

March 2, 2018

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4781 - Fiscal Year 2019 Gas Infrastructure, Safety, and Reliability Plan Updated Attachments to Sections 3 and 4 of the Plan

Dear Ms. Massaro:

National Grid¹ and the Division of Public Utilities and Carriers (Division) have agreed to resolve the capital costs associated with the decommissioning of the liquefied natural gas (LNG) tank in Cumberland, Rhode Island. As a result, any issues relating to the Cumberland LNG tank are no longer included in the above-referenced docket. This results in a reduction of \$1.3 million to the capital costs included in the Fiscal Year 2019 Infrastructure, Safety, and Reliability (ISR) Plan (the Plan) filing. Attached to this filing is Section 3, Attachment 1-Supp2, which provides the updated Gas ISR revenue requirement as a result of the reduction in capital costs; and Section 4, Attachment 1-Supp2 and Attachment 2-Supp2, which provide the updated Gas ISR factors and bill impact analysis as a result of the reduction in capital costs. Also attached is a summary sheet to the updated revenue requirement that summarizes how the \$1.3 million was removed from the ISR revenue requirement embedded into Section 3, Attachment 1-Supp2.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,



Robert J. Humm

Enclosures

cc: Docket 4781 Service List
Leo Wold, Esq.
John Bell, Division
Al Mancini, Division

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

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Annual Revenue Requirement Summary**

Line No.		As Approved Fiscal Year <u>2018</u> (a)	Fiscal Year <u>2019</u> (b)	Fiscal Year <u>2020</u> (c)
	Operation and Maintenance Expenses			
1	Forecasted Gas Infrastructure, Safety, and Reliability O&M Expenses	<u>\$571,000</u>	<u>\$502,000</u>	
	Capital Investment:			
2	Actual Revenue Requirement on Incremental FY 2012 Capital included in ISR Rate Base	\$1,059,435	\$958,187	\$942,721
3	Actual Revenue Requirement on Incremental FY 2013 Capital included in ISR Rate Base	\$259,032	\$210,394	\$225,724
4	Actual Revenue Requirement on Incremental FY 2014 Capital included in ISR Rate Base	\$3,303,452	\$3,085,893	\$3,037,065
5	Actual Annual Revenue Requirement on FY 2015 Capital Included in ISR Rate Base	\$6,555,992	\$5,826,786	\$5,650,428
6	Actual Annual Revenue Requirement on FY 2016 Capital Included in ISR Rate Base	\$7,715,333	\$6,797,242	\$6,581,122
7	Actual Annual Revenue Requirement on FY 2017 Capital Included in ISR Rate Base	\$6,015,643	\$5,189,647	\$5,466,133
8	Forecasted Annual Revenue Requirement on FY 2018 Capital Included in ISR Rate Base	\$3,928,534	\$7,433,043	\$7,449,555
9	Forecasted Annual Revenue Requirement on FY 2019 Capital Included in ISR Rate Base	<u>\$4,353,572</u>	<u>\$4,353,572</u>	<u>\$8,571,062</u>
10	Total Capital Investment Revenue Requirement	<u>\$28,837,421</u>	<u>\$33,854,765</u>	<u>\$37,923,810</u>
11	Forecasted Annual Property Tax Recovery Mechanism	\$7,699,824	\$9,517,495	
11a	True-Up for FY 2013 through FY 2016 Work Order Write Off: Capital Investment Related	(\$532,674)	\$0	
11b	True-Up for FY 2013 through FY 2016 Work Order Write Off: Property Tax Related	(\$24,620)	\$0	
11c	True-Up for Cumberland LNG Settlement		(\$61,849)	
12	Total Capital Investment Component of the Revenue Requirement	<u>\$35,979,952</u>	<u>\$43,310,412</u>	
13	Total Fiscal Year Revenue Requirement	<u>\$36,550,952</u>	<u>\$43,812,412</u>	
14	Total Incremental Fiscal Year Rate Adjustment		<u>\$7,261,460</u>	

Column Notes

(a) As approved in Docket No. RIPUC 4678

Line Notes

1 From Exhibit JBC-1, Section 2, Table 1.
 2(b)-(c) From Page 16 of 31, Line 34
 3(b)-(c) From Page 14 of 31, Line 34
 4(b)-(c) From Page 12 of 31, Line 36
 5(b)-(c) From Page 10 of 31, Line 30
 6(b)-(c) From Page 8 of 31, Line 30
 7(b)-(c) From Page 6 of 31, Line 30
 8(b)-(c) From Page 4 of 31, Line 30
 9 Sum of Lines 2 through 8
 10 From Page 20 of 31, Line 96(g)
 11 Line 9 + Line 10 + Line 10a
 12 Line 1 + Line 11
 13 Line 12(b) - Line 12(a)

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2019 Forecasted Gas Capital Investment**

Line No.		Fiscal Year 2019 (a)	Fiscal Year 2020 (b)
<u>Depreciable Net Capital Included in ISR Rate Base</u>			
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Per Company's books \$100,772,000	\$0
2	Retirements	Line 1 * Retirement rate \$10,050,337	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) = Prior Year Line 3 \$90,721,663	\$90,721,663
<u>Change in Net Capital Included in ISR Rate Base</u>			
4	Capital Included in ISR Rate Base	Line 1 \$100,772,000	\$0
5	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant \$24,356,183	\$0
6	Incremental Capital Amount	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6 \$76,415,817	\$76,415,817
7	Cost of Removal	Per Company's books \$5,440,400	\$5,440,400
8	Net Plant Amount	Line 6 + Line 7 \$81,856,217	\$81,856,217
<u>Deferred Tax Calculation:</u>			
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943 & 4323 3.38%	3.38%
10	Tax Depreciation	Page 3 \$78,798,310	\$2,074,026
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10 \$78,798,310	\$80,872,336
12	Book Depreciation	Column (a) = Line 3 * Line 9 * 50% ; Column (b) = Line 3 * Line 9 \$1,533,196	\$3,066,392
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12 \$1,533,196	\$4,599,588
14	Cumulative Book / Tax Timer	Line 11 - Line 13 \$77,265,114	\$76,272,747
15	Effective Tax Rate	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15 \$16,225,674	\$16,017,277
17	Less: FY 2019 Federal NOL	Estimated NOL, per Tax Department \$0	\$0
18	Proration Adjustment	Col (a) = Page 25b of 31, Line 40; Col (b) = Page 26b of 31, Line 40 (\$148,115)	\$93,707
19	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 \$16,077,559	\$16,110,984
<u>ISR Rate Base Calculation:</u>			
20	Cumulative Incremental Capital Included in ISR Rate Base	Line 8 \$81,856,217	\$81,856,217
21	Accumulated Depreciation	- Line 13 (\$1,533,196)	(\$4,599,588)
22	Deferred Tax Reserve	- Line 19 (\$16,077,559)	(\$16,110,984)
23	Year End Rate Base before Deferred Tax Proration	Sum of Lines 20 through 22 \$64,245,462	\$61,145,645
<u>Revenue Requirement Calculation:</u>			
24	Average ISR Rate Base	Column (a) = Current Year Line 23 ÷ 2; Column (b) = (Prior Year Line 23 \$32,122,731	\$62,695,553
25	Pre-Tax ROR	Page 31, Line 29(e) 8.78%	8.78%
26	Return and Taxes	Line 24 * Line 25 \$2,820,376	\$5,504,670
27	Book Depreciation	Line 12 \$1,533,196	\$3,066,392
28	Property Taxes	2/ \$0	\$0
29	Annual Revenue Requirement	Sum of Lines 26 through 28 \$4,353,572	\$8,571,062

1/ Assumes 9.97% retirement rate based on FY 2017 actual retirements (Per Page 6 of 25, Line 2(a) ÷ Line 1(a))

2/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14 and reflected in total on Page 1 at Line 10.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2019 Capital Investments**

Line No.			Fiscal Year 2019 (a)	
<u>Capital Repairs Deduction</u>				
1	Plant Additions	Page 2 of 31, Line 1	\$100,772,000	
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 71.49%	
3	Capital Repairs Deduction	Line 2 * Line 3	<u>\$72,041,903</u>	
 <u>Bonus Depreciation</u>				
4	Plant Additions	Line 1	\$100,772,000	
5	Less Capital Repairs Deduction	Line 3	<u>\$72,041,903</u>	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	<u>\$28,730,097</u>	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	<u>\$28,730,097</u>	
9	Bonus Depreciation Rate (April 2018 - December 2018)	1 * 75% * 0%	0.00%	
10	Bonus Depreciation Rate (January 2019 - March 2019)	1 * 25% * 0%	<u>0.00%</u>	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
 <u>Remaining Tax Depreciation</u>				
13	Plant Additions	Line 1	\$100,772,000	
14	Less Capital Repairs Deduction	Line 3	<u>\$72,041,903</u>	
15	Less Bonus Depreciation	Line 12	<u>\$0</u>	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 4 - 5	<u>\$28,730,097</u>	
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946	<u>3.750%</u>	
18	Remaining Tax Depreciation	Line 6 * Line 7	<u>\$1,077,379</u>	
19	FY19 tax (gain)/loss on retirements	Per Tax Department	\$238,628	
20	Cost of Removal	Page 2 of 31, Line 7	\$5,440,400	
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 20	<u><u>\$78,798,310</u></u>	

20 Year MACRS Depreciation		
MACRS basis: \$28,730,097		
Fiscal Year		
2019	3.750%	\$1,077,379
2020	7.219%	\$2,074,026
2021	6.677%	\$1,918,309
2022	6.177%	\$1,774,658
2023	5.713%	\$1,641,350
2024	5.285%	\$1,518,386
2025	4.888%	\$1,404,327
2026	4.522%	\$1,299,175
2027	4.462%	\$1,281,937
2028	4.461%	\$1,281,650
2029	4.462%	\$1,281,937
2030	4.461%	\$1,281,650
2031	4.462%	\$1,281,937
2032	4.461%	\$1,281,650
2033	4.462%	\$1,281,937
2034	4.461%	\$1,281,650
2035	4.462%	\$1,281,937
2036	4.461%	\$1,281,650
2037	4.462%	\$1,281,937
2038	4.461%	\$1,281,650
2039	2.231%	\$640,968
	<u>100.000%</u>	<u>\$28,730,097</u>

1/ Capital Repairs percentage is based on a three-year average of FYs 2014, 2015 and 2016 capital repairs rates.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2018 Forecasted Gas Capital Investment**

Line No.		Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)
Depreciable Net Capital Included in ISR Rate Base				
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Per Company's books	\$93,077,000	\$0
2	Retirements	Line 1 * Retirement rate	\$3,285,618	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) = Prior Year Line 3	\$89,791,382	\$89,791,382
Change in Net Capital Included in ISR Rate Base				
4	Capital Included in ISR Rate Base	Line 1	\$93,077,000	\$0
5	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant	\$24,356,183	\$0
6	Incremental Capital Amount	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6	\$68,720,817	\$68,720,817
7	Cost of Removal	Per Company's books	\$8,008,000	\$8,008,000
8	Net Plant Amount	Line 6 + Line 7	\$76,728,817	\$76,728,817
Deferred Tax Calculation:				
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943 & 4323	3.38%	3.38%
10	Tax Depreciation	Page 3	\$80,427,546	\$1,567,260
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$80,427,546	\$81,994,806
12	Book Depreciation	Column (a) = Line 3 * Line 9 * 50% ; Column (b) = Line 3 * Line 9	\$1,517,474	\$3,034,949
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$1,517,474	\$4,552,423
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$78,910,072	\$77,442,384
15	Effective Tax Rate		21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15	\$16,571,115	\$16,262,901
17	Less: FY 2018 Federal NOL	Estimated NOL, per Tax Department	\$0	\$0
18	Proration Adjustment	Col (a) = Page 25b of 31, Line 40; Col (b) = Page 26b of 31, Line 40	(\$2,480,673)	\$278,894
19	Excess Deferred Taxes	Page 30, Line 9(c)	\$8,285,558	\$8,285,558
20	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 + Line 19	\$22,376,000	\$24,827,352
ISR Rate Base Calculation:				
21	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$76,728,817	\$76,728,817
22	Accumulated Depreciation	- Line 13	(\$1,517,474)	(\$4,552,423)
23	Deferred Tax Reserve	- Line 20	(\$22,376,000)	(\$15,929,975)
24	Year End Rate Base before Deferred Tax Proration	Sum of Lines 21 through 23	\$52,835,343	\$47,349,042
Revenue Requirement Calculation:				
25	Average ISR Rate Base	Column (a) = Current Year Line 23 ÷ 2; Column (b) = (Prior Year Line 23 + Current Year Line 22) ÷ 2	\$26,417,672	\$50,092,192
26	Pre-Tax ROR	Page 31, Line 29(e)	9.73%	8.78%
27	Return and Taxes	Line 25 * Line 26	\$2,570,439	\$4,398,094
28	Book Depreciation	Line 12	\$1,517,474	\$3,034,949
29	Property Taxes		\$0	\$0
30	Annual Revenue Requirement	Sum of Lines 27 through 29	\$4,087,913	\$7,433,043

1/ Assumes 3.53% retirement rate based on FY 2016 actual retirements (Per Page 8 of 29, Line 2(a) ÷ Line 1(a))

2/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14 and reflected in total on Page 1 at Line 10.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2018 Capital Investments**

Line No.			Fiscal Year 2018 (a)	
<u>Capital Repairs Deduction</u>				
1	Plant Additions	Page 4 of 31, Line 1	\$93,077,000	
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 68.90%	
3	Capital Repairs Deduction	Line 2 * Line 3	<u>\$64,130,046</u>	
 <u>Bonus Depreciation</u>				
4	Plant Additions	Line 1	\$93,077,000	
5	Less Capital Repairs Deduction	Line 3	<u>\$64,130,046</u>	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$28,946,954	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>100.00%</u>	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$28,946,954	
9	Bonus Depreciation Rate (April 2017 - September 2017)	1 * 50% * 50%	25.00%	
10	Bonus Depreciation Rate (January 2018 - March 2018)	1 * 25% * 0%	<u>0.00%</u>	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	25.00%	
12	Bonus Depreciation	Line 8 * Line 11	<u>\$7,236,739</u>	
 <u>Remaining Tax Depreciation</u>				
13	Plant Additions	Line 1	\$93,077,000	
14	Less Capital Repairs Deduction	Line 3	<u>\$64,130,046</u>	
15	Less Bonus Depreciation	Line 12	<u>\$7,236,739</u>	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 4 - 5	\$21,710,215	
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946	<u>3.750%</u>	
18	Remaining Tax Depreciation	Line 6 * Line 7	<u>\$814,133</u>	
19	FY18 tax (gain)/loss on retirements	Per Tax Department	\$238,628	
20	Cost of Removal	Page 4 of 31, Line 7	\$8,008,000	
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 20	<u><u>\$80,427,546</u></u>	

