(a)	Page 14, Line 17(e)
2(b)	Page 14, Line 17(g)
3(a)	Page 12, Line 18(d)
3(b)	Page 12, Line 18(f)
4(a)	Page 10 Line 18(c)
4(b)	Page 10, Line 18(e)
5(a)	Page 8, Line 18(b)
5(b)	Page 8, Line 18(d)
6(a)	Page 6, Line 18(a)
6(b)	Page 6, Line 18(b)
7(b)	Page 4, Line 18(a)

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Weighted Average Cost of Capital

Line No.						
1	Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065					
2		(a)	(b)	(c)	(d)	(e)
3		Ratio	Rate	Rate	Taxes	Return
4	Long Term Debt	52.08%	5.30%	2.76%		2.76%
5	Short Term Debt	4.98%	1.60%	0.08%		0.08%
6	Preferred Stock	0.19%	4.50%	0.01%		0.01%
7	Common Equity	42.75%	9.80%	4.19%	2.26%	6.45%
8		100.00%		7.04%	2.26%	9.30%
9						
10	Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323 at 35% income tax rate					
11		(a)	(b)	(c)	(d)	(e)
12		Ratio	Rate	Rate	Taxes	Return
13	Long Term Debt	49.95%	4.96%	2.48%		2.48%
14	Short Term Debt	0.76%	0.79%	0.01%		0.01%
15	Preferred Stock	0.15%	4.50%	0.01%		0.01%
16	Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
17		100.00%		7.17%	2.51%	9.68%
18						
19	(d) - Column (c) x 35% divided by (1 - 35%)					
20						
21	Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323 at 21% income tax rate					
22		Ratio	Rate	Rate	Taxes	Return
23	Long Term Debt	49.95%	4.96%	2.48%		2.48%
24	Short Term Debt	0.76%	0.79%	0.01%		0.01%
25	Preferred Stock	0.15%	4.50%	0.01%		0.01%
26	Common Equity	49.14%	9.50%	4.67%	1.24%	5.91%
27		100.00%		7.17%	1.24%	8.41%
28						
29	(d) - Column (c) x 21% divided by (1 - 21%)					
30						
31				FY18 Blended Rate		9.36%
32				Line 17(e) x 75% + Line 27(e) x 25%		

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

		Residential A-16 / A-60 (a)	Small C&I C-06 (b)	General C&I G-02 (c)	200 kW Demand B-32 (d)	200 kW Demand G-32 (e)	5000 kW Demand B-62 (f)	5000 kW Demand G-62 (g)	Lighting S-05 / S-06 S-10 / S-14 (h)	Propulsion X-01 (i)
(1)	O&M Factor per kWh	$0.00175	$0.00176	$0.00128	$0.00083	$0.00083	n/a	n/a	$0.01722	$0.00128
(2)	O&M Factor per kW	n/a	n/a	n/a	n/a	n/a	$0.41	$0.41	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	$0.00355	$0.00322	n/a	n/a	n/a	n/a	n/a	$0.02215	$0.00261
(5)	CapEx kW Factor	n/a	n/a	$0.80	$0.87	$0.87	$0.72	$0.72	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
Approved FY19 Operations & Maintenance Factors
Effective April 1, 2018 - March 31, 2019

		Total (a)	Residential A-16 / A60 (b)	Small C&I C-06 (c)	General C&I G-02 (d)	200 kW Demand B-32 / G-32 (e)	5000 kW Demand B-62 / G-62 (f)	Lighting S-05 / S-06 S-10 / S-14 (g)	Propulsion X-01 (h)
(1)	FY2019 Forecasted Vegetation Management and Inspection & Maintenance O&M Expense	$10,772,251							
(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	$10,772,251	$5,173,038	$1,058,788	$1,664,802	$1,643,645	$394,741	$806,408	$30,830
(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		$0.00175	$0.00176	$0.00128	$0.00083	n/a	$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

(1) per Compliance Section 5: Attachment 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
Approved FY19 CapEx Factors
Effective April 1, 2018 - March 31, 2019

		Total	Residential	Small C&I	General C&I	200 kW Demand	5000 kW Demand	Lighting S-05 / S-06	Propulsion
			A-16 / A60	C-06	G-02	B-32 / G-32	B-62 / G-62	S-10 / S-14	X-01
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
(1)	Approved FY2019 Capital Investment Component of Revenue Requirement	$19,895,485							
(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 Approved Revenue Requirement	$19,895,485	$10,500,985	$1,931,755	$2,920,545	$2,750,226	$692,241	$1,037,255	$62,477
(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)	Approved CapEx Factor - per kWh		$0.00355	$0.00322	n/a	n/a	n/a	$0.02215	$0.00261
(7)	Forecasted kW - April 2018 through March 2019				3,620,514	3,125,694	950,923		
(8)	Approved CapEx Factor - per kW		n/a	n/a	$0.80	$0.87	$0.72	n/a	n/a

(1) per Compliance Section 5: Attachment 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 B-32 (a)	5000 kW Demand B-62 (b)
	Operations & Maintenance Factors		
(1)	Allocated Vegetation Management and Inspection & Maintenance O&M Expense	$1,643,645	$394,741
(2)	Forecasted kW - April 2018 through March 2019	3,125,694	950,923
(3)	Vegetation Management and Inspection & Maintenance O&M Expense Charge per kW	$0.52	$0.41
(4)	Discounted O&M kW Factor effective April 1, 2018	$0.05	$0.04
	CapEx Factors		
(5)	Approved CapEx kW Factor effective April 1, 2018	$0.87	$0.72
(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 Approved
Rates Applicable to A-16 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage of Customers
	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
150	$20.36	$14.27	$1.44	$36.07	$20.48	$14.27	$1.45	$36.20	$0.12	$0.00	$0.01	$0.13	0.3%	0.0%	0.0%	0.4%	30.1%
300	$34.14	$28.55	$2.61	$65.30	$34.38	$28.55	$2.62	$65.55	$0.24	$0.00	$0.01	$0.25	0.4%	0.0%	0.0%	0.4%	12.9%
400	$43.32	$38.06	$3.39	$84.77	$43.64	$38.06	$3.40	$85.10	$0.32	$0.00	$0.01	$0.33	0.4%	0.0%	0.0%	0.4%	11.6%
500	$52.51	$47.58	$4.17	$104.26	$52.90	$47.58	$4.19	$104.67	$0.39	$0.00	$0.02	$0.41	0.4%	0.0%	0.0%	0.4%	9.6%
600	$61.69	$57.09	$4.95	$123.73	$62.16	$57.09	$4.97	$124.22	$0.47	$0.00	$0.02	$0.49	0.4%	0.0%	0.0%	0.4%	7.7%
700	$70.87	$66.61	$5.73	$143.21	$71.42	$66.61	$5.75	$143.78	$0.55	$0.00	$0.02	$0.57	0.4%	0.0%	0.0%	0.4%	19.0%
1,200	$116.79	$114.18	$9.62	$240.59	$117.73	$114.18	$9.66	$241.57	$0.94	$0.00	$0.04	$0.98	0.4%	0.0%	0.0%	0.4%	6.8%
2,000	$190.25	$190.30	$15.86	$396.41	$191.83	$190.30	$15.92	$398.05	$1.58	$0.00	$0.06	$1.64	0.4%	0.0%	0.0%	0.4%	2.3%

			Present Rates	Proposed Rates	Line Item on Bill
			(o)	(p)	
(1)	Distribution Customer Charge		$5.00	$5.00	Customer Charge
(2)	LIHEAP Enhancement Charge		$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge		$0.78	$0.78	RE Growth Program
(4)	Distribution Charge (per kWh)		$0.03664	$0.03664	Distribution Energy Charge
(5)	Operating & Maintenance Expense Charge		$0.00163	$0.00175	
(6)	Operating & Maintenance Expense Reconciliation Factor		($0.00001)	($0.00001)	
(7)	CapEx Factor Charge		$0.00288	$0.00355	
(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	Renewable Energy Distribution Charge
(13)	Net Metering Charge		$0.00023	$0.00023	
(14)	Base Transmission Charge		$0.03169	$0.03169	Transmission Charge
(15)	Transmission Adjustment Factor		($0.00029)	($0.00029)	
(16)	Transmission Uncollectible Factor		$0.00039	$0.00039	
(17)	Base Transition Charge		$0.00009	$0.00009	Transition Charge
(18)	Transition Adjustment		$0.00048	$0.00048	
(19)	Energy Efficiency Program Charge		$0.01002	$0.01002	Energy Efficiency Programs
(20)	Standard Offer Service Base Charge		$0.09792	$0.09792	Supply Services Energy Charge
(21)	SOS Adjustment Factor		($0.00465)	($0.00465)	
(22)	SOS Adminstrative Cost Adjustment Factor		$0.00148	$0.00148	
(23)	Renewable Energy Standard Charge		$0.00040	$0.00040	
	Line Item on Bill				
(24)	Customer Charge		$5.00	$5.00	
(25)	LIHEAP Enhancement Charge		$0.81	$0.81	
(26)	RE Growth Program		$0.78	$0.78	
(27)	Transmission Charge	kWh x	$0.03179	$0.03179	
(28)	Distribution Energy Charge	kWh x	$0.04300	$0.04379	
(29)	Transition Charge	kWh x	$0.00057	$0.00057	
(30)	Energy Efficiency Programs	kWh x	$0.01002	$0.01002	
(31)	Renewable Energy Distribution Charge	kWh x	$0.00645	$0.00645	
(32)	Supply Services Energy Charge	kWh x	$0.09515	$0.09515	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (a)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (a)