20 Year MACRS Depreciation		
MACRS basis: \$21,710,215		
Fiscal Year		
2018	3.750%	\$814,133
2019	7.219%	\$1,567,260
2020	6.677%	\$1,449,591
2021	6.177%	\$1,341,040
2022	5.713%	\$1,240,305
2023	5.285%	\$1,147,385
2024	4.888%	\$1,061,195
2025	4.522%	\$981,736
2026	4.462%	\$968,710
2027	4.461%	\$968,493
2028	4.462%	\$968,710
2029	4.461%	\$968,493
2030	4.462%	\$968,710
2031	4.461%	\$968,493
2032	4.462%	\$968,710
2033	4.461%	\$968,493
2034	4.462%	\$968,710
2035	4.461%	\$968,493
2036	4.462%	\$968,710
2037	4.461%	\$968,493
2038	2.231%	\$484,355
	<u>100.000%</u>	<u>\$21,710,215</u>

1/ Capital Repairs percentage is based on a three-year average of FYs 2013, 2014 and 2015 capital repairs rates.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2017 Forecasted Gas Capital Investment**

Line No.		Fiscal Year 2017 (a)	Fiscal Year 2018 (b)	Fiscal Year 2019 (c)	Fiscal Year 2020 (d)	
Depreciable Net Capital Included in ISR Rate Base						
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Per RIPUC Docket No. 4590	\$79,960,614	\$0	\$0	\$0
2	Retirements	Per Company books	\$8,094,426	\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) through (c) =	\$71,866,188	\$71,866,188	\$71,866,188	\$71,866,188
Change in Net Capital Included in ISR Rate Base						
4	Capital Included in ISR Rate Base	Line 1	\$79,960,614	\$0	\$0	\$0
5	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General	\$24,356,183	\$0	\$0	\$0
6	Incremental Capital Amount	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6	\$55,604,431	\$55,604,431	\$55,604,431	\$55,604,431
7	Cost of Removal	Per Company's books	\$6,100,390	\$6,100,390	\$6,100,390	\$6,100,390
8	Net Plant Amount	Line 6 + Line 7	\$61,704,821	\$61,704,821	\$61,704,821	\$61,704,821
Deferred Tax Calculation:						
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943 & 4323	3.38%	3.38%	3.38%	3.38%
10	Tax Depreciation	Page 3	\$74,797,647	\$862,679	\$797,909	\$738,159
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$74,797,647	\$75,660,326	\$76,458,235	\$77,196,393
12	Book Depreciation	Column (a) = Line 3 * Line 9 * 50%; Column (b) = Line 3 * Line	\$1,214,539	\$2,429,077	\$2,429,077	\$2,429,077
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$1,214,539	\$3,643,616	\$6,072,693	\$8,501,770
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$73,583,108	\$72,016,710	\$70,385,542	\$68,694,623
15	Effective Tax Rate		35.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15	\$25,754,088	\$15,123,509	\$14,780,964	\$14,425,871
17	Less: FY 2017 Federal NOL	Estimated NOL, per Tax Department	\$0	\$0	\$0	\$0
18	Proration Adjustment	Col (b) = Page 25b of 31, Line 40; Col (c) = Page 26b of 31, Line 40	\$0	\$321,433	\$309,959	\$321,313
19	Excess Deferred Taxes	Page 30, Line 8(e)	\$0	\$10,137,163	\$10,137,163	\$10,137,163
20	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 + Line 19	\$25,754,088	\$25,582,105	\$25,228,086	\$24,884,347
ISR Rate Base Calculation:						
21	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$61,704,821	\$61,704,821	\$61,704,821	\$61,704,821
22	Accumulated Depreciation	- Line 13	(\$1,214,539)	(\$3,643,616)	(\$6,072,693)	(\$8,501,770)
23	Deferred Tax Reserve	- Line 20	(\$25,754,088)	(\$25,582,105)	(\$25,228,086)	(\$14,425,871)
24	Year End Rate Base	Sum of Lines 21 through 23	\$34,736,194	\$32,479,100	\$30,404,042	\$38,777,180
Revenue Requirement Calculation:						
25	Average ISR Rate Base	Column (a) = Current Year Line 23 ÷ 2; Column (b) = (Prior Year	\$17,368,097	\$33,607,647	\$31,441,571	\$34,590,611
26	Pre-Tax ROR	Page 31, Line 29(e)	10.05%	9.73%	8.78%	8.78%
27	Return and Taxes	Line 25 * 26	\$1,745,494	\$3,270,024	\$2,760,570	\$3,037,056
28	Book Depreciation	Line 12	\$1,214,539	\$2,429,077	\$2,429,077	\$2,429,077
29	Property Taxes	1/	\$0	\$0	\$0	\$0
30	Annual Revenue Requirement	Sum of Lines 27 through 29	\$2,960,033	\$5,699,101	\$5,189,647	\$5,466,133
30	Annual Revenue Requirement as previously reported		\$3,021,881			
			(\$61,849)			

1/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14 and reflected in total on Page 1 at Line 10.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2017 Capital Investments**

Line No.			Fiscal Year <u>2017</u> (a)
<u>Capital Repairs Deduction</u>			
1	Plant Additions	Page 6 of 31, Line 1	\$79,960,614
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 70.11%
3	Capital Repairs Deduction	Line 2 * Line 3	<u>\$56,060,386</u>
 <u>Bonus Depreciation</u>			
4	Plant Additions	Line 1	\$79,960,614
5	Less Capital Repairs Deduction	Line 3	<u>\$56,060,386</u>
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$23,900,228
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>100.00%</u>
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$23,900,228
9	Bonus Depreciation Rate (April 2016 - December 2016)	1 * 75% * 50%	37.50%
10	Bonus Depreciation Rate (January 2017 - March 2017)	1 * 25% * 50%	<u>12.50%</u>
11	Total Bonus Depreciation Rate	Line 9 + Line 10	50.00%
12	Bonus Depreciation	Line 8 * Line 11	\$11,950,114
 <u>Remaining Tax Depreciation</u>			
13	Plant Additions	Line 1	\$79,960,614
14	Less Capital Repairs Deduction	Line 3	\$56,060,386
15	Less Bonus Depreciation	Line 12	<u>\$11,950,114</u>
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$11,950,114
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946	<u>3.750%</u>
18	Remaining Tax Depreciation	Line 6 * Line 7	\$448,129
19	FY17 tax (gain)/loss on retirements	Per Tax Department	\$238,628
20	Cost of Removal	Page 6 of 31, Line 7	\$6,100,390
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 20	<u><u>\$74,797,647</u></u>

20 Year MACRS Depreciation		
MACRS basis: \$11,950,114		
Fiscal Year		
2017	3.750%	\$448,129
2018	7.219%	\$862,679
2019	6.677%	\$797,909
2020	6.177%	\$738,159
2021	5.713%	\$682,710
2022	5.285%	\$631,564
2023	4.888%	\$584,122
2024	4.522%	\$540,384
2025	4.462%	\$533,214
2026	4.461%	\$533,095
2027	4.462%	\$533,214
2028	4.461%	\$533,095
2029	4.462%	\$533,214
2030	4.461%	\$533,095
2031	4.462%	\$533,214
2032	4.461%	\$533,095
2033	4.462%	\$533,214
2034	4.461%	\$533,095
2035	4.462%	\$533,214
2036	4.461%	\$533,095
2037	2.231%	\$266,607
	<u>100.000%</u>	<u>\$11,950,114</u>

The Narragansett Electric Company
 d/b/a National Grid
 FY 2019 Gas Infrastructure, Safety,
 and Reliability Plan Proposal Filing
 Section 3, Attachment 1-Supp2
 Page 7 of 31

1/ Agrees to the FY 2017 Gas Plan Proposal in RIPUC Docket 4590. Capital repairs percentage is based on a three-year average of FYs 2012, 2013 and 2014 capital repairs rates.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2016 Actual Incremental Gas Capital Investment**

Line No.		Fiscal Year 2016 (a)	Fiscal Year 2017 (b)	Fiscal Year 2018 (d)	Fiscal Year 2019 (e)	Fiscal Year 2020 (f)
<u>Depreciable Net Capital Included in ISR Rate Base</u>						
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Per RIPUC Docket No. 4540 \$90,072,473	\$0	\$0	\$0	\$0
1a	Work Order Write Off Adjustment	Per Company's books \$597,976	\$0	\$0	\$0	\$0
1b	New Service Installation and Service Relocations, Growth (per Informal Request Division 1-2)	Per Company's books \$151,092	\$0	\$0	\$0	\$0
2	Retirements	Per Company's books (actual) \$3,177,067	\$0	\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Column (a) = Line 1 - Line 1a - Line 1b - Line 2; Column (b) through (d) = Prior Year Line 3	\$86,146,338	\$86,146,338	\$86,146,338	\$86,146,338
<u>Change in Net Capital Included in ISR Rate Base</u>						
4	Capital Included in ISR Rate Base	Line 1 - Line 1a - Line 1b \$89,323,405	\$0	\$0	\$0	\$0
5	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General Plant \$24,356,183	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5 \$64,967,222	\$64,967,222	\$64,967,222	\$64,967,222	\$64,967,222
7	Cost of Removal	Per Company's books (actual) \$3,796,440	\$0	\$0	\$0	\$0
7a	Work Order Write Off Adjustment	Per Company's books \$94,829	\$0	\$0	\$0	\$0
7b	New Service Installation and Service Relocations, Growth (per Informal Request Division 1-2)	Per Company's books \$17,740	\$0	\$0	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7 - Line 7a - Line 7b	\$68,651,094	\$68,651,094	\$68,651,094	\$68,651,094
<u>Deferred Tax Calculation:</u>						
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943 & 4323 3.38%	3.38%	3.38%	3.38%	3.38%
10	Tax Depreciation	Page 3 \$82,938,193	\$786,495	\$727,445	\$672,971	\$622,419
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10 \$82,938,193	\$83,724,688	\$84,452,133	\$85,125,105	\$85,747,524
12	Book Depreciation	Line 3 * Line 9 * 50% \$1,455,873	\$2,911,746	\$2,911,746	\$2,911,746	\$2,911,746
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12 \$1,455,873	\$4,367,619	\$7,279,366	\$10,191,112	\$13,102,858
14	Cumulative Book / Tax Timer	Line 11 - Line 13 \$81,482,320	\$79,357,069	\$77,172,768	\$74,933,993	\$72,644,666
15	Effective Tax Rate	35.00%	35.00%	21.000%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15 \$28,518,812	\$27,774,974	\$16,206,281	\$15,736,138	\$15,255,380
17	Less: FY 2016 Federal NOL	Per Page 23 of 31, Line 13 (\$11,594,940)	(\$11,594,940)	(\$11,594,940)	(\$11,594,940)	(\$11,594,940)
18	Proration Adjustment	Col (d) = Page 25b of 31, Line 40; Col (e) = Page 26b of 31, Line 40 \$0	\$0	\$384,608	\$425,418	\$435,024
19	Excess Deferred Taxes	Page 30, Line 7(e) \$16,923,872	\$16,180,034	\$10,880,638	\$10,880,638	\$10,880,638
20	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 + Line 19 \$16,923,872	\$16,180,034	\$15,876,587	\$15,447,255	\$14,976,102
<u>ISR Rate Base Calculation:</u>						
21	Cumulative Incremental Capital Included in ISR Rate Base	Line 8 \$68,651,094	\$68,651,094	\$68,651,094	\$68,651,094	\$68,651,094
22	Accumulated Depreciation	- Line 13 (\$1,455,873)	(\$4,367,619)	(\$7,279,366)	(\$10,191,112)	(\$13,102,858)
23	Deferred Tax Reserve	- Line 20 (\$16,923,872)	(\$16,180,034)	(\$15,876,587)	(\$15,447,255)	(\$14,976,102)
24	Year End Rate Base	Sum of Lines 21 through 23 \$50,271,349	\$48,103,440	\$45,495,141	\$43,012,727	\$40,572,133
<u>Revenue Requirement Calculation:</u>						
25	Average ISR Rate Base	Column (a) = Current Year Line 24 ÷ 2; Column (b) through (d) = (Prior Year Line 24 + Current Year Line 24 ÷ 2) \$25,135,674	\$49,187,394	\$46,799,291	\$44,253,934	\$41,792,430
26	Pre-Tax ROR	Page 31, Line 29(e) 10.05%	10.05%	9.73%	8.78%	8.78%
27	Return and Taxes	Line 25 * 26 \$2,526,135	\$4,943,333	\$4,553,571	\$3,885,495	\$3,669,375
28	Book Depreciation	Line 12 \$1,455,873	\$2,911,746	\$2,911,746	\$2,911,746	\$2,911,746
29	Property Taxes	1/ \$0	\$0	\$0	\$0	\$0
30	Annual Revenue Requirement	Sum of Lines 27 through 29	\$3,982,008	\$7,855,079	\$7,465,317	\$6,797,242
			\$6,581,122			

1/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14 and reflected in total on Page 1 at Line 10.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2016 Capital Investments**

Line No.		Fiscal Year 2016 (a)	
<u>Capital Repairs Deduction</u>			
1	Plant Additions	\$89,474,497	Page 8 of 31, Line 1 minus Line 1a
2	Capital Repairs Deduction Rate	75.72%	Per Tax Department 1/
3	Capital Repairs Deduction	\$67,750,089	Line 2 * Line 3
 <u>Bonus Depreciation</u>			
4	Plant Additions	\$89,474,497	Line 1
5	Less Capital Repairs Deduction	\$67,750,089	Line 3
6	Plant Additions Net of Capital Repairs Deduction	\$21,724,408	Line 4 - Line 5
7	Percent of Plant Eligible for Bonus Depreciation	99.70%	Per Tax Department
8	Plant Eligible for Bonus Depreciation	\$21,659,235	Line 6 * Line 7
9	Bonus Depreciation Rate (April 2015- December 2015)	37.50%	1 * 75% * 50%
10	Bonus Depreciation Rate (January 2016 - March 2016)	12.50%	1 * 25% * 50%
11	Total Bonus Depreciation Rate	50.00%	Line 9 + Line 10
12	Bonus Depreciation	\$10,829,617	Line 8 * Line 11
 <u>Remaining Tax Depreciation</u>			
13	Plant Additions	\$89,474,497	Line 1
14	Less Capital Repairs Deduction	\$67,750,089	Line 3
15	Less Bonus Depreciation	\$10,829,617	Line 12
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$10,894,791	Line 13 - Line 14 - Line 15
17	20 YR MACRS Tax Depreciation Rates	3.750%	IRS Publication 946
18	Remaining Tax Depreciation	\$408,555	Line 16 * Line 17
19	FY16 tax (gain)/loss on retirements	\$248,321	Per Tax Department
20	Cost of Removal	\$3,701,611	Page 8 of 31, Line 7 minus Line 7a
21	Total Tax Depreciation and Repairs Deduction	<u>\$82,938,193</u>	Sum of Lines 3, 12, 18, 19 & 20