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

Monthly kWh	Present Rates Delivery Services	Present Rates Supply Services	Present Rates GET	Present Rates Total	Proposed Rates Delivery Services	Proposed Rates Supply Services	Proposed Rates GET	Proposed Rates Total	$ Increase (Decrease) Delivery Services	$ Increase (Decrease) Supply Services	$ Increase (Decrease) GET	$ Increase (Decrease) Total	Increase (Decrease) % of Total Bill Delivery Services	Increase (Decrease) % of Total Bill Supply Services	Increase (Decrease) % of Total Bill GET	Increase (Decrease) % of Total Bill Total	Percentage of Customers
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
150	$13.34	$14.27	$1.15	$28.76	$13.46	$14.27	$1.16	$28.89	$0.12	$0.00	$0.01	$0.13	0.4%	0.0%	0.0%	0.5%	32.1%
300	$25.10	$28.55	$2.24	$55.89	$25.34	$28.55	$2.25	$56.14	$0.24	$0.00	$0.01	$0.25	0.4%	0.0%	0.0%	0.4%	15.4%
400	$32.93	$38.06	$2.96	$73.95	$33.25	$38.06	$2.97	$74.28	$0.32	$0.00	$0.01	$0.33	0.4%	0.0%	0.0%	0.4%	12.5%
500	$40.77	$47.58	$3.68	$92.03	$41.17	$47.58	$3.70	$92.45	$0.40	$0.00	$0.02	$0.42	0.4%	0.0%	0.0%	0.5%	9.6%
600	$48.61	$57.09	$4.40	$110.10	$49.08	$57.09	$4.42	$110.59	$0.47	$0.00	$0.02	$0.49	0.4%	0.0%	0.0%	0.4%	7.2%
700	$56.44	$66.61	$5.13	$128.18	$57.00	$66.61	$5.15	$128.76	$0.56	$0.00	$0.02	$0.58	0.4%	0.0%	0.0%	0.5%	16.4%
1,200	$95.62	$114.18	$8.74	$218.54	$96.57	$114.18	$8.78	$219.53	$0.95	$0.00	$0.04	$0.99	0.4%	0.0%	0.0%	0.5%	5.2%
2,000	$158.31	$190.30	$14.53	$363.14	$159.89	$190.30	$14.59	$364.78	$1.58	$0.00	$0.06	$1.64	0.4%	0.0%	0.0%	0.5%	1.6%

	Present Rates (o)	Proposed Rates (p)	Line Item on Bill
(1) Distribution Customer Charge	$0.00	$0.00	Customer Charge
(2) LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Charge	$0.78	$0.78	Renewable Energy Growth Charge
(4) Distribution Charge (per kWh)	$0.02317	$0.02317	
(5) Operating & Maintenance Expense Charge	$0.00163	$0.00175	
(6) Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(7) CapEx Factor Charge	$0.00288	$0.00355	Distribution Energy Charge
(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	Renewable Energy Distribution Charge
(13) Net Metering Charge	$0.00023	$0.00023	
(14) Base Transmission Charge	$0.03169	$0.03169	
(15) Transmission Adjustment Factor	($0.00029)	($0.00029)	Transmission Charge
(16) Transmission Uncollectible Factor	$0.00039	$0.00039	
(17) Base Transition Charge	$0.00009	$0.00009	Transition Charge
(18) Transition Adjustment	$0.00048	$0.00048	
(19) Energy Efficiency Program Charge	$0.01002	$0.01002	Energy Efficiency Programs
(20) Standard Offer Service Base Charge	$0.09792	$0.09792	
(21) SOS Adjustment Factor	($0.00465)	($0.00465)	Supply Services Energy Charge
(22) SOS Adminstrative 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	$0.03032	
(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. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (a)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (a)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to C-06 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage of Customers
	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
250	$33.16	$23.38	$2.36	$58.90	$33.31	$23.38	$2.36	$59.05	$0.15	$0.00	$0.00	$0.15	0.3%	0.0%	0.0%	0.3%	56.3%
500	$54.24	$46.75	$4.21	$105.20	$54.54	$46.75	$4.22	$105.51	$0.30	$0.00	$0.01	$0.31	0.3%	0.0%	0.0%	0.3%	16.9%
1,000	$96.41	$93.50	$7.91	$197.82	$97.01	$93.50	$7.94	$198.45	$0.60	$0.00	$0.03	$0.63	0.3%	0.0%	0.0%	0.3%	8.1%
1,500	$138.58	$140.25	$11.62	$290.45	$139.48	$140.25	$11.66	$291.39	$0.90	$0.00	$0.04	$0.94	0.3%	0.0%	0.0%	0.3%	5.0%
2,000	$180.75	$187.00	$15.32	$383.07	$181.95	$187.00	$15.37	$384.32	$1.20	$0.00	$0.05	$1.25	0.3%	0.0%	0.0%	0.3%	13.6%

		Present Rates (o)	Proposed Rates (p)	Line Item on Bill
(1)	Distribution Customer Charge	$10.00	$10.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	RE Growth Program
(3)	Renewable Energy Growth Charge	$1.26	$1.26	LIHEAP Enhancement Charge
(4)	Distribution Charge (per kWh)	$0.03253	$0.03253	
(5)	Operating & Maintenance Expense Charge	$0.00169	$0.00176	
(6)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(7)	CapEx Factor Charge	$0.00269	$0.00322	Distribution Energy Charge
(8)	CapEx Reconciliation Factor	($0.00119)	($0.00119)	
(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	Renewable Energy Distribution Charge
(13)	Net Metering Charge	$0.00023	$0.00023	
(14)	Base Transmission Charge	$0.03183	$0.03183	
(15)	Transmission Adjustment Factor	($0.00380)	($0.00380)	Transmission Charge
(16)	Transmission Uncollectible Factor	$0.00035	$0.00035	
(17)	Base Transition Charge	$0.00009	$0.00009	Transition Charge
(18)	Transition Adjustment	$0.00048	$0.00048	
(19)	Energy Efficiency Program Charge	$0.01002	$0.01002	Energy Efficiency Programs
(20)	Standard Offer Service Base Charge	$0.09492	$0.09492	
(21)	SOS Adjustment Factor	($0.00304)	($0.00304)	Supply Services Energy Charge
(22)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(23)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(24)	Customer Charge	$10.00	$10.00	
(25)	LIHEAP Enhancement Charge	$0.81	$0.81	
(26)	RE Growth Program	$1.26	$1.26	
(27)	Transmission Charge	$0.02838	$0.02838	
(28)	Distribution Energy Charge	$0.03892	$0.03952	
(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	$0.09350	$0.09350	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (b)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (b)

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

			Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
kW	Monthly Power Hours Use	kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total
	(a)		(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
20	200	4,000	$434.74	$374.00	$33.70	$842.44	$436.28	$374.00	$33.76	$844.04	$1.54	$0.00	$0.06	$1.60	0.2%	0.0%	0.0%	0.2%
50	200	10,000	$948.16	$935.00	$78.47	$1,961.63	$953.96	$935.00	$78.71	$1,967.67	$5.80	$0.00	$0.24	$6.04	0.3%	0.0%	0.0%	0.3%
100	200	20,000	$1,803.86	$1,870.00	$153.08	$3,826.94	$1,816.76	$1,870.00	$153.62	$3,840.38	$12.90	$0.00	$0.54	$13.44	0.3%	0.0%	0.0%	0.4%
150	200	30,000	$2,659.56	$2,805.00	$227.69	$5,692.25	$2,679.56	$2,805.00	$228.52	$5,713.08	$20.00	$0.00	$0.83	$20.83	0.4%	0.0%	0.0%	0.4%
20	300	6,000	$506.98	$561.00	$44.50	$1,112.48	$508.64	$561.00	$44.57	$1,114.21	$1.66	$0.00	$0.07	$1.73	0.1%	0.0%	0.0%	0.2%
50	300	15,000	$1,128.76	$1,402.50	$105.47	$2,636.73	$1,134.86	$1,402.50	$105.72	$2,643.08	$6.10	$0.00	$0.25	$6.35	0.2%	0.0%	0.0%	0.2%
100	300	30,000	$2,165.06	$2,805.00	$207.09	$5,177.15	$2,178.56	$2,805.00	$207.65	$5,191.21	$13.50	$0.00	$0.56	$14.06	0.3%	0.0%	0.0%	0.3%
150	300	45,000	$3,201.36	$4,207.50	$308.70	$7,717.56	$3,222.26	$4,207.50	$309.57	$7,739.33	$20.90	$0.00	$0.87	$21.77	0.3%	0.0%	0.0%	0.3%
20	400	8,000	$579.22	$748.00	$55.30	$1,382.52	$581.00	$748.00	$55.38	$1,384.38	$1.78	$0.00	$0.08	$1.86	0.1%	0.0%	0.0%	0.1%
50	400	20,000	$1,309.36	$1,870.00	$132.47	$3,311.83	$1,315.76	$1,870.00	$132.74	$3,318.50	$6.40	$0.00	$0.27	$6.67	0.2%	0.0%	0.0%	0.2%
100	400	40,000	$2,526.26	$3,740.00	$261.09	$6,527.35	$2,540.36	$3,740.00	$261.68	$6,542.04	$14.10	$0.00	$0.59	$14.69	0.2%	0.0%	0.0%	0.2%
150	400	60,000	$3,743.16	$5,610.00	$389.72	$9,742.88	$3,764.96	$5,610.00	$390.62	$9,765.58	$21.80	$0.00	$0.90	$22.70	0.2%	0.0%	0.0%	0.2%
20	500	10,000	$651.46	$935.00	$66.10	$1,652.56	$653.36	$935.00	$66.18	$1,654.54	$1.90	$0.00	$0.08	$1.98	0.1%	0.0%	0.0%	0.1%
50	500	25,000	$1,489.96	$2,337.50	$159.48	$3,986.94	$1,496.66	$2,337.50	$159.76	$3,993.92	$6.70	$0.00	$0.28	$6.98	0.2%	0.0%	0.0%	0.2%
100	500	50,000	$2,887.46	$4,675.00	$315.10	$7,877.56	$2,902.16	$4,675.00	$315.72	$7,892.88	$14.70	$0.00	$0.62	$15.32	0.2%	0.0%	0.0%	0.2%
150	500	75,000	$4,284.96	$7,012.50	$470.73	$11,768.19	$4,307.66	$7,012.50	$471.67	$11,791.83	$22.70	$0.00	$0.94	$23.64	0.2%	0.0%	0.0%	0.2%
20	600	12,000	$723.70	$1,122.00	$76.90	$1,922.60	$725.72	$1,122.00	$76.99	$1,924.71	$2.02	$0.00	$0.09	$2.11	0.1%	0.0%	0.0%	0.1%
50	600	30,000	$1,670.56	$2,805.00	$186.48	$4,662.04	$1,677.56	$2,805.00	$186.77	$4,669.33	$7.00	$0.00	$0.29	$7.29	0.2%	0.0%	0.0%	0.2%
100	600	60,000	$3,248.66	$5,610.00	$369.11	$9,227.77	$3,263.96	$5,610.00	$369.75	$9,243.71	$15.30	$0.00	$0.64	$15.94	0.2%	0.0%	0.0%	0.2%
150	600	90,000	$4,826.76	$8,415.00	$551.74	$13,793.50	$4,850.36	$8,415.00	$552.72	$13,818.08	$23.60	$0.00	$0.98	$24.58	0.2%	0.0%	0.0%	0.2%