20 Year MACRS Depreciation		
MACRS basis: \$10,894,791		
Fiscal Year		
2016	3.750%	\$408,555
2017	7.219%	\$786,495
2018	6.677%	\$727,445
2019	6.177%	\$672,971
2020	5.713%	\$622,419
2021	5.285%	\$575,790
2022	4.888%	\$532,537
2023	4.522%	\$492,662
2024	4.462%	\$486,126
2025	4.461%	\$486,017
2026	4.462%	\$486,126
2027	4.461%	\$486,017
2028	4.462%	\$486,126
2029	4.461%	\$486,017
2030	4.462%	\$486,126
2031	4.461%	\$486,017
2032	4.462%	\$486,126
2033	4.461%	\$486,017
2034	4.462%	\$486,126
2035	4.461%	\$486,017
2036	2.231%	\$243,063
	100.000%	\$10,894,791

Capital Repairs percentage is based on the actual results of the FY 2016 tax return. Since growth is not included in the ISR, the percentage was derived by taking property qualifying for the repairs deduction 1/ as a percentage of the total annual plant additions in those categories that are considered as potentially qualifying for Capital Repairs deduction.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2015 Actual Incremental Gas Capital Investment**

Line No.			Fiscal Year 2015 (a)	Cumulative FY 16-FY 17 (d)	Fiscal Year 2018 (e)	Fiscal Year 2019 (f)	Fiscal Year 2020 (g)
Depreciable Net Capital Included in ISR Rate Base							
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Per RIPUC Docket No. 4474	\$74,915,000		\$0	\$0	\$0
1a	Work Order Write Off Adjustment	Per Company's books	\$323,217		\$0	\$0	\$0
	New Service Installation and Service Relocations, Growth (per Informal Request Division 1-2)	Per Company's books	\$87,115				
2	Retirements	Per Company's books (actual)	\$5,566,546		\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) through (e) =	\$68,938,122		\$68,938,122	\$68,938,122	\$68,938,122
Change in Net Capital Included in ISR Rate Base							
4	Capital Included in ISR Rate Base	Line 1 - Line 1a - Line 1b	\$74,504,668		\$0	\$0	\$0
5	Depreciation Expense	Per Settlement Agreement Docket No. 4323, excluding General	\$24,356,183		\$0	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5	\$50,148,485		\$50,148,485	\$50,148,485	\$50,148,485
7	Cost of Removal	Per Company's books (actual)	\$2,425,000		\$2,425,000	\$2,425,000	\$2,425,000
7a	Work Order Write Off Adjustment	Per Company's books	\$253,782		\$0	\$0	\$0
	New Service Installation and Service Relocations, Growth (per Informal Request Division 1-2)	Per Company's books	\$6,782				
7b							
8	Net Plant Amount	Line 6 + Line 7 - Line 7a - Line 7b	\$52,312,921	\$52,312,921	\$52,312,921	\$52,312,921	\$52,312,921
Deferred Tax Calculation:							
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943 & 4323	3.38%		3.38%	3.38%	3.38%
10	Tax Depreciation	Page 3	\$68,843,570		\$837,819	\$774,884	\$716,832
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$68,843,570	\$70,728,358	\$71,566,177	\$72,341,061	\$73,057,894
12	Book Depreciation	Column (a) = Line 3 * Line 9 * 50%; Column (b) = Line 3 *	\$1,165,054		\$2,330,109	\$2,330,109	\$2,330,109
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$1,165,054	\$5,825,271	\$8,155,380	\$10,485,488	\$12,815,597
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$67,678,516	\$64,903,087	\$63,410,797	\$61,855,573	\$60,242,297
15	Effective Tax Rate		35.00%	35.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15	\$23,687,481	\$22,716,080	\$13,316,267	\$12,989,670	\$12,650,882
17	Less: FY 2015 NOL	Per Page 23 of 31, Line 13	(\$19,205,538)	(\$19,205,538)	(\$19,205,538)	(\$19,205,538)	(\$19,205,538)
18	Proration Adjustment	Col (e) = Page 25b of 31, Line 40; Col (f) = Page 26b of 31, Line 40	\$0	\$0	\$284,129	\$295,528	\$306,559
19	Excess Deferred Taxes	Page 30, Line 6(e)			\$8,929,742	\$8,929,742	\$8,929,742
20	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 + Line 19	\$4,481,943	\$3,510,543	\$3,324,600	\$3,009,402	\$2,681,646
ISR Rate Base Calculation:							
21	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$52,312,921	\$52,312,921	\$52,312,921	\$52,312,921	\$52,312,921
22	Accumulated Depreciation	- Line 13	(\$1,165,054)	(\$5,825,271)	(\$8,155,380)	(\$10,485,488)	(\$12,815,597)
23	Deferred Tax Reserve	- Line 20	(\$4,481,943)	(\$3,510,543)	(\$3,324,600)	(\$3,009,402)	(\$2,681,646)
24	Year End Rate Base	Sum of Lines 21 through 23	\$46,665,924	\$42,977,108	\$40,832,942	\$38,818,031	\$36,815,679
Revenue Requirement Calculation:							
25	Average ISR Rate	Column (a) = Current Year Line 24 ÷ 2; Column (b) through (d)	\$23,332,962		\$41,905,025	\$39,825,486	\$37,816,855
26	Pre-Tax ROR	Page 31, Line 29(e)	10.05%		9.73%	8.78%	8.78%
27	Return and Taxes	Line 25 * 26	\$2,344,963		\$4,077,359	\$3,496,678	\$3,320,320
28	Book Depreciation	Line 12	\$1,165,054		\$2,330,109	\$2,330,109	\$2,330,109
29	Property taxes	1/	\$0		\$0	\$0	\$0
30	Annual Revenue Requirement	Sum of Lines 27 through 29	\$3,510,017		\$6,407,467	\$5,826,786	\$5,650,428

1/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14 and reflected in total on Page 1 at Line 10.

Column (d) - Summarizes previously submitted ISR filings

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2015 Capital Investments**

Line No.			Fiscal Year <u>2015</u> (a)	
Capital Repairs Deduction				
1	Plant Additions	Per Page 10 of 31, Line 1 minus Line 1a	\$74,591,783	20 Year MACRS Depreciation MACRS basis: \$13,563,528 Fiscal Year 2015 3.750% \$508,632 2016 7.219% \$979,151 2017 6.677% \$905,637 2018 6.177% \$837,819 2019 5.713% \$774,884 2020 5.285% \$716,832 2021 4.888% \$662,985 2022 4.522% \$613,343 2023 4.462% \$605,205 2024 4.461% \$605,069 2025 4.462% \$605,205 2026 4.461% \$605,069 2027 4.462% \$605,205 2028 4.461% \$605,069 2029 4.462% \$605,205 2030 4.461% \$605,069 2031 4.462% \$605,205 2032 4.461% \$605,069 2033 4.462% \$605,205 2034 4.461% \$605,069 2035 2.231% \$302,602 <hr style="border: none; border-top: 1px solid black; margin: 0;"/> 100.000% \$13,563,528
2	Capital Repairs Deduction Rate	Per Tax Department 1/	63.81%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$47,597,001	
Bonus Depreciation				
4	Plant Additions	Line 1	\$74,591,783	
5	Less Capital Repairs Deduction	Line 3	\$47,597,001	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$26,994,782	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	99.51%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$26,862,508	
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	\$13,431,254	
Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$74,591,783	
14	Less Capital Repairs Deduction	Line 3	\$47,597,001	
15	Less Bonus Depreciation	Line 12	\$13,431,254	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$13,563,528	
17	20 YR MACRS Tax Depreciation Rates	Per IRS Pub. 946	3.750%	
18	Remaining Tax Depreciation	Line 16 * Line 17	\$508,632	
19	§481(a) FY09- FY14 adjustment for tax (gain)/loss on retirements	Per Tax Department	\$4,311,849	
20	FY15 tax (gain)/loss on retirements	Per Tax Department	\$823,616	
21	Cost of Removal	Per Page 10 of 31, Line 7 minus Line 7a	\$2,171,218	
22	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, 20 & 21	\$68,843,570	

1/ Capital Repairs percentage is based on the actual results of the FY 2015 tax return. Since growth is not included in the ISR, the percentage was derived by taking property qualifying for the repairs deduction as a percentage of the total annual plant additions in those categories that are considered as potentially qualifying for Capital Repairs deduction.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2014 Actual Incremental Gas Capital Investment**

Line No.			Fiscal Year 2014 (a)	Cumulative FY15-FY17 (c)	Fiscal Year 2018 (f)	Fiscal Year 2019 (g)	Fiscal Year 2020 (h)
Depreciable Net Capital Included in Rate Base							
1	Total Allowed Capital Included in Rate Base in Current Year	Page 18 of 31, Line 3, Column (c);	\$21,360,998		\$0	\$0	\$0
2	Retirements	Page 18 of 31, Line 9, Column (c)	1/ 1,615,155		\$0	\$0	\$0
3	Net Depreciable Capital Included in Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) through (f) =	\$19,745,842		\$19,745,842	\$19,745,842	\$19,745,842
Change in Net Capital Included in Rate Base							
4	Capital Included in Rate Base	Line 1	\$21,360,998		\$0	\$0	\$0
5	Depreciation expense	Per Compliance filing Docket No. 4323, excluding General Plant	2/ \$4,060,176		\$0	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5	\$17,300,822		\$17,300,822	\$17,300,822	\$17,300,822
7	Cost of Removal	Page 18 of 31, Line 6, Column (c);	3/ (\$1,319,752)		(\$1,319,752)	(\$1,319,752)	(\$1,319,752)
8	Net Plant Amount	Line 6 + Line 7	\$15,981,069	\$15,981,069	\$15,981,069	\$15,981,069	\$15,981,069
Deferred Tax Calculation:							
9	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 4323 and 3943	3.38%		3.38%	3.38%	3.38%
10	Tax Depreciation	Page 3	\$17,439,322		\$154,439	\$142,869	\$132,137
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$17,439,322	\$17,981,955	\$18,136,394	\$18,279,263	\$18,411,400
12	Book Depreciation	Column (a) = Line 3 * Line 9 * 50%; Columns (b)-(f) = Line 3 *	\$333,705		\$667,409	\$667,409	\$667,409
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$333,705	\$2,335,933	\$3,003,343	\$3,670,752	\$4,338,162
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$17,105,617	\$15,646,021	\$15,133,051	\$14,608,511	\$14,073,239
15	Effective Tax Rate		35.00%	35.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 * Line 15	\$5,986,966	\$5,476,107	\$3,177,941	\$3,067,787	\$2,955,380
17	Less: FY 2014 Federal NOL	Lessor of Line 16 or Page 23 of 31, Line 12	(\$5,986,966)	(\$5,476,107)	(\$3,177,941)	(\$3,067,787)	(\$2,955,380)
18	Proration Adjustment	Col (f) = Page 25b of 31, Line 40; Col (g) = Page 26b of 31, Line 40	\$0	\$0	\$0	\$0	\$0
19	Excess Deferred Taxes	Page 30, Line 5(e)	\$0	\$0	\$0	\$0	\$0
20	Net Deferred Tax Reserve	Line 16 + Line 17 + Line 18 + Line 19	7/ \$0	\$0	\$0	\$0	\$0
Rate Base Calculation:							
21	Cumulative Incremental Capital Included in Rate Base	Line 8	\$15,981,069	\$15,981,069	\$15,981,069	\$15,981,069	\$15,981,069
22	Accumulated Depreciation	- Line 13	(\$333,705)	(\$2,335,933)	(\$3,003,343)	(\$3,670,752)	(\$4,338,162)
23	Deferred Tax Reserve	- Line 20	\$0	\$0	\$0	\$0	\$0
24	Year End Rate Base	Sum of Lines 21 through 23	<u>\$15,647,365</u>	<u>\$13,645,136</u>	<u>\$12,977,727</u>	<u>\$12,310,317</u>	<u>\$11,642,908</u>
Revenue Requirement Calculation:							
25	Average ISR Rate Base	Column (a) = Current Year Line 24 * 31.41%; Column (b)	4/ \$4,914,753		\$13,311,432	\$12,644,022	\$11,976,613
26	Pre-Tax ROR	Page 31, Line 29(e)	10.05%		9.73%	8.78%	8.78%
27	Return and Taxes	Line 25 * Line 26	\$493,933		\$1,295,202	\$1,110,145	\$1,051,547
28	Book Depreciation	Line 12	\$333,705		\$667,409	\$667,409	\$667,409
29	Property Taxes		5/ \$0		\$0	\$0	\$0
30	Annual Revenue Requirement on Incremental FY14 Investment	Sum of Lines 27 through 29	\$827,637		\$1,962,612	\$1,777,555	\$1,718,956
31	Incremental Revenue Requirement	Line 26 Current Year - Line 27 Prior Year	\$827,637		\$650,892	\$1,126,663	\$592,293
31	Remaining FY14 NOL attributable to embedded rate base in RIPUC Docket 4323	Per Page 23 of 31, Line 13 less Line 17	\$12,037,252		\$14,846,277	\$14,956,431	\$15,068,838
32	Average Rate Base	Col (a) = Current Year Line 31 * 58.33%; Col (b) through (f) =	6/ \$7,021,730		\$13,697,194	\$14,901,354	\$15,012,634
33	Pre-Tax ROR	Page 31, Line 29(e)	10.05%		9.73%	8.78%	8.78%
34	Return and Taxes	Line 32 * Line 33	\$705,684		\$1,332,737	\$1,308,339	\$1,318,109
35	Annual Revenue Requirement adjustment to base rates	Line 34	\$705,684		\$1,332,737	\$1,308,339	\$1,318,109
36	Total Annual Revenue Requirement	Line 30 + Line 35	\$1,533,321		\$3,295,349	\$3,085,893	\$3,037,065

1/ Actual Incremental Retirements

2/ Depreciation expense has been prorated for two months (February - March 2014).