		Present Rates	Proposed Rates	Line Item on Bill
		(n)	(o)	
(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	$0.00128	
(7)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8)	CapEx Factor Demand Charge (per kW > 10kW)	$0.67	$0.80	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	
(15)	Transmission Demand Charge	$4.37	$4.37	Transmission Demand Charge
(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)	Supply Services Energy Charge
(24)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(26)	Customer Charge	$135.00	$135.00	
(28)	LIHEAP Enhancement Charge	$0.81	$0.81	
(27)	RE Growth Program	$11.85	$11.85	
(29)	Transmission Adjustment	$0.01096	$0.01096	
(30)	Distribution Energy Charge	$0.00812	$0.00818	
(31)	Distribution Demand Charge	$5.52	$5.65	
(32)	Transmission Demand Charge	$4.37	$4.37	
(31)	Transition Charge	$0.00057	$0.00057	
(32)	Energy Efficiency Programs	$0.01002	$0.01002	
(33)	Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34)	Supply Services Energy Charge	$0.09350	$0.09350	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (c)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (c)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to G-32 Rate Customers

			Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
kW	Monthly Power Hours Use (a)	kWh	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)	GET (l)	Total (m)
200	200	40,000	$3,341.47	$3,772.40	$296.41	$7,410.28	$3,343.07	$3,772.40	$296.48	$7,411.95	$1.60	$0.00	$0.07	$1.67	0.0%	0.0%	0.0%	0.0%
750	200	150,000	$12,446.17	$14,146.50	$1,108.03	$27,700.70	$12,540.17	$14,146.50	$1,111.94	$27,798.61	$94.00	$0.00	$3.91	$97.91	0.3%	0.0%	0.0%	0.4%
1,000	200	200,000	$16,584.67	$18,862.00	$1,476.94	$36,923.61	$16,720.67	$18,862.00	$1,482.61	$37,065.28	$136.00	$0.00	$5.67	$141.67	0.4%	0.0%	0.0%	0.4%
1,500	200	300,000	$24,861.67	$28,293.00	$2,214.78	$55,369.45	$25,081.67	$28,293.00	$2,223.94	$55,598.61	$220.00	$0.00	$9.16	$229.16	0.4%	0.0%	0.0%	0.4%
2,500	200	500,000	$41,415.67	$47,155.00	$3,690.44	$92,261.11	$41,803.67	$47,155.00	$3,706.61	$92,665.28	$388.00	$0.00	$16.17	$404.17	0.4%	0.0%	0.0%	0.4%
200	300	60,000	$4,086.87	$5,658.60	$406.06	$10,151.53	$4,089.27	$5,658.60	$406.16	$10,154.03	$2.40	$0.00	$0.10	$2.50	0.0%	0.0%	0.0%	0.0%
750	300	225,000	$15,241.42	$21,219.75	$1,519.22	$37,980.39	$15,338.42	$21,219.75	$1,523.26	$38,081.43	$97.00	$0.00	$4.04	$101.04	0.3%	0.0%	0.0%	0.3%
1,000	300	300,000	$20,311.67	$28,293.00	$2,025.19	$50,629.86	$20,451.67	$28,293.00	$2,031.03	$50,775.70	$140.00	$0.00	$5.84	$145.84	0.3%	0.0%	0.0%	0.3%
1,500	300	450,000	$30,452.17	$42,439.50	$3,037.15	$75,928.82	$30,678.17	$42,439.50	$3,046.57	$76,164.24	$226.00	$0.00	$9.42	$235.42	0.3%	0.0%	0.0%	0.3%
2,500	300	750,000	$50,733.17	$70,732.50	$5,061.07	$126,526.74	$51,131.17	$70,732.50	$5,077.65	$126,941.32	$398.00	$0.00	$16.58	$414.58	0.3%	0.0%	0.0%	0.3%
200	400	80,000	$4,832.27	$7,544.80	$515.71	$12,892.78	$4,835.47	$7,544.80	$515.84	$12,896.11	$3.20	$0.00	$0.13	$3.33	0.0%	0.0%	0.0%	0.0%
750	400	300,000	$18,036.67	$28,293.00	$1,930.40	$48,260.07	$18,136.67	$28,293.00	$1,934.57	$48,364.24	$100.00	$0.00	$4.17	$104.17	0.2%	0.0%	0.0%	0.2%
1,000	400	400,000	$24,038.67	$37,724.00	$2,573.44	$64,336.11	$24,182.67	$37,724.00	$2,579.44	$64,486.11	$144.00	$0.00	$6.00	$150.00	0.2%	0.0%	0.0%	0.2%
1,500	400	600,000	$36,042.67	$56,586.00	$3,859.53	$96,488.20	$36,274.67	$56,586.00	$3,869.19	$96,729.86	$232.00	$0.00	$9.66	$241.66	0.2%	0.0%	0.0%	0.3%
2,500	400	1,000,000	$60,050.67	$94,310.00	$6,431.70	$160,792.37	$60,458.67	$94,310.00	$6,448.70	$161,217.37	$408.00	$0.00	$17.00	$425.00	0.3%	0.0%	0.0%	0.3%
200	500	100,000	$5,577.67	$9,431.00	$625.36	$15,634.03	$5,581.67	$9,431.00	$625.53	$15,638.20	$4.00	$0.00	$0.17	$4.17	0.0%	0.0%	0.0%	0.0%
750	500	375,000	$20,831.92	$35,366.25	$2,341.59	$58,539.76	$20,934.92	$35,366.25	$2,345.88	$58,647.05	$103.00	$0.00	$4.29	$107.29	0.2%	0.0%	0.0%	0.2%
1,000	500	500,000	$27,765.67	$47,155.00	$3,121.69	$78,042.36	$27,913.67	$47,155.00	$3,127.86	$78,196.53	$148.00	$0.00	$6.17	$154.17	0.2%	0.0%	0.0%	0.2%
1,500	500	750,000	$41,633.17	$70,732.50	$4,681.90	$117,047.57	$41,871.17	$70,732.50	$4,691.82	$117,295.49	$238.00	$0.00	$9.92	$247.92	0.2%	0.0%	0.0%	0.2%
2,500	500	1,250,000	$69,368.17	$117,887.50	$7,802.32	$195,057.99	$69,786.17	$117,887.50	$7,819.74	$195,493.41	$418.00	$0.00	$17.42	$435.42	0.2%	0.0%	0.0%	0.2%
200	600	120,000	$6,323.07	$11,317.20	$735.01	$18,375.28	$6,327.87	$11,317.20	$735.21	$18,380.28	$4.80	$0.00	$0.20	$5.00	0.0%	0.0%	0.0%	0.0%
750	600	450,000	$23,627.17	$42,439.50	$2,752.78	$68,819.45	$23,733.17	$42,439.50	$2,757.19	$68,929.86	$106.00	$0.00	$4.41	$110.41	0.2%	0.0%	0.0%	0.2%
1,000	600	600,000	$31,492.67	$56,586.00	$3,669.94	$91,748.61	$31,644.67	$56,586.00	$3,676.28	$91,906.95	$152.00	$0.00	$6.34	$158.34	0.2%	0.0%	0.0%	0.2%
1,500	600	900,000	$47,223.67	$84,879.00	$5,504.28	$137,606.95	$47,467.67	$84,879.00	$5,514.45	$137,861.12	$244.00	$0.00	$10.17	$254.17	0.2%	0.0%	0.0%	0.2%
2,500	600	1,500,000	$78,685.67	$141,465.00	$9,172.95	$229,323.62	$79,113.67	$141,465.00	$9,190.78	$229,769.45	$428.00	$0.00	$17.83	$445.83	0.2%	0.0%	0.0%	0.2%

		Present Rates (n)	Proposed Rates (o)	Line Item on Bill
(1)	Distribution Customer Charge	$825.00	$825.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge	$86.86	$86.86	RE Growth Program
(4)	Base Distribution Demand Charge (per kW > 200kW)	$3.70	$3.70	
(5)	Distribution Charge (per kWh)	$0.00551	$0.00551	
(6)	Operating & Maintenance Expense Charge	$0.00079	$0.00083	
(7)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8)	CapEx Factor Demand Charge (per kW > 10kW)	$0.71	$0.87	Distribution Energy Charge
(9)	CapEx Reconciliation Factor	($0.00050)	($0.00050)	
(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	
(15)	Transmission Demand Charge	$4.69	$4.69	
(16)	Base Transmission Charge	$0.01172	$0.01172	
(17)	Transmission Adjustment Factor	($0.00079)	($0.00079)	Transmission Adjustment
(18)	Transmission Uncollectible Factor	$0.00030	$0.00030	
(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	$0.09776	$0.09776	
(23)	SOS Adjustment Factor	($0.00507)	($0.00507)	Supply Services Energy Charge
(24)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(26)	Customer Charge	$825.00	$825.00	
(27)	LIHEAP Enhancement Charge	$0.81	$0.81	
(28)	RE Growth Program	$86.86	$86.86	
(29)	Transmission Adjustment	$0.01123	$0.01123	
(30)	Distribution Energy Charge	$0.00900	$0.00904	
(31)	Distribution Demand Charge	$4.41	$4.57	
(32)	Transmission Demand Charge	$4.69	$4.69	
(31)	Transition Charge	$0.00057	$0.00057	
(32)	Energy Efficiency Programs	$0.01002	$0.01002	
(33)	Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34)	Supply Services Energy Charge	$0.09431	$0.09431	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (e)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (e)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to G-62 Rate Customers

Monthly Power kW	Hours Use (a)	kWh	Present Rates Delivery Services (b)	Present Rates Supply Services (c)	Present Rates GET (d)	Present Rates Total (e)	Proposed Rates Delivery Services (b)	Proposed Rates Supply Services (c)	Proposed Rates GET (d)	Proposed Rates Total (e)	$ Increase (Decrease) Delivery Services (f)	$ Increase (Decrease) Supply Services (g)	$ Increase (Decrease) GET (h)	$ Increase (Decrease) Total (i)	Increase (Decrease) % of Total Bill Delivery Services (j)	Increase (Decrease) % of Total Bill Supply Services (k)	Increase (Decrease) % of Total Bill GET (l)	Increase (Decrease) % of Total Bill Total (m)
3,000	200	600000	$61,888.89	$56,586.00	$4,936.45	$123,411.34	$62,548.89	$56,586.00	$4,963.95	$124,098.84	$660.00	$0.00	$27.50	$687.50	0.5%	0.0%	0.0%	0.6%
5,000	200	1000000	$90,528.89	$94,310.00	$7,701.62	$192,540.51	$91,628.89	$94,310.00	$7,747.45	$193,686.34	$1,100.00	$0.00	$45.83	$1,145.83	0.6%	0.0%	0.0%	0.6%
7,500	200	1500000	$126,328.89	$141,465.00	$11,158.08	$278,951.97	$127,978.89	$141,465.00	$11,226.83	$280,670.72	$1,650.00	$0.00	$68.75	$1,718.75	0.6%	0.0%	0.0%	0.6%
10,000	200	2000000	$162,128.89	$188,620.00	$14,614.54	$365,363.43	$164,328.89	$188,620.00	$14,706.20	$367,655.09	$2,200.00	$0.00	$91.66	$2,291.66	0.6%	0.0%	0.0%	0.6%
20,000	200	4000000	$305,328.89	$377,240.00	$28,440.37	$711,009.26	$309,728.89	$377,240.00	$28,623.71	$715,592.60	$4,400.00	$0.00	$183.34	$4,583.34	0.6%	0.0%	0.0%	0.6%
3,000	300	900000	$72,418.89	$84,879.00	$6,554.08	$163,851.97	$73,078.89	$84,879.00	$6,581.58	$164,539.47	$660.00	$0.00	$27.50	$687.50	0.4%	0.0%	0.0%	0.4%
5,000	300	1500000	$108,078.89	$141,465.00	$10,397.66	$259,941.55	$109,178.89	$141,465.00	$10,443.50	$261,087.39	$1,100.00	$0.00	$45.84	$1,145.84	0.4%	0.0%	0.0%	0.4%
7,500	300	2250000	$152,653.89	$212,197.50	$15,202.14	$380,053.53	$154,303.89	$212,197.50	$15,270.89	$381,772.28	$1,650.00	$0.00	$68.75	$1,718.75	0.4%	0.0%	0.0%	0.5%
10,000	300	3000000	$197,228.89	$282,930.00	$20,006.62	$500,165.51	$199,428.89	$282,930.00	$20,098.29	$502,457.18	$2,200.00	$0.00	$91.67	$2,291.67	0.4%	0.0%	0.0%	0.5%
20,000	300	6000000	$375,528.89	$565,860.00	$39,224.54	$980,613.43	$379,928.89	$565,860.00	$39,407.87	$985,196.76	$4,400.00	$0.00	$183.33	$4,583.33	0.4%	0.0%	0.0%	0.5%
3,000	400	1200000	$82,948.89	$113,172.00	$8,171.70	$204,292.59	$83,608.89	$113,172.00	$8,199.20	$204,980.09	$660.00	$0.00	$27.50	$687.50	0.3%	0.0%	0.0%	0.3%
5,000	400	2000000	$125,628.89	$188,620.00	$13,093.70	$327,342.59	$126,728.89	$188,620.00	$13,139.54	$328,488.43	$1,100.00	$0.00	$45.84	$1,145.84	0.3%	0.0%	0.0%	0.4%
7,500	400	3000000	$178,978.89	$282,930.00	$19,246.21	$481,155.10	$180,628.89	$282,930.00	$19,314.96	$482,873.85	$1,650.00	$0.00	$68.75	$1,718.75	0.3%	0.0%	0.0%	0.4%
10,000	400	4000000	$232,328.89	$377,240.00	$25,398.71	$634,967.60	$234,528.89	$377,240.00	$25,490.37	$637,259.26	$2,200.00	$0.00	$91.66	$2,291.66	0.3%	0.0%	0.0%	0.4%
20,000	400	8000000	$445,728.89	$754,480.00	$50,008.71	$1,250,217.60	$450,128.89	$754,480.00	$50,192.04	$1,254,800.93	$4,400.00	$0.00	$183.33	$4,583.33	0.4%	0.0%	0.0%	0.4%
3,000	500	1500000	$93,478.89	$141,465.00	$9,789.33	$244,733.22	$94,138.89	$141,465.00	$9,816.83	$245,420.72	$660.00	$0.00	$27.50	$687.50	0.3%	0.0%	0.0%	0.3%
5,000	500	2500000	$143,178.89	$235,775.00	$15,789.75	$394,743.64	$144,278.89	$235,775.00	$15,835.58	$395,889.47	$1,100.00	$0.00	$45.83	$1,145.83	0.3%	0.0%	0.0%	0.3%
7,500	500	3750000	$205,303.89	$353,662.50	$23,290.27	$582,256.66	$206,953.89	$353,662.50	$23,359.02	$583,975.41	$1,650.00	$0.00	$68.75	$1,718.75	0.3%	0.0%	0.0%	0.3%
10,000	500	5000000	$267,428.89	$471,550.00	$30,790.79	$769,769.68	$269,628.89	$471,550.00	$30,882.46	$772,061.35	$2,200.00	$0.00	$91.67	$2,291.67	0.3%	0.0%	0.0%	0.3%
20,000	500	10000000	$515,928.89	$943,100.00	$60,792.88	$1,519,821.77	$520,328.89	$943,100.00	$60,976.21	$1,524,405.10	$4,400.00	$0.00	$183.33	$4,583.33	0.3%	0.0%	0.0%	0.3%
3,000	600	1800000	$104,008.89	$169,758.00	$11,406.95	$285,173.84	$104,668.89	$169,758.00	$11,434.45	$285,861.34	$660.00	$0.00	$27.50	$687.50	0.2%	0.0%	0.0%	0.2%
5,000	600	3000000	$160,728.89	$282,930.00	$18,485.79	$462,144.68	$161,828.89	$282,930.00	$18,531.62	$463,290.51	$1,100.00	$0.00	$45.83	$1,145.83	0.2%	0.0%	0.0%	0.2%
7,500	600	4500000	$231,628.89	$424,395.00	$27,334.33	$683,358.22	$233,278.89	$424,395.00	$27,403.08	$685,076.97	$1,650.00	$0.00	$68.75	$1,718.75	0.2%	0.0%	0.0%	0.3%
10,000	600	6000000	$302,528.89	$565,860.00	$36,182.87	$904,571.76	$304,728.89	$565,860.00	$36,274.54	$906,863.43	$2,200.00	$0.00	$91.67	$2,291.67	0.2%	0.0%	0.0%	0.3%
20,000	600	12000000	$586,128.89	$1,131,720.00	$71,577.04	$1,789,425.93	$590,528.89	$1,131,720.00	$71,760.38	$1,794,009.27	$4,400.00	$0.00	$183.34	$4,583.34	0.2%	0.0%	0.0%	0.3%

	Present Rates (n)	Proposed Rates (o)	Line Item on Bill
(1) Distribution Customer Charge	$17,000.00	$17,000.00	Customer Charge
(2) LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Charge	$1,928.08	$1,928.08	RE Growth Program
(4) Base Distribution Demand Charge per kW	$2.99	$2.99	Distribution Demand Charge
(5) Distribution Charge (per kWh)	$0.00000	$0.00000	
(6) Operating & Maintenance Expense Charge per KW	$0.36	$0.41	
(7) Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8) CapEx Factor Demand Charge per kW	$0.55	$0.72	Distribution Energy Charge
(9) CapEx Reconciliation Factor	($0.00038)	($0.00038)	
(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	
(15) Transmission Demand Charge	$3.40	$3.40	
(16) Base Transmission Charge	$0.01426	$0.01426	
(17) Transmission Adjustment Factor	$0.00066	$0.00066	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	$0.09776	$0.09776	
(23) SOS Adjustment Factor	($0.00507)	($0.00507)	Supply Services Energy Charge
(24) SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25) Renewable Energy Standard Charge	$0.00040	$0.00040	
Line Item on Bill			
(26) Customer Charge	$17,000.00	$17,000.00	
(27) LIHEAP Enhancement Charge	$0.81	$0.81	
(28) RE Growth Program	$1,928.08	$1,928.08	
(29) Transmission Adjustment	$0.01524	$0.01524	
(30) Distribution Energy Charge	$0.00282	$0.00282	
(31) Distribution Demand Charge	$3.90	$4.12	
(32) Transmission Demand Charge	$3.40	$3.40	
(31) Transition Charge	$0.00057	$0.00057	
(32) Energy Efficiency Programs	$0.01002	$0.01002	
(33) Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34) Supply Services Energy Charge	$0.09431	$0.09431	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Demand Charge per Compliance Section 6, Page 1, Line (2), Column (g)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (g)