3/ Actual Incremental Cost of Removal

4/ 31.41% Per Page 28 of 31

5/ Property taxes calculated on Pages 19 through 22 for all vintage years commencing with FY14, and reflected in total on Page 1 at Line 10

6/ 58.33% per Docket No. 4474

7/ No proration or excessed deferred taxes due to NOL offset.

Column (e) - Summarizes previously submitted ISR filings

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2014 Capital Investments**

Line No.			Fiscal Year 2014 (a)		
<u>Capital Repairs Deduction</u>					
1	Plant Additions	Per Page 12 of 31, Line 1	\$21,360,998	20 Year MACRS Depreciation	
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 74.94%		
3	Capital Repairs Deduction	Line 1 * Line 2	<u>\$16,007,932</u>		
				MACRS basis: \$2,703,298	
<u>Bonus Depreciation</u>					
4	Plant Additions	Line 1	\$21,360,998	Fiscal Year	
5	Less Capital Repairs Deduction	Line 3	<u>\$16,007,932</u>		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$5,353,066		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>99.00%</u>		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$5,299,535		
9	Bonus Depreciation Rate (April 2013 - December 2013)	1 * 75% * 50%	37.50%		
10	Bonus Depreciation Rate (January 2014 - March 2014)	1 * 25% * 50%	<u>12.50%</u>		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	50.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$2,649,768		
<u>Remaining Tax Depreciation</u>					
13	Plant Additions	Line 1	\$21,360,998		
14	Less Capital Repairs Deduction	Line 3	\$16,007,932		
15	Less Bonus Depreciation	Line 12	<u>\$2,649,768</u>		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - 14 - 15	\$2,703,298		
17	20 YR MACRS Tax Depreciation Rates	Per IRS Pub. 946	3.750%		
18	Remaining Tax Depreciation	Line 16 * Line 17	<u>\$101,374</u>		
19	Cost of Removal	Per Page 12 of 31, Line 7	(\$1,319,752)		
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19	<u><u>\$17,439,322</u></u>		

1/ Capital Repairs percentage is based on the actual results of the FY 2014 tax return. Since growth is not included in the ISR, the percentage was derived by taking property qualifying for the repairs deduction as a percentage of the total annual plant additions in those categories that are considered as potentially qualifying for Capital Repairs deduction.

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY2013 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)
<u>Depreciable Net Capital Included in Rate Base</u>						
	Total Allowed Capital Included in Rate Base in Current Year	Page 18 of 31, Line 3, Column (b); (Includes Work Order Write Off Adjustment)				
1	Year	(\$1,197,129)		(\$1,197,129)	(\$1,197,129)	(\$1,197,129)
2	Retirements	3,276,842		3,276,842	3,276,842	3,276,842
3	Net Depreciable Capital Included in Rate Base	Column (a) = Line 1 - Line 2; Column (b) through (g) = Prior Year		(\$4,473,971)	(\$4,473,971)	(\$4,473,971)
<u>Change in Net Capital Included in Rate Base</u>						
4	Capital Included in Rate Base	Line 1		(\$1,197,129)		
5	Cost of Removal	Page 18 of 31, Line 6, Column (b);		(\$1,701,046)		
6	Net Plant Amount	Line 4 + Line 5		(\$2,898,175)	(\$2,898,175)	(\$2,898,175)
<u>Deferred Tax Calculation:</u>						
7	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 4323 and 3943		3.38%	3.38%	3.38%
8	Tax Depreciation	Page 3		(\$2,724,002)	(\$9,564)	(\$8,845)
9	Cumulative Tax Depreciation	Col (a)= Current Yr Line 8; Col (b)-(d)= Prior Yr Line 9 + Current		(\$2,724,002)	(\$2,770,664)	(\$2,789,073)
10	Book Depreciation	Column (a) = Line 3 * Line 7 * 50%; Column (b)-(d) = Line 3 *		(\$75,610)	(\$151,220)	(\$151,220)
11	Cumulative Book Depreciation	Col (a) = Current Yr Line 10; Col (b)-(d) = Prior Yr Line 9 +		(\$75,610)	(\$680,491)	(\$831,711)
12	Cumulative Book / Tax Timer	Line 9 - Line 11		(\$2,648,392)	(\$2,090,173)	(\$1,948,516)
13	Effective Tax Rate			35.00%	35.00%	21.00%
14	Deferred Tax Reserve	Line 12 * Line 13		(\$926,937)	(\$731,561)	(\$409,188)
15	Less: FY 2013 Federal NOL	Per Page 23 of 31, Line 13		\$0	\$0	\$0
16	Proration Adjustment	Col (g) = Page 25b of 31, Line 40; Col (h) = Page 26b of 31, Line 40		\$0	\$0	(\$26,743)
17	Excess Deferred Taxes	Page 30, Line 4(e)			(\$277,750)	(\$277,750)
18	Net Deferred Tax Reserve	Sum of Lines 14 through 17		(\$926,937)	(\$731,561)	(\$713,681)
<u>Rate Base Calculation:</u>						
19	Cumulative Incremental Capital Included in Rate Base	Line 6		(\$2,898,175)	(\$2,898,175)	(\$2,898,175)
20	Accumulated Depreciation	- Line 11		\$75,610	\$680,491	\$831,711
21	Deferred Tax Reserve	- Line 18		\$926,937	\$731,561	\$713,681
22	Year End Rate Base	Sum of Lines 19 through 21		(\$1,895,627)	(\$1,486,123)	(\$1,352,782)
<u>Revenue Requirement Calculation:</u>						
23	Average ISR Rate Base	Col (a) = Current Yr Line 22 ÷ 2; Col (b) through (g) = (Prior Yr		(\$947,814)	(\$1,419,453)	(\$1,291,966)
24	Pre-Tax ROR	Page 31, Line 29(e)		11.18%	9.73%	8.78%
25	Return and Taxes	Line 23 * Line 24		(\$105,966)	(\$138,113)	(\$113,435)
26	Book Depreciation	Line 10		(\$75,610)	(\$151,220)	(\$151,220)
27	Property Taxes	\$0 in Year 1, then Prior Year (Line 6 - Line 11) * Property Tax		\$0	(\$68,865)	(\$63,738)
28	Annual Revenue Requirement on Incremental FY 2013 Investment	Sum of Lines 25 through 27		(\$181,576)	(\$358,198)	(\$328,392)
29	Remaining FY13 NOL attributable to embedded rate base in RIPUC Docket 4323	Per Page 23 of 31, Line 13 less Line 15		\$6,136,520	\$6,136,520	\$6,136,520
30	Average Rate Base	Col (a) = Line 29 * 50%; Col (b) through (g) = (Prior Year Line 29		\$3,068,260	\$6,136,520	\$6,136,520
31	Pre-Tax ROR	Page 31, Line 29(e)		11.18%	9.73%	8.78%
32	Return and Taxes	Line 30 * Line 31		\$343,031	\$597,083	\$538,786
33	Annual Revenue Requirement adjustment to base rates related to NOL	Line 32		\$343,031	\$597,083	\$538,786
34	Total Annual Revenue Requirement	Line 28 + Line 33		\$161,456	\$238,886	\$210,394

1/ Actual Incremental Retirements

2/ Actual Incremental Cost of Removal

3/ Page 31

4/ FY 2018 effective property tax rate of 3.11% per Page 20 of 31 at Line 72(h)

Column (f) - Summarizes previously submitted ISR filings

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2013 Capital Investments**

Line No.			Fiscal Year <u>2013</u> (a)
<u>Capital Repairs Deduction</u>			
1	Plant Additions	Per Page 14 of 31, Line 1	(\$1,197,129)
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 67.95%
3	Capital Repairs Deduction	Line 1 * Line 2	<u>(\$813,449)</u>
<u>Bonus Depreciation</u>			
4	Plant Additions	Line 1	(\$1,197,129)
5	Less Capital Repairs Deduction	Line 3	<u>(\$813,449)</u>
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	(\$383,680)
7	Percent of Plant Eligible for 100% Bonus Depreciation	Per Tax Department	2/ 5.67%
8	Plant Eligible for 100% Bonus Depreciation	Line 6 * Line 7	<u>(\$21,763)</u>
9	Bonus Depreciation Rate (April 2012 - December 2012)	1 * 75% * 100%	75.00%
10	Bonus Depreciation Rate (January 2013 - March 2013)	1 * 25% * 100%	<u>25.00%</u>
11	Total Bonus Depreciation Rate	Line 9 + Line 10	100.00%
12	100% Bonus Depreciation	Line 8 * Line 11	<u>(\$21,763)</u>
13	Plant Additions Net of Capital Repairs Deduction and 100% Bonus Depreciation	Line 6 - Line 12	(\$361,917)
14	Plant Eligible for 50% Bonus Depreciation	Per Tax Department	100.00%
15	Bonus Depreciation Rate (April 2012 - December 2012)	1 * 75% * 50%	37.50%
16	Bonus Depreciation Rate (January 2013 - March 2013)	1 * 25% * 50%	<u>12.50%</u>
17	Total Bonus Depreciation Rate	Line 9 + Line 10	50.00%
18	50% Bonus Depreciation	Line 13 * Line 17	<u>(\$180,958)</u>
<u>Remaining Tax Depreciation</u>			
19	Plant Additions	Line 1	(\$1,197,129)
20	Less Capital Repairs Deduction	Line 3	<u>(\$813,449)</u>
21	Less Bonus Depreciation	Line 12 + Line 18	<u>(\$202,721)</u>
22	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 19 - 20 - 21	(\$180,958)
23	20 YR MACRS Tax Depreciation Rates	Per IRS Pub. 946	3.750%
24	Remaining Tax Depreciation	Line 22 * Line 23	<u>(\$6,786)</u>
25	Cost of Removal	Per Page 14 of 31, Line 5	(\$1,701,046)
26	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 24, & 25	<u><u>(\$2,724,002)</u></u>

20 Year MACRS Depreciation		
MACRS basis:		(\$180,958)
Fiscal Year		
2013	3.750%	(\$6,786)
2014	7.219%	(\$13,063)
2015	6.677%	(\$12,083)
2016	6.177%	(\$11,178)
2017	5.713%	(\$10,338)
2018	5.285%	(\$9,564)
2019	4.888%	(\$8,845)
2020	4.522%	(\$8,183)
2021	4.462%	(\$8,074)
2022	4.461%	(\$8,073)
2023	4.462%	(\$8,074)
2024	4.461%	(\$8,073)
2025	4.462%	(\$8,074)
2026	4.461%	(\$8,073)
2027	4.462%	(\$8,074)
2028	4.461%	(\$8,073)
2029	4.462%	(\$8,074)
2030	4.461%	(\$8,073)
2031	4.462%	(\$8,074)
2032	4.461%	(\$8,073)
2033	2.231%	(\$4,037)
100.000%		(\$180,958)

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

2/ Long period production assets qualifying for 100% bonus depreciation in FY 2013 totaled \$3.2

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Computation of Revenue Requirement on FY 2012 Actual Incremental Gas Capital Investment**

Line No.			Fiscal Year 2012 (a)	Cumulative FY13-FY17 (g)	Fiscal Year 2018 (h)	Fiscal Year 2019 (i)	Fiscal Year 2020 (j)
<u>Depreciable Net Capital Included in Rate Base</u>							
1	Total Allowed Capital Included in Rate Base in Current Year	Page 18 of 31, Line 3, Column (a)	\$6,721,626		\$0	\$0	\$0
2	Retirements	Page 18 of 31, Line 9, Column (a)	2,292,446		\$0	\$0	\$0
3	Net Depreciable Capital Included in Rate Base	Column (a) = Line 1 - Line 1a - Line 2; Column (b) through (h) =	\$4,429,180		\$4,429,180	\$4,429,180	\$4,429,180
<u>Change in Net Capital Included in Rate Base</u>							
4	Capital Included in Rate Base	Line 1	\$6,721,626		\$6,721,626	\$6,721,626	\$6,721,626
5	Cost of Removal	Page 18 of 31, Line 6, Column (a)	(\$3,180,470)		(\$3,180,470)	(\$3,180,470)	(\$3,180,470)
6	Net Plant Amount	Line 4 + Line 5	\$3,541,156	\$3,541,156	\$3,541,156	\$3,541,156	\$3,541,156
<u>Deferred Tax Calculation:</u>							
7	Composite Book Depreciation Rate	As Approved in R.I.P.U.C. Docket No. 3943	3.38%		3.38%	3.38%	3.38%
8	Tax Depreciation	Page 3	\$3,001,202		\$27,421	\$25,368	\$25,031
9	Cumulative Tax Depreciation	Prior Year Line 9 + Current Year Line 8	\$3,001,202	\$3,175,507	\$3,202,929	\$3,228,297	\$3,253,328
10	Book Depreciation	Column (a) = Line 3 * Line 7 * 50%; Columns (b)-(e) = Line 3 *	\$74,853		\$149,706	\$149,706	\$149,706
11	Cumulative Book Depreciation	Prior Year Line 11 + Current Year Line 10	\$74,853	\$823,385	\$973,091	\$1,122,797	\$1,272,503
12	Cumulative Book / Tax Timer	Line 9 - Line 11	\$2,926,349	\$2,352,123	\$2,229,838	\$2,105,500	\$1,980,825
13	Effective Tax Rate		35.00%	35.00%	21.00%	21.00%	21.00%
14	Deferred Tax Reserve	Line 12 * Line 13	\$1,024,222	\$823,243	\$468,266	\$442,155	\$415,973
15	Less: FY 2012 Federal NOL	Lesser of Line 14 or Page 23 of 31, Line 12	(\$1,024,222)	(\$823,243)	(\$468,266)	(\$442,155)	(\$415,973)
16	Proration Adjustment	Col (h) = Page 25b of 31, Line 40; Col (i) = Page 26b of 31, Line 40			\$0	\$0	\$0
17	Excess Deferred Taxes	Page 30, Line 3(e)			\$0	\$0	\$0
18	Net Deferred Tax Reserve	Sum of Lines 14 through 17	\$0	\$0	\$0	\$0	\$0
<u>Rate Base Calculation:</u>							
19	Cumulative Incremental Capital Included in Rate Base	Line 6	\$3,541,156	\$3,541,156	\$3,541,156	\$3,541,156	\$3,541,156
20	Accumulated Depreciation	- Line 11	(\$74,853)	(\$823,385)	(\$973,091)	(\$1,122,797)	(\$1,272,503)
21	Deferred Tax Reserve	- Line 18	\$0	\$0	\$0	\$0	\$0
22	Year End Rate Base	Sum of Lines 19 through 21	\$3,466,303	\$2,717,771	\$2,568,065	\$2,418,359	\$2,268,652
<u>Revenue Requirement Calculation:</u>							
23	Average ISR Rate Base	Column (a) = Current Yr Line 21 ÷ 2; Columns (b)-(e) = (Prior Yr	\$1,733,151		\$2,642,918	\$2,493,212	\$2,343,505
24	Pre-Tax ROR	Page 31, Line 29(e)	11.41%		9.73%	8.78%	8.78%
25	Return and Taxes	Line 23 * Line 24	\$197,753		\$257,156	\$218,904	\$205,760
26	Book Depreciation	Line 10	\$74,853		\$149,706	\$149,706	\$149,706
27	Property Taxes	\$0 in Year 1, then Prior Year (Line 6 - Line 11) * Property Tax	\$0		\$84,394	\$79,209	\$74,591
28	Annual Revenue Requirement	Sum of Lines 25 through 27	\$272,606		\$491,256	\$447,819	\$430,057
Remaining FY12 NOL attributable to embedded rate base in							
29	RIPUC Docket 4323	Per Page 23 of 31, Line 13 less Line 15	\$5,243,839		\$5,799,795	\$5,825,906	\$5,852,088
30	Average Rate Base	Col (a) = Line 29 * 50%; Col (b) through (g) = (Prior Year Line 29	\$2,621,920		\$5,622,307	\$5,812,851	\$5,838,997
31	Pre-Tax ROR	Page 31, Line 29(e)	11.41%		9.73%	8.78%	8.78%
32	Return and Taxes	Line 30 * Line 31	\$299,161		\$547,050	\$510,368	\$512,664
33	Annual Revenue Requirement adjustment to base rates related to NOL	Line 32	\$299,161		\$547,050	\$510,368	\$512,664
34	Total Annual Revenue Requirement	Line 28 + Line 33	\$571,767		\$1,038,307	\$958,187	\$942,721

1/ Actual Incremental Retirements

2/ Actual Incremental Cost of Removal

3/ FY 2018 effective property tax rate of 3.11% per Page 20 of 31 at Line 72(h)

4/ No proration or excessed deferred taxes due to NOL offset.

Column (g) - Summarizes previously submitted ISR filings

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Tax Depreciation and Repairs Deduction on FY 2012 Capital Investments**

Line No.			Fiscal Year <u>2012</u> (a)		
<u>Capital Repairs Deduction</u>					
1	Plant Additions	Per Page 16 of 31, Line 1	\$6,721,626	20 Year MACRS Depreciation MACRS basis: \$560,991 Fiscal Year	
2	Capital Repairs Deduction Rate	Per Tax Department	1/ 67.43%		
3	Capital Repairs Deduction	Line 1 * Line 2	<u>\$4,532,392</u>		
<u>Bonus Depreciation</u>					
4	Plant Additions	Line 1	\$6,721,626	2012	3.750% \$21,037
5	Less Capital Repairs Deduction	Line 3	<u>\$4,532,392</u>	2013	7.219% \$40,498
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$2,189,234	2014	6.677% \$37,457
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	2/ 85.00%	2015	6.177% \$34,652
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$1,860,849	2016	5.713% \$32,049
9	Bonus Depreciation Rate (April 2011 - December 2011)	1 * 75% * 100%	75.00%	2017	5.285% \$29,648
10	Bonus Depreciation Rate (January 2012 - March 2012)	1 * 25% * 50%	<u>12.50%</u>	2018	4.888% \$27,421
11	Total Bonus Depreciation Rate	Line 9 + Line 10	87.50%	2019	4.522% \$25,368
12	Bonus Depreciation	Line 8 * Line 11	<u>\$1,628,243</u>	2020	4.462% \$25,031
<u>Remaining Tax Depreciation</u>					
13	Plant Additions	Line 1	\$6,721,626	2021	4.461% \$25,026
14	Less Capital Repairs Deduction	Line 3	\$4,532,392	2022	4.462% \$25,031
15	Less Bonus Depreciation	Line 12	<u>\$1,628,243</u>	2023	4.461% \$25,026
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - 14 - 15	\$560,991	2024	4.462% \$25,031
17	20 YR MACRS Tax Depreciation Rates	Per IRS Pub. 946	<u>3.750%</u>	2025	4.461% \$25,026
18	Remaining Tax Depreciation	Line 16 * Line 17	<u>\$21,037</u>	2026	4.462% \$25,031
19	Cost of Removal	Per Page 16 of 31, Line 5	(\$3,180,470)	2027	4.461% \$25,026
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19	<u><u>\$3,001,202</u></u>	2028	4.462% \$25,031
				2029	4.461% \$25,026
				2030	4.462% \$25,031
				2031	4.461% \$25,026
				2032	2.231% \$12,516
				<u>100.000%</u>	<u>\$560,991</u>

1/ Capital Repairs percentage is based on the actual results of the FY 2012 tax return. Since growth is not included in the ISR, the percentage was derived by taking property qualifying for the repairs deduction as a percentage of the total annual plant additions in those categories that are considered as potentially qualifying for Capital Repairs

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

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
FY 2012 - FY 2014 Incremental Capital Investment Summary**

Line No.		Actual Fiscal Year 2012 (a)	Actual Fiscal Year 2013 (b)	Actual Fiscal Year 2014 (c)
<u>Capital Investment</u>				
1	ISR-eligible Capital Investment	\$ 54,477,445	\$56,416,101	\$70,137,361
	Col (a) Docket No. 4219 FY 2012 ISR Reconciliation Filing less audit adjustment of \$203,902; Col (b) Docket No. 4306 FY 2013 ISR Reconciliation Filing less audit adjustment of \$44,855; Col (c) Docket No. 4380 FY 2014 ISR Reconciliation Filing less audit adjustment of \$266,685			
1a	Work Order Write Off Adjustment	\$0	\$393,288	\$771,673
	Per Company's books			
1b	New Service Installation and Service Relocations, Growth (per Informal Request Division 1-2)	\$95,103	\$35,750	\$351,197
	Per Company's books			
2	ISR-eligible Capital Additions included in Rate Base per R.I.P.U.C. Docket No. 4323	\$47,660,716	\$57,184,191	\$47,653,493
	Docket No. 4323 Schedule MDL-3-Gas Page 51, Line Notes 1(a), 2(b) and 3(e)			
3	Incremental ISR Capital Investment	\$6,721,626	(\$1,197,129)	\$21,360,998
	Line 1 - Line 1a - Line 1b - Line 2			
<u>Cost of Removal</u>				
4	ISR-eligible Cost of Removal	\$2,583,612	\$3,152,565	\$2,707,824
	Col (a) Docket No. 4219 FY 2012 ISR Reconciliation Filing; Col (b) Docket No. 4306 FY 2013 ISR Reconciliation Filing; Col (c) Actual FY 2014 ISR Gas Cost of Removal per Company's Books			
4a	Work Order Write Off Adjustment	\$0	\$141,414	105,654.38
	Per Company's books			
4b	Growth (per Informal Request Division 1-2)	\$8,994	\$10,801	4,092.00
	Per Company's books			
5	ISR-eligible Cost of Removal in Rate Base per R.I.P.U.C. Docket No. 4323	\$5,755,088	\$4,701,396	\$3,917,830
	Docket No. 4323, Workpaper MDL-19-GAS, Page 3			
6	Incremental Cost of Removal	(\$3,180,470)	(\$1,701,046)	(\$1,319,752)
	Line 4 - Line 4a - Line 4b - Line 5			
<u>Retirements</u>				
7	ISR-eligible Retirements	\$5,366,562	5,775,791	\$5,274,944
	Col (a) Docket No. 4219 FY 2012 ISR Reconciliation filing; Col (b) Docket No. 4306 FY 2013 ISR Reconciliation filing; Col (c) Actual FY 2014 ISR Gas Retirements			
8	ISR-eligible Retirements per R.I.P.U.C. Docket No. 4323	\$3,074,116	\$2,498,949	\$3,659,788
	Col (a) Docket No. 4219 Supplemental Testimony 2-17-2011; Col (b) Docket No. 4306 FY 2013 ISR Proposal Filing; Col (c)= Line 2(c) * 7.68% Retirement rate per Docket No. 4323 (Workpaper MDL-19-GAS p 4)			
9	Incremental Retirements	\$2,292,446	\$3,276,842	\$1,615,155
	Line 7 - Line 8			

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Forecasted FY 2019 Property Tax Recovery Adjustment
(\$000s)**

Line	Effective Tax Rate Calculation	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
		<u>RY End</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY14</u>			
1	Plant In Service	\$805,721	\$11,502	\$994	\$12,496				As filed \$817,337			
2												
3	Accumulated Depr	\$347,664				\$4,691	(\$879)	(\$433)	\$351,043			
4												
5	Net Plant	\$458,057							\$466,294			
6												
7	Property Tax Expense	\$13,995							\$15,624			
8												
9	Effective Prop tax Rate	3.06%							3.35%			
10												
11		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
12		<u>End of FY14</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY15</u>			
13												
14	Plant In Service	\$817,569	\$74,505	\$22,014	\$96,519		(\$7,969)		\$906,119			
15												
16	Accumulated Depr	\$351,043				\$30,019	(\$7,969)	(\$2,164)	\$370,928			
17												
18	Net Plant	\$466,526							\$535,191			
19												
20	Property Tax Expense	\$15,624							\$16,221			
21												
22	Effective Prop tax Rate	3.35%							3.03%			
23												
24		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
25		<u>End of FY15</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY16</u>			
26												
27	Plant In Service	\$906,119	\$89,323	\$27,286	\$116,610		(\$3,178)		\$1,019,550			
28												
29	Accumulated Depr	\$370,928				\$33,433	(\$3,178)	(\$3,684)	\$397,499			
30												
31	Net Plant	\$535,191							\$622,052			
32												
33	Property Tax Expense	\$16,221							\$19,316			
34												
35	Effective Prop tax Rate	3.03%							3.11%			
36												
37												
38	Property Tax Recovery Calculation	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
39		<u>Cumulative Incremental ISR Property Tax for FY14</u>				<u>Cumulative Incremental ISR Property Tax for FY15</u>				<u>Cumulative Incremental ISR Property Tax for FY16</u>		
40												
41	ISR Additions		\$11,502				\$74,505				\$89,323	
42	Book Depreciation: base allowance on ISR eligible plant		(\$4,060)				(\$24,356)				(\$24,356)	
43	Book Depreciation: current year ISR additions		(\$631)				(\$1,165)				(\$1,456)	
44	COR		\$433				\$2,164				\$3,684	
45												
46	Net Plant Additions		\$7,244				\$51,148				\$67,195	
47												
48	Rate Year Effective Tax Rate		3.06%				3.06%				3.06%	
49	Property Tax Recovery on 2 mos FY14 vintage investment			\$221				\$229				\$218
50	Property Tax Recovery on FY15 vintage investment							\$1,563				\$1,494
51	Property Tax Recovery on FY16 vintage investment											\$2,053
52												
53	ISR Year Effective Tax Rate		3.35%				3.03%				3.11%	
54	RY Effective Tax Rate & differential		3.06%	0.29%			3.06%	-0.03%			3.06%	0.05%
55	RY Effective Tax Rate differential for 2 months FY 2014			0.05%								
56	RY Net Plant times Tax Rate differential	\$458,057	* 0.05%	\$225		\$458,057	* -0.03%	(\$116)		\$458,057	* 0.05%	\$229
57	2 mos FY14 Net Adds times ISR Year Effective Tax rate	\$7,244	* 0.29%	\$21		\$7,486	* -0.03%	(\$2)		\$7,127	* 0.05%	\$4
58	FY15 Net Adds times ISR Year Effective Tax rate					\$51,148	* -0.03%	(\$13)		\$48,899	* 0.05%	\$24
59	FY16 Net Adds times ISR Year Effective Tax rate									\$67,195	* 0.05%	\$34
60	Total Property Tax related to rate differential			\$246				(\$131)				\$290
61												
62	Total ISR Property Tax Recovery			\$468				\$1,661				\$4,055

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Forecasted FY 2019 Property Tax Recovery Adjustment (continued)
(\$000s)**

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<u>End of FY16</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY17</u>
63 Plant In Service	\$1,019,550	\$81,161	\$ 22,407	\$103,568		\$ 20,507		\$1,143,625
64 Accumulated Depr	\$397,499				\$37,446	\$20,507	(\$6,100)	\$449,352
65 Net Plant	\$622,052							\$694,273
66 Property Tax Expense	\$19,316							\$21,414
67 Effective Prop tax Rate	3.11%							3.08%

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<u>End of FY17</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY18</u>
68 Plant In Service	\$1,143,625	\$93,077	\$25,518	\$118,595		(\$3,286)		\$1,258,934
69 Accumulated Depr	\$449,352				\$41,492	(\$3,286)	(\$8,008)	\$479,550
70 Net Plant	\$694,273							\$779,384
71 Property Tax Expense	\$21,414							\$24,202
72 Effective Prop tax Rate	3.08%							3.11%

Property Tax Recovery Calculation

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	<u>Cumulative Incremental ISR Property Tax for FY17</u>				<u>Cumulative Incremental ISR Property Tax for FY18</u>		
73 ISR Additions		\$81,161				\$93,077	
74 Book Depreciation: base allowance on ISR eligible plant		(\$24,356)				(\$24,356)	
75 Book Depreciation: current year ISR additions		(\$1,215)				(\$1,517)	
76 COR		\$6,100				\$8,008	
77							
78 Net Plant Additions		\$61,691				\$75,211	
79							
80 Rate Year Effective Tax Rate		3.08%				3.06%	
81 Property Tax Recovery on 2 mos FY14 vintage investment			\$208				\$194
82 Property Tax Recovery on FY15 vintage investment			\$1,416				\$1,311
83 Property Tax Recovery on FY16 investment			\$1,954				\$1,819
84 Property Tax Recovery on FY17 investment			\$1,903				\$1,757
85 Property Tax Recovery on FY18 investment							\$2,298
86							
86 ISR Year Effective Tax Rate	3.08%				3.11%		
87 RY Effective Tax Rate & differential	3.06%	0.02%			3.06%	0.05%	
88 RY Net Plant times Tax Rate differential	\$458,057	* 0.02%	\$92		\$458,057	* 0.05%	\$229
89 2 mos FY14 Net Adds times ISR Year Effective Tax rate	\$6,735	* 0.02%	\$1		\$6,342	* 0.05%	\$3
90 FY15 Net Adds times ISR Year Effective Tax rate	\$45,906	* 0.02%	\$9		\$42,913	* 0.05%	\$21
91 FY16 Net Adds times ISR Year Effective Tax rate	\$63,361	* 0.02%	\$13		\$59,527	* 0.05%	\$30
92 FY17 Net Adds times ISR Year Effective Tax rate	\$61,691	* 0.02%	\$12		\$57,498	* 0.05%	\$29
93 FY18 Net Adds times ISR Year Effective Tax rate					\$75,211	* 0.05%	\$38
94 Total Property Tax related to rate differential			<u>\$127</u>				<u>\$350</u>
95							
96 Total ISR Property Tax Recovery			<u>\$5,608</u>				<u>\$7,728</u>