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

		Residential A-16 / A-60 (a)	Small C&I C-06 (b)	General C&I G-02 (c)	200 kW Demand B-32 (d)	200 kW Demand G-32 (e)	5000 kW Demand B-62 (f)	5000 kW Demand G-62 (g)	Lighting S-05 / S-06 S-10 / S-14 (h)	Propulsion X-01 (i)
(1)	O&M Factor per kWh	$0.00175	$0.00176	$0.00128	$0.00083	$0.00083	n/a	n/a	$0.01722	$0.00128
(2)	O&M Factor per kW	n/a	n/a	n/a	n/a	n/a	$0.41	$0.41	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	$0.00355	$0.00322	n/a	n/a	n/a	n/a	n/a	$0.02215	$0.00261
(5)	CapEx kW Factor	n/a	n/a	$0.80	$0.87	$0.87	$0.72	$0.72	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
Approved FY19 Operations & Maintenance Factors
Effective April 1, 2018 - March 31, 2019

		Total (a)	Residential A-16 / A60 (b)	Small C&I C-06 (c)	General C&I G-02 (d)	200 kW Demand B-32 / G-32 (e)	5000 kW Demand B-62 / G-62 (f)	Lighting S-05 / S-06 S-10 / S-14 (g)	Propulsion X-01 (h)
(1)	FY2019 Forecasted Vegetation Management and Inspection & Maintenance O&M Expense	$10,772,251							
(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	$10,772,251	$5,173,038	$1,058,788	$1,664,802	$1,643,645	$394,741	$806,408	$30,830
(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		$0.00175	$0.00176	$0.00128	$0.00083	n/a	$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

(1) per Compliance Section 5: Attachment 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
Approved FY19 CapEx Factors
Effective April 1, 2018 - March 31, 2019

		Total (a)	Residential A-16 / A60 (b)	Small C&I C-06 (c)	General C&I G-02 (d)	200 kW Demand B-32 / G-32 (e)	5000 kW Demand B-62 / G-62 (f)	Lighting S-05 / S-06 S-10 / S-14 (g)	Propulsion X-01 (h)
(1)	Approved FY2019 Capital Investment Component of Revenue Requirement	$19,895,485							
(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 Approved Revenue Requirement	$19,895,485	$10,500,985	$1,931,755	$2,920,545	$2,750,226	$692,241	$1,037,255	$62,477
(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)	Approved CapEx Factor - per kWh		$0.00355	$0.00322	n/a	n/a	n/a	$0.02215	$0.00261
(7)	Forecasted kW - April 2018 through March 2019				3,620,514	3,125,694	950,923		
(8)	Approved CapEx Factor - per kW		n/a	n/a	$0.80	$0.87	$0.72	n/a	n/a

(1) per Compliance Section 5: Attachment 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 B-32 (a)	5000 kW Demand B-62 (b)
	Operations & Maintenance Factors		
(1)	Allocated Vegetation Management and Inspection & Maintenance O&M Expense	$1,643,645	$394,741
(2)	Forecasted kW - April 2018 through March 2019	3,125,694	950,923
(3)	Vegetation Management and Inspection & Maintenance O&M Expense Charge per kW	$0.52	$0.41
(4)	Discounted O&M kW Factor effective April 1, 2018	$0.05	$0.04
	CapEx Factors		
(5)	Approved CapEx kW Factor effective April 1, 2018	$0.87	$0.72
(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 Approved
Rates Applicable to A-16 Rate Customers

Monthly	Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage
kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	of Customers
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
150	$20.36	$14.27	$1.44	$36.07	$20.48	$14.27	$1.45	$36.20	$0.12	$0.00	$0.01	$0.13	0.3%	0.0%	0.0%	0.4%	30.1%
300	$34.14	$28.55	$2.61	$65.30	$34.38	$28.55	$2.62	$65.55	$0.24	$0.00	$0.01	$0.25	0.4%	0.0%	0.0%	0.4%	12.9%
400	$43.32	$38.06	$3.39	$84.77	$43.64	$38.06	$3.40	$85.10	$0.32	$0.00	$0.01	$0.33	0.4%	0.0%	0.0%	0.4%	11.6%
500	$52.51	$47.58	$4.17	$104.26	$52.90	$47.58	$4.19	$104.67	$0.39	$0.00	$0.02	$0.41	0.4%	0.0%	0.0%	0.4%	9.6%
600	$61.69	$57.09	$4.95	$123.73	$62.16	$57.09	$4.97	$124.22	$0.47	$0.00	$0.02	$0.49	0.4%	0.0%	0.0%	0.4%	7.7%
700	$70.87	$66.61	$5.73	$143.21	$71.42	$66.61	$5.75	$143.78	$0.55	$0.00	$0.02	$0.57	0.4%	0.0%	0.0%	0.4%	19.0%
1,200	$116.79	$114.18	$9.62	$240.59	$117.73	$114.18	$9.66	$241.57	$0.94	$0.00	$0.04	$0.98	0.4%	0.0%	0.0%	0.4%	6.8%
2,000	$190.25	$190.30	$15.86	$396.41	$191.83	$190.30	$15.92	$398.05	$1.58	$0.00	$0.06	$1.64	0.4%	0.0%	0.0%	0.4%	2.3%

			Present Rates	Proposed Rates	Line Item on Bill
			(o)	(p)	
(1)	Distribution Customer Charge		$5.00	$5.00	Customer Charge
(2)	LIHEAP Enhancement Charge		$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge		$0.78	$0.78	RE Growth Program
(4)	Distribution Charge (per kWh)		$0.03664	$0.03664	
(5)	Operating & Maintenance Expense Charge		$0.00163	$0.00175	
(6)	Operating & Maintenance Expense Reconciliation Factor		($0.00001)	($0.00001)	
(7)	CapEx Factor Charge		$0.00288	$0.00355	Distribution Energy Charge
(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	Renewable Energy Distribution Charge
(13)	Net Metering Charge		$0.00023	$0.00023	
(14)	Base Transmission Charge		$0.03169	$0.03169	
(15)	Transmission Adjustment Factor		($0.00029)	($0.00029)	Transmission Charge
(16)	Transmission Uncollectible Factor		$0.00039	$0.00039	
(17)	Base Transition Charge		$0.00009	$0.00009	Transition Charge
(18)	Transition Adjustment		$0.00048	$0.00048	
(19)	Energy Efficiency Program Charge		$0.01002	$0.01002	Energy Efficiency Programs
(20)	Standard Offer Service Base Charge		$0.09792	$0.09792	
(21)	SOS Adjustment Factor		($0.00465)	($0.00465)	Supply Services Energy Charge
(22)	SOS Adminstrative Cost Adjustment Factor		$0.00148	$0.00148	
(23)	Renewable Energy Standard Charge		$0.00040	$0.00040	
	Line Item on Bill				
(24)	Customer Charge		$5.00	$5.00	
(25)	LIHEAP Enhancement Charge		$0.81	$0.81	
(26)	RE Growth Program		$0.78	$0.78	
(27)	Transmission Charge	kWh x	$0.03179	$0.03179	
(28)	Distribution Energy Charge	kWh x	$0.04300	$0.04379	
(29)	Transition Charge	kWh x	$0.00057	$0.00057	
(30)	Energy Efficiency Programs	kWh x	$0.01002	$0.01002	
(31)	Renewable Energy Distribution Charge	kWh x	$0.00645	$0.00645	
(32)	Supply Services Energy Charge	kWh x	$0.09515	$0.09515	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (a)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (a)

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

	Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage
Monthly kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	of Customers
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
150	$13.34	$14.27	$1.15	$28.76	$13.46	$14.27	$1.16	$28.89	$0.12	$0.00	$0.01	$0.13	0.4%	0.0%	0.0%	0.5%	32.1%
300	$25.10	$28.55	$2.24	$55.89	$25.34	$28.55	$2.25	$56.14	$0.24	$0.00	$0.01	$0.25	0.4%	0.0%	0.0%	0.4%	15.4%
400	$32.93	$38.06	$2.96	$73.95	$33.25	$38.06	$2.97	$74.28	$0.32	$0.00	$0.01	$0.33	0.4%	0.0%	0.0%	0.4%	12.5%
500	$40.77	$47.58	$3.68	$92.03	$41.17	$47.58	$3.70	$92.45	$0.40	$0.00	$0.02	$0.42	0.4%	0.0%	0.0%	0.5%	9.6%
600	$48.61	$57.09	$4.40	$110.10	$49.08	$57.09	$4.42	$110.59	$0.47	$0.00	$0.02	$0.49	0.4%	0.0%	0.0%	0.4%	7.2%
700	$56.44	$66.61	$5.13	$128.18	$57.00	$66.61	$5.15	$128.76	$0.56	$0.00	$0.02	$0.58	0.4%	0.0%	0.0%	0.5%	16.4%
1,200	$95.62	$114.18	$8.74	$218.54	$96.57	$114.18	$8.78	$219.53	$0.95	$0.00	$0.04	$0.99	0.4%	0.0%	0.0%	0.5%	5.2%
2,000	$158.31	$190.30	$14.53	$363.14	$159.89	$190.30	$14.59	$364.78	$1.58	$0.00	$0.06	$1.64	0.4%	0.0%	0.0%	0.5%	1.6%

		Present Rates (o)	Proposed Rates (p)	Line Item on Bill
(1)	Distribution Customer Charge	$0.00	$0.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge	$0.78	$0.78	Renewable Energy Growth Charge
(4)	Distribution Charge (per kWh)	$0.02317	$0.02317	
(5)	Operating & Maintenance Expense Charge	$0.00163	$0.00175	
(6)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(7)	CapEx Factor Charge	$0.00288	$0.00355	Distribution Energy Charge
(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	Renewable Energy Distribution Charge
(13)	Net Metering Charge	$0.00023	$0.00023	
(14)	Base Transmission Charge	$0.03169	$0.03169	
(15)	Transmission Adjustment Factor	($0.00029)	($0.00029)	Transmission Charge
(16)	Transmission Uncollectible Factor	$0.00039	$0.00039	
(17)	Base Transition Charge	$0.00009	$0.00009	Transition Charge
(18)	Transition Adjustment	$0.00048	$0.00048	
(19)	Energy Efficiency Program Charge	$0.01002	$0.01002	Energy Efficiency Programs
(20)	Standard Offer Service Base Charge	$0.09792	$0.09792	
(21)	SOS Adjustment Factor	($0.00465)	($0.00465)	Supply Services Energy Charge
(22)	SOS Adminstrative 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	$0.03032	
(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. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (a)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (a)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to C-06 Rate Customers

	Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage
Monthly kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	of Customers
(a)	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
250	$33.16	$23.38	$2.36	$58.90	$33.31	$23.38	$2.36	$59.05	$0.15	$0.00	$0.00	$0.15	0.3%	0.0%	0.0%	0.3%	56.3%
500	$54.24	$46.75	$4.21	$105.20	$54.54	$46.75	$4.22	$105.51	$0.30	$0.00	$0.01	$0.31	0.3%	0.0%	0.0%	0.3%	16.9%
1,000	$96.41	$93.50	$7.91	$197.82	$97.01	$93.50	$7.94	$198.45	$0.60	$0.00	$0.03	$0.63	0.3%	0.0%	0.0%	0.3%	8.1%
1,500	$138.58	$140.25	$11.62	$290.45	$139.48	$140.25	$11.66	$291.39	$0.90	$0.00	$0.04	$0.94	0.3%	0.0%	0.0%	0.3%	5.0%
2,000	$180.75	$187.00	$15.32	$383.07	$181.95	$187.00	$15.37	$384.32	$1.20	$0.00	$0.05	$1.25	0.3%	0.0%	0.0%	0.3%	13.6%

		Present Rates	Proposed Rates	Line Item on Bill
		(o)	(p)	
(1)	Distribution Customer Charge	$10.00	$10.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	RE Growth Program
(3)	Renewable Energy Growth Charge	$1.26	$1.26	LIHEAP Enhancement Charge
(4)	Distribution Charge (per kWh)	$0.03253	$0.03253	
(5)	Operating & Maintenance Expense Charge	$0.00169	$0.00176	
(6)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(7)	CapEx Factor Charge	$0.00269	$0.00322	Distribution Energy Charge
(8)	CapEx Reconciliation Factor	($0.00119)	($0.00119)	
(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	Renewable Energy Distribution Charge
(13)	Net Metering Charge	$0.00023	$0.00023	
(14)	Base Transmission Charge	$0.03183	$0.03183	
(15)	Transmission Adjustment Factor	($0.00380)	($0.00380)	Transmission Charge
(16)	Transmission Uncollectible Factor	$0.00035	$0.00035	
(17)	Base Transition Charge	$0.00009	$0.00009	Transition Charge
(18)	Transition Adjustment	$0.00048	$0.00048	
(19)	Energy Efficiency Program Charge	$0.01002	$0.01002	Energy Efficiency Programs
(20)	Standard Offer Service Base Charge	$0.09492	$0.09492	
(21)	SOS Adjustment Factor	($0.00304)	($0.00304)	Supply Services Energy Charge
(22)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(23)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(24)	Customer Charge	$10.00	$10.00	
(25)	LIHEAP Enhancement Charge	$0.81	$0.81	
(26)	RE Growth Program	$1.26	$1.26	
(27)	Transmission Charge	$0.02838	$0.02838	
(28)	Distribution Energy Charge	$0.03892	$0.03952	
(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	$0.09350	$0.09350	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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. 2095, effective 1/11/2018. Lines (20) through (23): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (5): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (b)
Line (7) Approved CapEx FactorCharge per Compliance Section 6, Page 1, Line (4), Column (b)

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

			Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
kW	Monthly Power Hours Use	kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total
	(a)		(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
20	200	4,000	$434.74	$374.00	$33.70	$842.44	$436.28	$374.00	$33.76	$844.04	$1.54	$0.00	$0.06	$1.60	0.2%	0.0%	0.0%	0.2%
50	200	10,000	$948.16	$935.00	$78.47	$1,961.63	$953.96	$935.00	$78.71	$1,967.67	$5.80	$0.00	$0.24	$6.04	0.3%	0.0%	0.0%	0.3%
100	200	20,000	$1,803.86	$1,870.00	$153.08	$3,826.94	$1,816.76	$1,870.00	$153.62	$3,840.38	$12.90	$0.00	$0.54	$13.44	0.3%	0.0%	0.0%	0.4%
150	200	30,000	$2,659.56	$2,805.00	$227.69	$5,692.25	$2,679.56	$2,805.00	$228.52	$5,713.08	$20.00	$0.00	$0.83	$20.83	0.4%	0.0%	0.0%	0.4%
20	300	6,000	$506.98	$561.00	$44.50	$1,112.48	$508.64	$561.00	$44.57	$1,114.21	$1.66	$0.00	$0.07	$1.73	0.1%	0.0%	0.0%	0.2%
50	300	15,000	$1,128.76	$1,402.50	$105.47	$2,636.73	$1,134.86	$1,402.50	$105.72	$2,643.08	$6.10	$0.00	$0.25	$6.35	0.2%	0.0%	0.0%	0.2%
100	300	30,000	$2,165.06	$2,805.00	$207.09	$5,177.15	$2,178.56	$2,805.00	$207.65	$5,191.21	$13.50	$0.00	$0.56	$14.06	0.3%	0.0%	0.0%	0.3%
150	300	45,000	$3,201.36	$4,207.50	$308.70	$7,717.56	$3,222.26	$4,207.50	$309.57	$7,739.33	$20.90	$0.00	$0.87	$21.77	0.3%	0.0%	0.0%	0.3%
20	400	8,000	$579.22	$748.00	$55.30	$1,382.52	$581.00	$748.00	$55.38	$1,384.38	$1.78	$0.00	$0.08	$1.86	0.1%	0.0%	0.0%	0.1%
50	400	20,000	$1,309.36	$1,870.00	$132.47	$3,311.83	$1,315.76	$1,870.00	$132.74	$3,318.50	$6.40	$0.00	$0.27	$6.67	0.2%	0.0%	0.0%	0.2%
100	400	40,000	$2,526.26	$3,740.00	$261.09	$6,527.35	$2,540.36	$3,740.00	$261.68	$6,542.04	$14.10	$0.00	$0.59	$14.69	0.2%	0.0%	0.0%	0.2%
150	400	60,000	$3,743.16	$5,610.00	$389.72	$9,742.88	$3,764.96	$5,610.00	$390.62	$9,765.58	$21.80	$0.00	$0.90	$22.70	0.2%	0.0%	0.0%	0.2%
20	500	10,000	$651.46	$935.00	$66.10	$1,652.56	$653.36	$935.00	$66.18	$1,654.54	$1.90	$0.00	$0.08	$1.98	0.1%	0.0%	0.0%	0.1%
50	500	25,000	$1,489.96	$2,337.50	$159.48	$3,986.94	$1,496.66	$2,337.50	$159.76	$3,993.92	$6.70	$0.00	$0.28	$6.98	0.2%	0.0%	0.0%	0.2%
100	500	50,000	$2,887.46	$4,675.00	$315.10	$7,877.56	$2,902.16	$4,675.00	$315.72	$7,892.88	$14.70	$0.00	$0.62	$15.32	0.2%	0.0%	0.0%	0.2%
150	500	75,000	$4,284.96	$7,012.50	$470.73	$11,768.19	$4,307.66	$7,012.50	$471.67	$11,791.83	$22.70	$0.00	$0.94	$23.64	0.2%	0.0%	0.0%	0.2%
20	600	12,000	$723.70	$1,122.00	$76.90	$1,922.60	$725.72	$1,122.00	$76.99	$1,924.71	$2.02	$0.00	$0.09	$2.11	0.1%	0.0%	0.0%	0.1%
50	600	30,000	$1,670.56	$2,805.00	$186.48	$4,662.04	$1,677.56	$2,805.00	$186.77	$4,669.33	$7.00	$0.00	$0.29	$7.29	0.2%	0.0%	0.0%	0.2%
100	600	60,000	$3,248.66	$5,610.00	$369.11	$9,227.77	$3,263.96	$5,610.00	$369.75	$9,243.71	$15.30	$0.00	$0.64	$15.94	0.2%	0.0%	0.0%	0.2%
150	600	90,000	$4,826.76	$8,415.00	$551.74	$13,793.50	$4,850.36	$8,415.00	$552.72	$13,818.08	$23.60	$0.00	$0.98	$24.58	0.2%	0.0%	0.0%	0.2%