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Forecasted FY 2019 Property Tax Recovery Adjustment (continued)
(\$000s)**

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<u>End of FY18</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk Depr</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY19</u>
97 Plant In Service	\$1,258,934	\$100,772	\$2,800	\$103,572		(\$10,050)		\$1,352,456
98 Accumulated Depr	\$479,550				\$45,021	(\$10,050)	(\$5,440)	\$509,081
99 Net Plant	\$779,384							\$843,375
100 Property Tax Expense	\$24,202							\$26,013
101 Effective Prop tax Rate	3.11%							3.08%

Property Tax Recovery Calculation

	(a)	(b)	(c)
	<u>Cumulative Incremental ISR Property Tax for FY19</u>		
102 ISR Additions		\$100,772	
103 Book Depreciation: base allowance on ISR eligible plant		(\$24,356)	
104 Book Depreciation: current year ISR additions		(\$1,533)	
105 COR		<u>\$5,440</u>	
106			
107 Net Plant Additions		\$80,323	
108			
109 Rate Year Effective Tax Rate		3.06%	
110 Property Tax Recovery on 2 mos FY14 vintage investment			\$182
111 Property Tax Recovery on FY15 vintage investment			\$1,220
112 Property Tax Recovery on FY16 investment			\$1,702
113 Property Tax Recovery on FY17 investment			\$1,629
114 Property Tax Recovery on FY18 investment			\$2,179
115 Property Tax Recovery on FY19 investment			<u>\$2,454</u>
116			
116 ISR Year Effective Tax Rate	3.08%		
117 RY Effective Tax Rate & differential	3.06%	0.02%	
118 RY Net Plant times Tax Rate differential	\$458,057	* 0.02%	\$92
119 2 mos FY14 Net Adds times ISR Year Effective Tax rate	\$5,949	* 0.02%	\$1
120 FY15 Net Adds times ISR Year Effective Tax rate	\$39,920	* 0.02%	\$8
121 FY16 Net Adds times ISR Year Effective Tax rate	\$55,693	* 0.02%	\$11
122 FY17 Net Adds times ISR Year Effective Tax rate	\$53,304	* 0.02%	\$11
123 FY18 Net Adds times ISR Year Effective Tax rate	\$71,314	* 0.02%	\$14
124 FY19 Net Adds times ISR Year Effective Tax rate	\$80,323	* 0.02%	<u>\$16</u>
125 Total Property Tax related to rate differential			<u>\$153</u>
126			
127 Total ISR Property Tax Recovery			<u>\$9,517</u>

Updates Include Tax Act Change

The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas Infrastructure, Safety,
and Reliability Plan Proposal Filing
Section 3, Attachment 1-Supp2
Page 22 of 31

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Forecasted FY 2019 Property Tax Recovery Adjustment (continued)
(\$000s)**

Line Notes

1(a) - 9(a) Per Rate Year cost of service per Compliance filing Attachment 6 at Docket No. 4323.
1(b) - 9(h) Per Docket 4380 FY 2014 Gas ISR Plan Reconciliation filing at Page 10 of 13
14(a)-22(h) Per Docket 4474 FY 2015 Gas ISR Plan Reconciliation filing at Page 12 of 18
27(a)-35(h) Per Docket 4540 FY 2016 Gas ISR Plan Reconciliation filing at Page 14 of 19
41(a) - 62(c) Per Docket 4380 FY 2014 Gas ISR Plan Reconciliation filing at Page 10 of 13
41(e)-62(g) Per Docket 4474 FY 2015 Gas ISR Plan Reconciliation filing at Page 12 of 17
41(i)-62(k) Per Docket 4540 FY 2016 Gas ISR Plan Reconciliation filing at Page 14 of 19
63(a) - 67(h) Per Docket 4590 FY 2017 Gas ISR Plan Proposal Compliance filing at Page 16 of 20
68(a) Per Line 63(h)
68(b) Per Page 4 of 31, Line 1
68(c) FY 2018 forecasted Growth investment of \$24,218k and General Plant of \$1,300k.
68(d) Line 68(b) + Line 68(c)
68(f) Per Page 4 of 31, Line 2
68(h) Line 68(a) + Line 68(d) + Line 68(f)
69(a) Per Line 64(h)
69(e) Rate Year depn allowance of \$28,130k + (Line 1(d)+Line 1(f)* composite depn rate of 3.38%) + (Line 14(d)+Line 14(f)*3.38%) + (Line 27(d)+Line 27(f)* 3.38%)+(Line 63(d)+Line 63(f)*3.38%) + (Line 68(d)+Line 68(f)*3.38%*50%)
69(f) Line 68(f)
69(g) Per Page 4 of 31, Line 7
69(h) Line 69(a) + Line 69(c) + Line 69(f) + Line 69(g)
71(a) Line 66(h)
71(h) Line 70(h) * Line 72(h)
72(a) Line 67(h)
72(h) Line 35(h); effective tax rate per FY 2016 Gas ISR reconciliation filing
73(a) - 96(c) Per Docket 4590 FY 2017 Gas ISR Plan Proposal Compliance filing at Page 16 of 20
73(f) Line 68(b)
74(f) Per Page 4 of 31, Line 5
75(f) Per Page 4 of 31, Line 12
76(f) Per Line 69(g)
78(f) Sum of Lines 73 through 76
80(f) Line 9(a)
81(g) Line 80(f) * Line 89(e)
82(g) Line 80(f) * Line 90(e)
83(g) Line 80(f) * Line 91(e)
84(g) Line 80(f) * Line 92(e)
85 Line 78 * Line 80
86(e) Line 72(h)
87(e) Line 9(a)
87(f) Line 86(e) - Line 87(e)
88(e) Line 5(a)
89(e) Line 89(a) - ((Line 1(d)+Line 1(f))*3.38%)
90(e) Line 90(a) - ((Line 14(d)+Line 14(f))*3.38%)
91(e) Line 91(a) - ((Line 27(d)+Line 27(f))*3.38%)
92(e) Line 92(a) - ((Line 63(d)+Line 63(f))*3.38%)
93(e) Line 78(f)
88(f)-93(f) Line 87(f)
88(g)-93(g) Lines 88(e) through 93(e), Col (c) * Col (f)
94(g) Sum of Lines 88(g) through 93(g)
96(g) Sum of Lines 81(g) through 85(g) + Line 94(g)

Line Notes

97(a) Per Line 68(h)
97(b) Per Page 2 of 31, Line 1
97(c) FY 2019 forecasted Growth investment of \$500k and General Plant of \$1,300k.
97(d) Line 97(b) + Line 97(c)
97(f) Per Page 2 of 31, Line 2
97(h) Line 97(a) + Line 97(d) + Line 97(f)
98(a) Per Line 69(h)
98(e) Rate Year depn allowance of \$28,130k + (Line 1(d)+Line 1(f)* composite depn rate of 3.38%) + (Line 14(d)+Line 14(f)*3.38%) + (Line 27(d)+Line 27(f)* 3.38%)+(Line 63(d)+Line 63(f)*3.38%) + (Line 68(d)+Line 68(f)*3.38%)+(Line 97(d)+Line 97(f)*3.38%*50%)
98(f) Line 97(f)
98(g) Per Page 3 of 31, Line 20
98(h) Line 98(a) + Line 98(e) + Line 98(f) + Line 98(g)
100(a) Line 71(h)
100(h) Line 99(h) * Line 101(h)
101(a) Line 72(h)
101(h) Line 67(h)
102(b) Line 97(b)
103(b) Per Page 2 of 31, Line 5
104(b) Per Page 2 of 31, Line 12
105(b) Per Line 98(g)
107(b) Sum of Lines 102(b) through 105(b)
109(b) Line 9(a)
110(c) Line 109(b) * Line 119(a)
111(c) Line 109(b) * Line 120(a)
112(c) Line 109(b) * Line 121(a)
113(c) Line 109(b) * Line 122(a)
114(c) Line 109(b) * Line 123(a)
115(c) Line 109(b) * Line 107(b)
116(a) Line 101(h)
117(a) Line 9(a)
118(a) Line 5(a)
119(a) Line 89(e) - ((Line 1(d)+Line 1(f))*3.38%)
120(a) Line 90(e) - ((Line 14(d)+Line 14(f))*3.38%)
121(a) Line 91(e) - ((Line 27(d)+Line 27(f))*3.38%)
122(a) Line 92(e) - ((Line 63(d)+Line 63(f))*3.38%)
123(a) Line 93(e) - ((Line 68(d)+Line 68(f))*3.38%)
124(a) Line 107(b)
117(b)-124(b) Line 116(a) - Line 117(a)
118(c)-124(c) Colum (a) * Column (b)
125(c) Sum of Lines 118(c) through 124(c)
127(c) Line 125(c) plus sum of lines 110(c) through 115(c)

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Deferred Income Tax ("DIT") Provisions and Net Operating Losses ("NOL")**

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) CY 2011	(i) CY 2012	(j) Jan-2013	(k) Feb 13 - Jan 14	(l)	(m)	(n)	(o)
1 Total Base Rate Plant DIT Provision								\$ 16,572,023	\$ 19,058,494	\$ 1,700,343	\$ 13,893,167				
2 Total Base Rate Plant DIT Provision	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3 Incremental FY 12	\$1,121,846	\$1,080,717	\$1,038,476	\$906,443	\$865,263	\$823,243	\$468,266	\$17,193,641	\$18,309,741	\$11,577,639	\$0	\$0	\$0	\$0	\$0
4 Incremental FY 13	\$0	(\$734,732)	(\$690,174)	(\$829,884)	(\$780,869)	(\$731,561)	(\$409,188)	\$0	(\$41,129)	(\$42,241)	(\$132,033)	(\$41,180)	(\$42,020)	(\$354,977)	(\$468,266)
5 Incremental FY 14	\$0	\$0	\$6,444,262	\$5,821,675	\$5,651,257	\$5,476,107	\$3,177,941	\$0	\$0	\$44,558	(\$139,710)	\$49,015	\$49,309	\$322,372	\$409,188
6 FY 2015	\$0	\$0	\$0	\$23,687,481	\$23,214,645	\$22,716,080	\$13,316,267	\$0	\$0	\$0	\$0	\$23,687,481	\$0	\$0	(\$13,316,267)
7 FY 2016	\$0	\$0	\$0	\$0	\$28,518,812	\$27,774,974	\$16,206,281	\$0	\$0	\$0	\$0	\$28,518,812	(\$743,838)	(\$11,568,693)	(\$16,206,281)
8 FY 2017	\$0	\$0	\$0	\$0	\$0	\$25,754,088	\$15,123,509	\$0	\$0	\$0	\$0	\$0	\$25,754,088	(\$10,630,579)	(\$15,123,509)
9 FY 2018	\$0	\$0	\$0	\$0	\$0	\$0	\$16,571,115	\$0	\$0	\$0	\$0	\$0	\$0	\$16,571,115	(\$16,571,115)
10 FY 2019	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,077,559)	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,077,559)	\$16,077,559
11 TOTAL Plant DIT Provision	\$ 1,121,846	\$ 345,985	\$ 6,792,564	\$ 29,585,715	\$ 57,469,108	\$ 81,812,932	\$ 48,376,632	\$ 18,315,487	\$ 17,533,880	\$ 18,024,218	\$ 22,793,151	\$ 27,883,393	\$ 24,343,824	\$ (33,436,300)	\$ (48,376,632)
12 NOL								\$ 6,268,061	\$ 6,136,520	\$ 23,775,494	\$ 19,205,538	\$ 11,594,940	\$ -	\$ -	\$ -
13 Lesser of NOL or DIT Provision								\$ 6,268,061	\$ 6,136,520	\$ 18,024,218	\$ 19,205,538	\$ 11,594,940	\$ -	\$ -	\$ -

Line Notes:

- 1(h) Per Dkt 4323 Compliance filing Attachment 6, Page 59 of 65, Line 18(e) less Line 18(a)
- 1(i)-1(k) Per Dkt 4323 Compliance filing Attachment 6, Page 64 of 65, Lines 32, 38, and 44
- 2 **Col (h)** = Line 1(f) * 75% + Line 1(g) * 25%; **Col (i)** = Line 1(g) * 75% + Line 1(h) + Line 1(i) * 2/12ths; **Col (j)** = Line 1(i) * 10/12ths
- 3(a)-7(g) Cumulative DIT per vintage year ISR revenue requirement calculations (Page 10, Line 14; Page 8, Line 14; Page 6, Line 16; Page 4, Line 16 ; Page 2, Line 16)
- 3(h) -7(n) Year over year change in cumulative DIT shown in Cols (a) through (g)
 - 11 Sum of Lines 2 through 9
 - 12 Per Tax dept
 - 13 Lesser of Line 10 or Line 11

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
True-Up for FY 2012 through FY 2016 Net Operating Losses ("NOL")**

	(a)	(b)	(c)		(d)	(e)	(f)	(g)	(h)
	FY 2012	FY 2013	Revenue Requirement Year		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
1 Return on Rate Base	11.41%	11.18%	10.05%		10.05%	10.05%	10.05%	9.73%	8.78%
			Vintage Capital Investment Year						
2 Lesser of NOL or DIT Provision	\$ 6,268,061	\$ 6,136,520	\$ 18,024,218	\$ 19,205,538	\$ 11,594,940	\$ -	\$ -	\$ -	\$ -

	Vintage Capital Investment Year		Revenue Requirement Year						
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
3 FY 2012	\$ 357,593	\$ 700,769	\$ 629,940	\$ 629,940	\$ 629,940	\$ 629,940	\$ 609,882	\$ 550,336	
4 FY 2013	\$ -	\$ 343,031	\$ 616,720	\$ 616,720	\$ 616,720	\$ 616,720	\$ 597,083	\$ 538,786	
5 FY 2014	\$ -	\$ -	\$ 882,298	\$ 1,811,434	\$ 1,811,434	\$ 1,811,434	\$ 1,753,756	\$ 1,582,526	
6 FY 2015	\$ -	\$ -	\$ -	\$ 965,078	\$ 1,930,157	\$ 1,930,157	\$ 1,868,699	\$ 1,686,246	
7 FY 2016	\$ -	\$ -	\$ -	\$ -	\$ 582,646	\$ 1,165,291	\$ 1,128,188	\$ 1,018,036	
8 FY 2017	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
9 FY 2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10 FY 2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
11 TOTAL	\$ 357,593	\$ 1,043,801	\$ 2,128,958	\$ 4,023,173	\$ 5,570,897	\$ 6,153,542	\$ 5,957,609	\$ 5,375,931	