		Present Rates (n)	Proposed Rates (o)	Line Item on Bill
(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	Distribution Energy Charge
(6)	Operating & Maintenance Expense Charge	$0.00122	$0.00128	
(7)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8)	CapEx Factor Demand Charge (per kW > 10kW)	$0.67	$0.80	
(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	
(15)	Transmission Demand Charge	$4.37	$4.37	Transmission Demand Charge
(16)	Base Transmission Charge	$0.01269	$0.01269	Transmission Adjustment
(17)	Transmission Adjustment Factor	($0.00205)	($0.00205)	
(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	Supply Services Energy Charge
(23)	SOS Adjustment Factor	($0.00304)	($0.00304)	
(24)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(26)	Customer Charge	$135.00	$135.00	
(28)	LIHEAP Enhancement Charge	$0.81	$0.81	
(27)	RE Growth Program	$11.85	$11.85	
(29)	Transmission Adjustment	$0.01096	$0.01096	
(30)	Distribution Energy Charge	$0.00812	$0.00818	
(31)	Distribution Demand Charge	$5.52	$5.65	
(32)	Transmission Demand Charge	$4.37	$4.37	
(31)	Transition Charge	$0.00057	$0.00057	
(32)	Energy Efficiency Programs	$0.01002	$0.01002	
(33)	Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34)	Supply Services Energy Charge	$0.09350	$0.09350	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (c)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (c)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to G-32 Rate Customers

			Present Rates				Proposed Rates				$ Increase (Decrease)				Increase (Decrease) % of Total Bill			
kW	Monthly Power Hours Use	kWh	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total	Delivery Services	Supply Services	GET	Total
	(a)		(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
200	200	40,000	$3,341.47	$3,772.40	$296.41	$7,410.28	$3,343.07	$3,772.40	$296.48	$7,411.95	$1.60	$0.00	$0.07	$1.67	0.0%	0.0%	0.0%	0.0%
750	200	150,000	$12,446.17	$14,146.50	$1,108.03	$27,700.70	$12,540.17	$14,146.50	$1,111.94	$27,798.61	$94.00	$0.00	$3.91	$97.91	0.3%	0.0%	0.0%	0.4%
1,000	200	200,000	$16,584.67	$18,862.00	$1,476.94	$36,923.61	$16,720.67	$18,862.00	$1,482.61	$37,065.28	$136.00	$0.00	$5.67	$141.67	0.4%	0.0%	0.0%	0.4%
1,500	200	300,000	$24,861.67	$28,293.00	$2,214.78	$55,369.45	$25,081.67	$28,293.00	$2,223.94	$55,598.61	$220.00	$0.00	$9.16	$229.16	0.4%	0.0%	0.0%	0.4%
2,500	200	500,000	$41,415.67	$47,155.00	$3,690.44	$92,261.11	$41,803.67	$47,155.00	$3,706.61	$92,665.28	$388.00	$0.00	$16.17	$404.17	0.4%	0.0%	0.0%	0.4%
200	300	60,000	$4,086.87	$5,658.60	$406.06	$10,151.53	$4,089.27	$5,658.60	$406.16	$10,154.03	$2.40	$0.00	$0.10	$2.50	0.0%	0.0%	0.0%	0.0%
750	300	225,000	$15,241.42	$21,219.75	$1,519.22	$37,980.39	$15,338.42	$21,219.75	$1,523.26	$38,081.43	$97.00	$0.00	$4.04	$101.04	0.3%	0.0%	0.0%	0.3%
1,000	300	300,000	$20,311.67	$28,293.00	$2,025.19	$50,629.86	$20,451.67	$28,293.00	$2,031.03	$50,775.70	$140.00	$0.00	$5.84	$145.84	0.3%	0.0%	0.0%	0.3%
1,500	300	450,000	$30,452.17	$42,439.50	$3,037.15	$75,928.82	$30,678.17	$42,439.50	$3,046.57	$76,164.24	$226.00	$0.00	$9.42	$235.42	0.3%	0.0%	0.0%	0.3%
2,500	300	750,000	$50,733.17	$70,732.50	$5,061.07	$126,526.74	$51,131.17	$70,732.50	$5,077.65	$126,941.32	$398.00	$0.00	$16.58	$414.58	0.3%	0.0%	0.0%	0.3%
200	400	80,000	$4,832.27	$7,544.80	$515.71	$12,892.78	$4,835.47	$7,544.80	$515.84	$12,896.11	$3.20	$0.00	$0.13	$3.33	0.0%	0.0%	0.0%	0.0%
750	400	300,000	$18,036.67	$28,293.00	$1,930.40	$48,260.07	$18,136.67	$28,293.00	$1,934.57	$48,364.24	$100.00	$0.00	$4.17	$104.17	0.2%	0.0%	0.0%	0.2%
1,000	400	400,000	$24,038.67	$37,724.00	$2,573.44	$64,336.11	$24,182.67	$37,724.00	$2,579.44	$64,486.11	$144.00	$0.00	$6.00	$150.00	0.2%	0.0%	0.0%	0.2%
1,500	400	600,000	$36,042.67	$56,586.00	$3,859.53	$96,488.20	$36,274.67	$56,586.00	$3,869.19	$96,729.86	$232.00	$0.00	$9.66	$241.66	0.2%	0.0%	0.0%	0.3%
2,500	400	1,000,000	$60,050.67	$94,310.00	$6,431.70	$160,792.37	$60,458.67	$94,310.00	$6,448.70	$161,217.37	$408.00	$0.00	$17.00	$425.00	0.3%	0.0%	0.0%	0.3%
200	500	100,000	$5,577.67	$9,431.00	$625.36	$15,634.03	$5,581.67	$9,431.00	$625.53	$15,638.20	$4.00	$0.00	$0.17	$4.17	0.0%	0.0%	0.0%	0.0%
750	500	375,000	$20,831.92	$35,366.25	$2,341.59	$58,539.76	$20,934.92	$35,366.25	$2,345.88	$58,647.05	$103.00	$0.00	$4.29	$107.29	0.2%	0.0%	0.0%	0.2%
1,000	500	500,000	$27,765.67	$47,155.00	$3,121.69	$78,042.36	$27,913.67	$47,155.00	$3,127.86	$78,196.53	$148.00	$0.00	$6.17	$154.17	0.2%	0.0%	0.0%	0.2%
1,500	500	750,000	$41,633.17	$70,732.50	$4,681.90	$117,047.57	$41,871.17	$70,732.50	$4,691.82	$117,295.49	$238.00	$0.00	$9.92	$247.92	0.2%	0.0%	0.0%	0.2%
2,500	500	1,250,000	$69,368.17	$117,887.50	$7,802.32	$195,057.99	$69,786.17	$117,887.50	$7,819.74	$195,493.41	$418.00	$0.00	$17.42	$435.42	0.2%	0.0%	0.0%	0.2%
200	600	120,000	$6,323.07	$11,317.20	$735.01	$18,375.28	$6,327.87	$11,317.20	$735.21	$18,380.28	$4.80	$0.00	$0.20	$5.00	0.0%	0.0%	0.0%	0.0%
750	600	450,000	$23,627.17	$42,439.50	$2,752.78	$68,819.45	$23,733.17	$42,439.50	$2,757.19	$68,929.86	$106.00	$0.00	$4.41	$110.41	0.2%	0.0%	0.0%	0.2%
1,000	600	600,000	$31,492.67	$56,586.00	$3,669.94	$91,748.61	$31,644.67	$56,586.00	$3,676.28	$91,906.95	$152.00	$0.00	$6.34	$158.34	0.2%	0.0%	0.0%	0.2%
1,500	600	900,000	$47,223.67	$84,879.00	$5,504.28	$137,606.95	$47,467.67	$84,879.00	$5,514.45	$137,861.12	$244.00	$0.00	$10.17	$254.17	0.2%	0.0%	0.0%	0.2%
2,500	600	1,500,000	$78,685.67	$141,465.00	$9,172.95	$229,323.62	$79,113.67	$141,465.00	$9,190.78	$229,769.45	$428.00	$0.00	$17.83	$445.83	0.2%	0.0%	0.0%	0.2%

		Present Rates (n)	Proposed Rates (o)	Line Item on Bill
(1)	Distribution Customer Charge	$825.00	$825.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge	$86.86	$86.86	RE Growth Program
(4)	Base Distribution Demand Charge (per kW > 200kW)	$3.70	$3.70	
(5)	Distribution Charge (per kWh)	$0.00551	$0.00551	Distribution Energy Charge
(6)	Operating & Maintenance Expense Charge	$0.00079	$0.00083	
(7)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8)	CapEx Factor Demand Charge (per kW > 10kW)	$0.71	$0.87	
(9)	CapEx Reconciliation Factor	($0.00050)	($0.00050)	
(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	
(15)	Transmission Demand Charge	$4.69	$4.69	
(16)	Base Transmission Charge	$0.01172	$0.01172	Transmission Adjustment
(17)	Transmission Adjustment Factor	($0.00079)	($0.00079)	
(18)	Transmission Uncollectible Factor	$0.00030	$0.00030	
(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	$0.09776	$0.09776	Supply Services Energy Charge
(23)	SOS Adjustment Factor	($0.00507)	($0.00507)	
(24)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(26)	Customer Charge	$825.00	$825.00	
(27)	LIHEAP Enhancement Charge	$0.81	$0.81	
(28)	RE Growth Program	$86.86	$86.86	
(29)	Transmission Adjustment	$0.01123	$0.01123	
(30)	Distribution Energy Charge	$0.00900	$0.00904	
(31)	Distribution Demand Charge	$4.41	$4.57	
(32)	Transmission Demand Charge	$4.69	$4.69	
(31)	Transition Charge	$0.00057	$0.00057	
(32)	Energy Efficiency Programs	$0.01002	$0.01002	
(33)	Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34)	Supply Services Energy Charge	$0.09431	$0.09431	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Charge per Compliance Section 6, Page 1, Line (1), Column (e)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (e)

Calculation of Monthly Typical Bill
Total Bill Impact of Approved
Rates Applicable to G-62 Rate Customers