Line Notes:

- 1 **Col (a)** - per Docket 4219, Attachment WRR-1 at Page 2; **Col (b)** - per Docket 4306, Attachment WRR-1 at Page 2;
- 2 **Col (c) through (g)** - Weighted Average Cost of Capital per Settlement Agreement RIPUC Docket No. 4323
- 3 Per Page 23 of 31, Line 13
- 4 **Col (a)** = Line 2(a) * Line 1(a) * 50%; **Col (b)** = Line 2(a) * Line 1(b); **Col (c)** = Line 2(a) * Line 1(c); **Col (d)** = Line 2(a) * Line 1(d); **Col (e)** = Line 2(a) * Line 1(e); **Col (f)** = Line 1(f) * Line 2(c); **Col (g)** = Line 1(g) * 2(c)
- 5 **Col (a)** = Line 2(b) * Line 1(b) * 50%; **Col (b)** = Line 2(b) * Line 1(c); **Col (c)** = Line 2(b) * Line 1(d); **Col (d)** = Line 2(b) * Line 1(e); **Col (f)** = Line 1(f) * Line 2(b); **Col (g)** = Line 1(g) * Line 2(b)
- 6 **Col (c)** =

a) NOL applied to FY 2014 ISR DIT	\$ 6,444,262	Page 23 of 31 Line 2(j)
b) FY 2014 ISR weighted average additions rate	31.41%	Page 28 of 31 Line 16
c) FY 2014 ISR weighted average NOL	\$ 2,024,108	Line (a) * Line (b)
d) FY 2014 Rate of Return	10.05%	Line 1(c) above
e) FY 2014 Return on weighted average ISR NOL	\$ 203,423	Line (c) * Line (d)
- 7 f) NOL applied to base rate deferred tax provision
- 8 g) FY 2014 weighted average base rate DIT rate
- 9 h) FY 2014 base rate weighted average NOL
- 10 i) FY 2014 Rate of Return
- 11 j) FY 2014 Return on weighted average base rate NOL
- k) Total FY 2014 NOL impact on vintage FY 2014 investment

- 5 cont. **Col (d)** = Line 2(c) * Line 1(d); **Col (e)** = Line 2(c) * Line 1(e); **Col (f)** = Line 1(f) * Line 2(c); **Col (g)** = Line 1(g) * 2(c)
- 6 **Col (d)** = Line 1(d) * Line 2(d) * 50%; **Col (e)** = Line 1(d) * Line 2(d); **Col (f)** = Line 1(f) * Line 2(d); **Col (g)** = Line 1(g) * 2(d)
- 7 **Col (e)** = Line 1(e) * Line 2(e) * 50%; **Col (f)** = Line 1(f) * Line 2(e); **Col (g)** = Line 1(g) * Line 2(e)
- 8 **Col (f)** = Line 1(f) * Line 2(f) * 50%; **Col (g)** = Line 1(g) * Line 2(f)
- 9 **Col (g)** = Line 1(g) * Line 2(g) * 50%
- 11 Sum of Lines 3 through 9

Updates Include Tax Act Change

The Narragansett Electric Company
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
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 RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 1	\$10,032,984	\$1,519,105	\$2,581,784	\$2,916,853
2	Bonus Depreciation RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 2	(\$13,764,576)	(\$13,764,576)	\$0	\$0
3	Remaining MACRS Tax Depreciation RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 3	(\$3,366,917)	(\$570,505)	(\$890,237)	(\$892,846)
4	FY18 tax (gain)/loss on retirements RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 4	(\$238,628)	(\$238,628)	\$0	\$0
5	Cumulative Book / Tax Timer Sum of Lines 1 through 4	(\$7,337,137)	(\$13,054,604)	\$1,691,547	\$2,024,007
6	Effective Tax Rate 35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve Line 5 * Line 6	(\$2,567,998)	(\$4,569,111)	\$592,041	\$708,402
Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 8	(\$64,198,946)	(\$64,198,946)		
9	Cost of Removal RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 9	(\$8,008,000)	(\$8,008,000)		
10	Book/Tax Depreciation Timing Difference at 3/31/2017 \$0	\$0	\$0		
11	Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10	(\$72,206,946)	(\$72,206,946)		
12	Effective Tax Rate 35.00%	35.00%	35.00%		
13	Deferred Tax Reserve Line 11 * Line 12	(\$25,272,431)	(\$25,272,431)		
14	Total Deferred Tax Reserve Line 7 + Line 13	(\$27,840,429)	(\$29,841,543)	\$592,041	\$708,402
15	Net Operating Loss RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 15	\$0	\$0		
16	Net Deferred Tax Reserve Line 14 + Line 15	(\$27,840,429)	(\$29,841,543)	\$592,041	\$708,402
Allocation of FY 2018 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration Col (b) = Line 5	(\$13,054,604)	(\$13,054,604)		
18	Cumulative Book/Tax Timer Not Subject to Proration Line 11	(\$72,206,946)	(\$72,206,946)		
19	Total Cumulative Book/Tax Timer Line 17 + Line 18	(\$85,261,550)	(\$85,261,550)		
20	Total FY 2018 Federal NOL RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 20	\$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%	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	(\$2,567,998)	(\$4,569,111)	\$592,041	\$708,402
(i) (j)					
Proration Calculation					
		<u>Number of Days in</u>		(k)= Sum of (l) through (r)	
		<u>Month</u>	<u>Proration Percentage</u>	(l)	(m)
26	April 2017	30	91.78%	(\$196,411)	\$45,282
27	May 2017	31	83.29%	(\$178,235)	\$41,091
28	June 2017	30	75.07%	(\$160,646)	\$37,036
29	July 2017	31	66.58%	(\$142,471)	\$32,846
30	August 2017	31	58.08%	(\$124,296)	\$28,656
31	September 2017	30	49.86%	(\$106,707)	\$24,601
32	October 2017	31	41.37%	(\$88,531)	\$20,411
33	November 2017	30	33.15%	(\$70,942)	\$16,355
34	December 2017	31	24.66%	(\$52,767)	\$12,165
35	January 2018	31	16.16%	(\$34,592)	\$7,975
36	February 2018	28	8.49%	(\$18,175)	\$4,190
37	March 2018	31	0.00%	\$0	\$0
38	Total	365		(\$1,173,774)	\$270,609
39	Deferred Tax Without Proration Line 25			(\$4,569,111)	\$592,041
40	Proration Adjustment Line 38 - Line 39			\$1,394,224	(\$321,433)

Column Notes:

(j) Sum of remaining days in the year (Col (i)) divided by 365
(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

The Narragansett Electric Company
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FY 2019 Gas Infrastructure, Safety,
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of FY 2018 Net Deferred Tax Reserve Proration**

Line No.	Deferred Tax Subject to Proration		(a)=Sum of (b)	(e)	(f)	(g)	(h)
			through (h)	Vintage Year 2015	Vintage Year 2014	Vintage Year 2013	Vintage Year 2012
			Total				
1	Book Depreciation	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 1	\$10,032,984	\$2,333,053	\$679,280	(\$150,012)	\$152,921
2	Bonus Depreciation	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 2	(\$13,764,576)	\$0	\$0	\$0	\$0
3	Remaining MACRS Tax Depreciation	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 3	(\$3,366,917)	(\$837,819)	(\$156,979)	\$9,278	(\$27,809)
4	FY18 tax (gain)/loss on retirements	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 4	(\$238,628)	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$7,337,137)	\$1,495,234	\$522,301	(\$140,734)	\$125,112
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$2,567,998)	\$523,332	\$182,805	(\$49,257)	\$43,789
Deferred Tax Not Subject to Proration							
8	Capital Repairs Deduction	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 8	(\$64,198,946)				
9	Cost of Removal	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 9	(\$8,008,000)				
10	Book/Tax Depreciation Timing Difference at 3/31/2017		\$0				
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$72,206,946)				
12	Effective Tax Rate		35.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	(\$25,272,431)				
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$27,840,429)	\$523,332	\$182,805	(\$49,257)	\$43,789
15	Net Operating Loss	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 15	\$0				
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$27,840,429)	\$523,332	\$182,805	(\$49,257)	\$43,789
Allocation of FY 2018 Estimated Federal NOL							
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$13,054,604)				
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$72,206,946)				
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$85,261,550)				
20	Total FY 2018 Federal NOL	RIPUC Docket No. 4678 (FY 2018 Plan), Page 22 of 25, Line 20	\$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	(\$2,567,998)	\$523,332	\$182,805	(\$49,257)	\$43,789
(i) (j)							
Proration Calculation			(k)= Sum of (l)	(o)	(p)	(q)	(r)
		<u>Number of Days in</u>	through (r)				
	<u>Month</u>	<u>Proration Percentage</u>					
26	April 2017	30 91.78%	(\$196,411)	\$40,027	\$13,982	(\$3,767)	\$3,349
27	May 2017	31 83.29%	(\$178,235)	\$36,323	\$12,688	(\$3,419)	\$3,039
28	June 2017	30 75.07%	(\$160,646)	\$32,738	\$11,436	(\$3,081)	\$2,739
29	July 2017	31 66.58%	(\$142,471)	\$29,034	\$10,142	(\$2,733)	\$2,429
30	August 2017	31 58.08%	(\$124,296)	\$25,330	\$8,848	(\$2,384)	\$2,119
31	September 2017	30 49.86%	(\$106,707)	\$21,746	\$7,596	(\$2,047)	\$1,820
32	October 2017	31 41.37%	(\$88,531)	\$18,042	\$6,302	(\$1,698)	\$1,510
33	November 2017	30 33.15%	(\$70,942)	\$14,457	\$5,050	(\$1,361)	\$1,210
34	December 2017	31 24.66%	(\$52,767)	\$10,753	\$3,756	(\$1,012)	\$900
35	January 2018	31 16.16%	(\$34,592)	\$7,049	\$2,462	(\$664)	\$590
36	February 2018	28 8.49%	(\$18,175)	\$3,704	\$1,294	(\$349)	\$310
37	March 2018	31 0.00%	\$0	\$0	\$0	\$0	\$0
38	Total	365	(\$1,173,774)	\$239,203	\$83,556	(\$22,514)	\$20,015
39	Deferred Tax Without Proration	Line 25	(\$2,567,998)	\$523,332	\$182,805	(\$49,257)	\$43,789
40	Proration Adjustment	Line 38 - Line 39	\$1,394,224	(\$284,129)	(\$99,249)	\$26,743	(\$23,774)

Column Notes:

(j) Sum of remaining days in the year (Col (i) divided by 365

(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

**The Narragansett Electric Company
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FY 2019 Gas Infrastructure, Safety,
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of FY 2019 Net Deferred Tax Reserve Proration**

Line No.	Description	Reference	(a)=Sum of (b) through (i)	(b) Vintage Year 2019	(c) Vintage Year 2018	(d) Vintage Year 2017	(e) Vintage Year 2016	
			Total					
Deferred Tax Subject to Proration								
	Book Depreciation	Col (b) = Page 4 of 31, Line 12; Col (c) = Page 6 of 31, Line 12; Col (d) = Page 8 of 31, Line 12; Col (e) = Page 10 of 31, Line 12; Col (f) = Page 12 of 31, Line 12; Col (g) = Page 14 of 31, Line 10; Col (h) = Page 16 of 31, Line 10						
1			\$12,904,972	\$1,533,196	\$3,034,949	\$2,429,077	\$2,911,746	
2	Bonus Depreciation		\$0	\$0	\$0	\$0	\$0	
	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 31, Line 18; Col (c) = Page 6 of 31, Line 10; Col (d) = Page 8 of 31, Line 10; Col (e) = Page 10 of 31, Line 10; Col (f) = Page 12 of 31, Line 10; Col (g) = Page 14 of 31, Line 8; Col (h) = Page 16 of 31, Line 8						
3			(\$6,046,443)	(\$2,074,026)	(\$1,567,260)	(\$797,909)	(\$672,971)	
4	FY19 tax (gain)/loss on retirements		(\$238,628)	(\$238,628)	\$0	\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$6,619,901	(\$779,458)	\$1,467,688	\$1,631,168	\$2,238,775	
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%	
7	Deferred Tax Reserve	Line 5 * Line 6	\$2,316,965	(\$272,810)	\$513,691	\$570,909	\$783,571	
Deferred Tax Not Subject to Proration								
8	Capital Repairs Deduction		(\$72,041,903)	(\$72,041,903)				
9	Cost of Removal		(\$5,440,400)	(\$5,440,400)				
10	Book/Tax Depreciation Timing Difference at 3/31/2017		\$0	\$0				
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$77,482,303)	(\$77,482,303)				
12	Effective Tax Rate		21.00%	21.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	(\$16,271,284)	(\$16,271,284)				
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$13,954,318)	(\$16,544,094)	\$513,691	\$570,909	\$783,571	
15	Net Operating Loss		\$0	\$0				
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$13,954,318)	(\$16,544,094)	\$513,691	\$570,909	\$783,571	
Allocation of FY 2018 Estimated Federal NOL								
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$688,231	(\$779,458)	\$1,467,688			
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$77,482,303)	(\$77,482,303)	\$0			
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$76,794,072)	(\$78,261,761)	\$1,467,688			
20	Total FY 2018 Federal NOL		\$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		21.00%	21.00%				
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	\$2,316,965	(\$272,810)	\$513,691	\$570,909	\$783,571	
Proration Calculation								
		(j) Number of Days in Month	(k) Proration Percentage	(l)= Sum of (m) through (t)	(m)	(n)	(o)	(p)
26	April 2017	30	91.78%	\$177,211	(\$20,866)	\$39,289	\$43,665	\$59,931
27	May 2017	31	83.29%	\$160,812	(\$18,935)	\$35,653	\$39,625	\$54,385
28	June 2017	30	75.07%	\$144,943	(\$17,066)	\$32,135	\$35,714	\$49,018
29	July 2017	31	66.58%	\$128,544	(\$15,135)	\$28,499	\$31,674	\$43,472
30	August 2017	31	58.08%	\$112,145	(\$13,205)	\$24,864	\$27,633	\$37,926
31	September 2017	30	49.86%	\$96,276	(\$11,336)	\$21,345	\$23,723	\$32,559
32	October 2017	31	41.37%	\$79,877	(\$9,405)	\$17,709	\$19,682	\$27,014
33	November 2017	30	33.15%	\$64,007	(\$7,537)	\$14,191	\$15,772	\$21,647
34	December 2017	31	24.66%	\$47,609	(\$5,606)	\$10,555	\$11,731	\$16,101
35	January 2018	31	16.16%	\$31,210	(\$3,675)	\$6,920	\$7,690	\$10,555
36	February 2018	28	8.49%	\$16,399	(\$1,931)	\$3,636	\$4,041	\$5,546
37	March 2018	31	0.00%	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$1,059,033	(\$124,695)	\$234,797	\$260,950	\$358,153
39	Deferred Tax Without Proration	Line 25		\$2,316,965	(\$272,810)	\$513,691	\$570,909	\$783,571
40	Proration Adjustment	Line 38 - Line 39		(\$1,257,932)	\$148,115	(\$278,894)	(\$309,959)	(\$425,418)