Monthly Power kW	Hours Use (a)	kWh	Present Rates Delivery Services (b)	Present Rates Supply Services (c)	Present Rates GET (d)	Present Rates Total (e)	Proposed Rates Delivery Services (b)	Proposed Rates Supply Services (c)	Proposed Rates GET (d)	Proposed Rates Total (e)	$ Increase (Decrease) Delivery Services (f)	$ Increase (Decrease) Supply Services (g)	$ Increase (Decrease) GET (h)	$ Increase (Decrease) Total (i)	Increase (Decrease) % of Total Bill Delivery Services (j)	Increase (Decrease) % of Total Bill Supply Services (k)	Increase (Decrease) % of Total Bill GET (l)	Increase (Decrease) % of Total Bill Total (m)
3,000	200	600000	$61,888.89	$56,586.00	$4,936.45	$123,411.34	$62,548.89	$56,586.00	$4,963.95	$124,098.84	$660.00	$0.00	$27.50	$687.50	0.5%	0.0%	0.0%	0.6%
5,000	200	1000000	$90,528.89	$94,310.00	$7,701.62	$192,540.51	$91,628.89	$94,310.00	$7,747.45	$193,686.34	$1,100.00	$0.00	$45.83	$1,145.83	0.6%	0.0%	0.0%	0.6%
7,500	200	1500000	$126,328.89	$141,465.00	$11,158.08	$278,951.97	$127,978.89	$141,465.00	$11,226.83	$280,670.72	$1,650.00	$0.00	$68.75	$1,718.75	0.6%	0.0%	0.0%	0.6%
10,000	200	2000000	$162,128.89	$188,620.00	$14,614.54	$365,363.43	$164,328.89	$188,620.00	$14,706.20	$367,655.09	$2,200.00	$0.00	$91.66	$2,291.66	0.6%	0.0%	0.0%	0.6%
20,000	200	4000000	$305,328.89	$377,240.00	$28,440.37	$711,009.26	$309,728.89	$377,240.00	$28,623.71	$715,592.60	$4,400.00	$0.00	$183.34	$4,583.34	0.6%	0.0%	0.0%	0.6%
3,000	300	900000	$72,418.89	$84,879.00	$6,554.08	$163,851.97	$73,078.89	$84,879.00	$6,581.58	$164,539.47	$660.00	$0.00	$27.50	$687.50	0.4%	0.0%	0.0%	0.4%
5,000	300	1500000	$108,078.89	$141,465.00	$10,397.66	$259,941.55	$109,178.89	$141,465.00	$10,443.50	$261,087.39	$1,100.00	$0.00	$45.84	$1,145.84	0.4%	0.0%	0.0%	0.4%
7,500	300	2250000	$152,653.89	$212,197.50	$15,202.14	$380,053.53	$154,303.89	$212,197.50	$15,270.89	$381,772.28	$1,650.00	$0.00	$68.75	$1,718.75	0.4%	0.0%	0.0%	0.5%
10,000	300	3000000	$197,228.89	$282,930.00	$20,006.62	$500,165.51	$199,428.89	$282,930.00	$20,098.29	$502,457.18	$2,200.00	$0.00	$91.67	$2,291.67	0.4%	0.0%	0.0%	0.5%
20,000	300	6000000	$375,528.89	$565,860.00	$39,224.54	$980,613.43	$379,928.89	$565,860.00	$39,407.87	$985,196.76	$4,400.00	$0.00	$183.33	$4,583.33	0.4%	0.0%	0.0%	0.5%
3,000	400	1200000	$82,948.89	$113,172.00	$8,171.70	$204,292.59	$83,608.89	$113,172.00	$8,199.20	$204,980.09	$660.00	$0.00	$27.50	$687.50	0.3%	0.0%	0.0%	0.3%
5,000	400	2000000	$125,628.89	$188,620.00	$13,093.70	$327,342.59	$126,728.89	$188,620.00	$13,139.54	$328,488.43	$1,100.00	$0.00	$45.84	$1,145.84	0.3%	0.0%	0.0%	0.4%
7,500	400	3000000	$178,978.89	$282,930.00	$19,246.21	$481,155.10	$180,628.89	$282,930.00	$19,314.96	$482,873.85	$1,650.00	$0.00	$68.75	$1,718.75	0.3%	0.0%	0.0%	0.4%
10,000	400	4000000	$232,328.89	$377,240.00	$25,398.71	$634,967.60	$234,528.89	$377,240.00	$25,490.37	$637,259.26	$2,200.00	$0.00	$91.66	$2,291.66	0.3%	0.0%	0.0%	0.4%
20,000	400	8000000	$445,728.89	$754,480.00	$50,008.71	$1,250,217.60	$450,128.89	$754,480.00	$50,192.04	$1,254,800.93	$4,400.00	$0.00	$183.33	$4,583.33	0.4%	0.0%	0.0%	0.4%
3,000	500	1500000	$93,478.89	$141,465.00	$9,789.33	$244,733.22	$94,138.89	$141,465.00	$9,816.83	$245,420.72	$660.00	$0.00	$27.50	$687.50	0.3%	0.0%	0.0%	0.3%
5,000	500	2500000	$143,178.89	$235,775.00	$15,789.75	$394,743.64	$144,278.89	$235,775.00	$15,835.58	$395,889.47	$1,100.00	$0.00	$45.83	$1,145.83	0.3%	0.0%	0.0%	0.3%
7,500	500	3750000	$205,303.89	$353,662.50	$23,290.27	$582,256.66	$206,953.89	$353,662.50	$23,359.02	$583,975.41	$1,650.00	$0.00	$68.75	$1,718.75	0.3%	0.0%	0.0%	0.3%
10,000	500	5000000	$267,428.89	$471,550.00	$30,790.79	$769,769.68	$269,628.89	$471,550.00	$30,882.46	$772,061.35	$2,200.00	$0.00	$91.67	$2,291.67	0.3%	0.0%	0.0%	0.3%
20,000	500	10000000	$515,928.89	$943,100.00	$60,792.88	$1,519,821.77	$520,328.89	$943,100.00	$60,976.21	$1,524,405.10	$4,400.00	$0.00	$183.33	$4,583.33	0.3%	0.0%	0.0%	0.3%
3,000	600	1800000	$104,008.89	$169,758.00	$11,406.95	$285,173.84	$104,668.89	$169,758.00	$11,434.45	$285,861.34	$660.00	$0.00	$27.50	$687.50	0.2%	0.0%	0.0%	0.2%
5,000	600	3000000	$160,728.89	$282,930.00	$18,485.79	$462,144.68	$161,828.89	$282,930.00	$18,531.62	$463,290.51	$1,100.00	$0.00	$45.83	$1,145.83	0.2%	0.0%	0.0%	0.2%
7,500	600	4500000	$231,628.89	$424,395.00	$27,334.33	$683,358.22	$233,278.89	$424,395.00	$27,403.08	$685,076.97	$1,650.00	$0.00	$68.75	$1,718.75	0.2%	0.0%	0.0%	0.3%
10,000	600	6000000	$302,528.89	$565,860.00	$36,182.87	$904,571.76	$304,728.89	$565,860.00	$36,274.54	$906,863.43	$2,200.00	$0.00	$91.67	$2,291.67	0.2%	0.0%	0.0%	0.3%
20,000	600	12000000	$586,128.89	$1,131,720.00	$71,577.04	$1,789,425.93	$590,528.89	$1,131,720.00	$71,760.38	$1,794,009.27	$4,400.00	$0.00	$183.34	$4,583.34	0.2%	0.0%	0.0%	0.3%

		Present Rates (n)	Proposed Rates (o)	Line Item on Bill
(1)	Distribution Customer Charge	$17,000.00	$17,000.00	Customer Charge
(2)	LIHEAP Enhancement Charge	$0.81	$0.81	LIHEAP Enhancement Charge
(3)	Renewable Energy Growth Charge	$1,928.08	$1,928.08	RE Growth Program
(4)	Base Distribution Demand Charge per kW	$2.99	$2.99	Distribution Demand Charge
(5)	Distribution Charge (per kWh)	$0.00000	$0.00000	
(6)	Operating & Maintenance Expense Charge per KW	$0.36	$0.41	
(7)	Operating & Maintenance Expense Reconciliation Factor	($0.00001)	($0.00001)	
(8)	CapEx Factor Demand Charge per kW	$0.55	$0.72	Distribution Energy Charge
(9)	CapEx Reconciliation Factor	($0.00038)	($0.00038)	
(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	
(15)	Transmission Demand Charge	$3.40	$3.40	
(16)	Base Transmission Charge	$0.01426	$0.01426	
(17)	Transmission Adjustment Factor	$0.00066	$0.00066	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	$0.09776	$0.09776	
(23)	SOS Adjustment Factor	($0.00507)	($0.00507)	Supply Services Energy Charge
(24)	SOS Adminstrative Cost Adjustment Factor	$0.00122	$0.00122	
(25)	Renewable Energy Standard Charge	$0.00040	$0.00040	
	Line Item on Bill			
(26)	Customer Charge	$17,000.00	$17,000.00	
(27)	LIHEAP Enhancement Charge	$0.81	$0.81	
(28)	RE Growth Program	$1,928.08	$1,928.08	
(29)	Transmission Adjustment	$0.01524	$0.01524	
(30)	Distribution Energy Charge	$0.00282	$0.00282	
(31)	Distribution Demand Charge	$3.90	$4.12	
(32)	Transmission Demand Charge	$3.40	$3.40	
(31)	Transition Charge	$0.00057	$0.00057	
(32)	Energy Efficiency Programs	$0.01002	$0.01002	
(33)	Renewable Energy Distribution Charge	$0.00645	$0.00645	
(34)	Supply Services Energy Charge	$0.09431	$0.09431	

Column (n): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/11/2018, 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 1/11/2018. Lines (22) through (25): Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2018
Line (6): Approved Operating & Maintenance Expense Demand Charge per Compliance Section 6, Page 1, Line (2), Column (g)
Line (8) Approved CapEx Factor Demand Charge per Compliance Section 6, Page 1, Line (5), Column (g)