Column Notes:

(j) Sum of remaining days in the year (Col (i)) divided by 365
(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

**The Narragansett Electric Company
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FY 2019 Gas Infrastructure, Safety,
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of FY 2019 Net Deferred Tax Reserve Proration**

Line No.			(a)=Sum of (b)	(f)	(g)	(h)	(i)	
			through (i)	Vintage Year	Vintage Year	Vintage Year	Vintage Year	
			Total	2015	2014	2013	2012	
Deferred Tax Subject to Proration								
	Book Depreciation	Col (b) = Page 4 of 31, Line 12; Col (c) = Page 6 of 31, Line 12; Col (d) = Page 8 of 31, Line 12; Col (e) = Page 10 of 31, Line 12; Col (f) = Page 12 of 31, Line 12; Col (g) = Page 14 of 31, Line 10; Col (h) = Page 16 of 31, Line 10	\$12,904,972	\$2,330,109	\$667,409	(\$151,220)	\$149,706	
1								
2	Bonus Depreciation		\$0	\$0	\$0	\$0	\$0	
	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 31, Line 18; Col (c) = Page 6 of 31, Line 10; Col (d) = Page 8 of 31, Line 10; Col (e) = Page 10 of 31, Line 10; Col (f) = Page 12 of 31, Line 10; Col (g) = Page 14 of 31, Line 8; Col (h) = Page 16 of 31, Line 8	(\$6,046,443)	(\$774,884)	(\$142,869)	\$8,845	(\$25,368)	
3								
4	FY19 tax (gain)/loss on retirements		(\$238,628)	\$0	\$0	\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$6,619,901	\$1,555,224	\$524,540	(\$142,375)	\$124,338	
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%	
7	Deferred Tax Reserve	Line 5 * Line 6	\$2,316,965	\$544,328	\$183,589	(\$49,831)	\$43,518	
Deferred Tax Not Subject to Proration								
8	Capital Repairs Deduction		(\$72,041,903)					
9	Cost of Removal		(\$5,440,400)					
10	Book/Tax Depreciation Timing Difference at 3/31/2017		\$0					
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$77,482,303)					
12	Effective Tax Rate		21.00%					
13	Deferred Tax Reserve	Line 11 * Line 12	(\$16,271,284)					
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$13,954,318)	\$544,328	\$183,589	(\$49,831)	\$43,518	
15	Net Operating Loss		\$0					
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$13,954,318)	\$544,328	\$183,589	(\$49,831)	\$43,518	
Allocation of FY 2018 Estimated Federal NOL								
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$688,231					
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$77,482,303)					
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$76,794,072)					
20	Total FY 2018 Federal NOL		\$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		21.00%					
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0					
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	\$2,316,965	\$544,328	\$183,589	(\$49,831)	\$43,518	
Proration Calculation								
		(j) Number of Days in Month	(k) Proration Percentage	(l)= Sum of (m) through (t)	(q)	(r)	(s)	(t)
26	April 2017	30	91.78%	\$177,211	\$41,632	\$14,042	(\$3,811)	\$3,328
27	May 2017	31	83.29%	\$160,812	\$37,780	\$12,742	(\$3,459)	\$3,020
28	June 2017	30	75.07%	\$144,943	\$34,052	\$11,485	(\$3,117)	\$2,722
29	July 2017	31	66.58%	\$128,544	\$30,199	\$10,185	(\$2,765)	\$2,414
30	August 2017	31	58.08%	\$112,145	\$26,346	\$8,886	(\$2,412)	\$2,106
31	September 2017	30	49.86%	\$96,276	\$22,618	\$7,629	(\$2,071)	\$1,808
32	October 2017	31	41.37%	\$79,877	\$18,766	\$6,329	(\$1,718)	\$1,500
33	November 2017	30	33.15%	\$64,007	\$15,037	\$5,072	(\$1,377)	\$1,202
34	December 2017	31	24.66%	\$47,609	\$11,185	\$3,772	(\$1,024)	\$894
35	January 2018	31	16.16%	\$31,210	\$7,332	\$2,473	(\$671)	\$586
36	February 2018	28	8.49%	\$16,399	\$3,853	\$1,299	(\$353)	\$308
37	March 2018	31	0.00%	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$1,059,033	\$248,800	\$83,914	(\$22,777)	\$19,891
39	Deferred Tax Without Proration	Line 25		\$2,316,965	\$544,328	\$183,589	(\$49,831)	\$43,518
40	Proration Adjustment	Line 38 - Line 39		(\$1,257,932)	(\$295,528)	(\$99,675)	\$27,054	(\$23,627)

Column Notes:

(j) Sum of remaining days in the year (Col (i)) divided by 365
(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

The Narragansett Electric Company
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of FY 2020 Net Deferred Tax Reserve Proration**

Line No.			(a)=Sum of (b)	(b)	(c)	(d)	(e)
			through (h)	Vintage Year 2019	Vintage Year 2018	Vintage Year 2017	Vintage Year 2016
	Deferred Tax Subject to Proration		<u>Total</u>				
		Col (b) = Page 4 of 31, Line 12; Col (c) = Page 6 of 31, Line 12; Col (d) = Page 8 of 31, Line 12; Col (e) = Page 10 of 31, Line 12; Col (f) = Page 12 of 31, Line 12; Col (g) = Page 14 of 31, Line 10; Col (h) = Page 16 of 31, Line 10					
1	Book Depreciation		\$14,438,168	\$3,066,392	\$3,034,949	\$2,429,077	\$2,911,746
2	Bonus Depreciation		\$0	\$0	\$0	\$0	\$0
		Col (b) = Page 5 of 31, Line 18; Col (c) = Page 6 of 31, Line 10; Col (d) = Page 8 of 31, Line 10; Col (e) = Page 10 of 31, Line 10; Col (f) = Page 12 of 31, Line 10; Col (g) = Page 14 of 31, Line 8; Col (h) = Page 16 of 31, Line 8					
3	Remaining MACRS Tax Depreciation		(\$5,750,013)	(\$2,074,026)	(\$1,449,591)	(\$738,159)	(\$622,419)
4	FY19 tax (gain)/loss on retirements		\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$8,688,156	\$992,367	\$1,585,358	\$1,690,919	\$2,289,327
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	\$3,040,854	\$347,328	\$554,875	\$591,822	\$801,264
	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 3/31/2017		\$0	\$0			
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	\$0	\$0			
12	Effective Tax Rate		21.00%	21.00%			
13	Deferred Tax Reserve	Line 11 * Line 12	\$0	\$0			
14	Total Deferred Tax Reserve	Line 7 + Line 13	\$3,040,854	\$347,328	\$554,875	\$591,822	\$801,264
15	Net Operating Loss		\$0	\$0	\$0		
16	Net Deferred Tax Reserve	Line 14 + Line 15	\$3,040,854	\$347,328	\$554,875	\$591,822	\$801,264
	Allocation of FY 2018 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$2,577,724	\$992,367	\$1,585,358		
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	\$0	\$0	\$0		
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	\$2,577,724	\$992,367	\$1,585,358		
20	Total FY 2018 Federal NOL		\$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		21.00%	21.00%			
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	\$3,040,854	\$347,328	\$554,875	\$591,822	\$801,264
	Proration Calculation	(j) Number of Days in Month (k) Proration Percentage	(l)= Sum of (m) through (s)	(m)	(n)	(o)	
26	April 2017	30 91.78%	\$206,012	\$42,439	\$42,439	\$45,265	\$61,284
27	May 2017	31 83.29%	\$186,948	\$38,512	\$38,512	\$41,076	\$55,613
28	June 2017	30 75.07%	\$168,499	\$34,711	\$34,711	\$37,023	\$50,125
29	July 2017	31 66.58%	\$149,435	\$30,784	\$30,784	\$32,834	\$44,454
30	August 2017	31 58.08%	\$130,372	\$26,857	\$26,857	\$28,645	\$38,783
31	September 2017	30 49.86%	\$111,923	\$23,056	\$23,056	\$24,592	\$33,295
32	October 2017	31 41.37%	\$92,859	\$19,129	\$19,129	\$20,403	\$27,623
33	November 2017	30 33.15%	\$74,410	\$15,329	\$15,329	\$16,349	\$22,135
34	December 2017	31 24.66%	\$55,346	\$11,402	\$11,402	\$12,161	\$16,464
35	January 2018	31 16.16%	\$36,283	\$7,474	\$7,474	\$7,972	\$10,793
36	February 2018	28 8.49%	\$19,064	\$3,927	\$3,927	\$4,189	\$5,671
37	March 2018	31 0.00%	\$0	\$0	\$0	\$0	\$0
38	Total	365	\$1,231,151	\$253,621	\$253,621	\$270,508	\$366,240
39	Deferred Tax Without Proration	Line 25	\$2,693,526	\$347,328	\$554,875	\$591,822	\$801,264
40	Proration Adjustment	Line 38 - Line 39	(\$1,462,376)	(\$93,707)	(\$301,254)	(\$321,313)	(\$435,024)

Column Notes:
(j) Sum of remaining days in the year (Col (i)) divided by 365
(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

The Narragansett Electric Company
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FY 2019 Gas Infrastructure, Safety,
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of FY 2020 Net Deferred Tax Reserve Proration**

Line No.			(a)=Sum of (b) through (h)	(b)	(f)	(g)	(h)	(i)
			Total	Vintage Year 2019	Vintage Year 2015	Vintage Year 2014	Vintage Year 2013	Vintage Year 2012
	Deferred Tax Subject to Proration							
	Book Depreciation	Col (b) = Page 4 of 31, Line 12; Col (c) = Page 6 of 31, Line 12; Col (d) = Page 8 of 31, Line 12; Col (e) = Page 10 of 31, Line 12; Col (f) = Page 12 of 31, Line 12; Col (g) = Page 14 of 31, Line 10; Col (h) = Page 16 of 31, Line 10						
1			\$14,438,168	\$3,066,392	\$2,330,109	\$667,409	(\$151,220)	\$149,706
2	Bonus Depreciation		\$0	\$0	\$0	\$0	\$0	\$0
	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 31, Line 18; Col (c) = Page 6 of 31, Line 10; Col (d) = Page 8 of 31, Line 10; Col (e) = Page 10 of 31, Line 10; Col (f) = Page 12 of 31, Line 10; Col (g) = Page 14 of 31, Line 8; Col (h) = Page 16 of 31, Line 8	(\$5,750,013)	(\$2,074,026)	(\$716,832)	(\$132,137)	\$8,183	(\$25,031)
3			\$0	\$0	\$0	\$0	\$0	\$0
4	FY 19 tax (gain)/loss on retirements		\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$8,688,156	\$992,367	\$1,613,276	\$535,272	(\$143,037)	\$124,675
6	Effective Tax Rate		35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
7	Deferred Tax Reserve	Line 5 * Line 6	\$3,040,854	\$347,328	\$564,647	\$187,345	(\$50,063)	\$43,636
	Deferred Tax Not Subject to Proration							
8	Capital Repairs Deduction		\$0	\$0	\$0	\$0	\$0	\$0
9	Cost of Removal		\$0	\$0	\$0	\$0	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2017		\$0	\$0	\$0	\$0	\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	\$0	\$0	\$0	\$0	\$0	\$0
12	Effective Tax Rate		21.00%	21.00%				
13	Deferred Tax Reserve	Line 11 * Line 12	\$0	\$0	\$0	\$0	\$0	\$0
14	Total Deferred Tax Reserve	Line 7 + Line 13	\$3,040,854	\$347,328	\$564,647	\$187,345	(\$50,063)	\$43,636
15	Net Operating Loss		\$0	\$0	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	\$3,040,854	\$347,328	\$564,647	\$187,345	(\$50,063)	\$43,636
	Allocation of FY 2018 Estimated Federal NOL							
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$2,577,724	\$992,367				
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	\$0	\$0				
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	\$2,577,724	\$992,367				
20	Total FY 2018 Federal NOL		\$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		21.00%	21.00%				
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	\$3,040,854	\$347,328	\$564,647	\$187,345	(\$50,063)	\$43,636
	Proration Calculation	(j) Number of Days in Month (k) Proration Percentage	(l)= Sum of (m) through (s)	(p)	(q)	(r)	(s)	
26	April 2017	30 91.78%	\$206,012	\$42,439	\$43,186	\$14,329	(\$3,829)	\$3,337
27	May 2017	31 83.29%	\$186,948	\$38,512	\$39,190	\$13,003	(\$3,475)	\$3,029
28	June 2017	30 75.07%	\$168,499	\$34,711	\$35,323	\$11,720	(\$3,132)	\$2,730
29	July 2017	31 66.58%	\$149,435	\$30,784	\$31,326	\$10,394	(\$2,777)	\$2,421
30	August 2017	31 58.08%	\$130,372	\$26,857	\$27,330	\$9,068	(\$2,423)	\$2,112
31	September 2017	30 49.86%	\$111,923	\$23,056	\$23,462	\$7,785	(\$2,080)	\$1,813
32	October 2017	31 41.37%	\$92,859	\$19,129	\$19,466	\$6,459	(\$1,726)	\$1,504
33	November 2017	30 33.15%	\$74,410	\$15,329	\$15,599	\$5,176	(\$1,383)	\$1,205
34	December 2017	31 24.66%	\$55,346	\$11,402	\$11,602	\$3,850	(\$1,029)	\$897
35	January 2018	31 16.16%	\$36,283	\$7,474	\$7,606	\$2,524	(\$674)	\$588
36	February 2018	28 8.49%	\$19,064	\$3,927	\$3,996	\$1,326	(\$354)	\$309
37	March 2018	31 0.00%	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365	\$1,231,151	\$253,621	\$258,087	\$85,631	(\$22,883)	\$19,945
39	Deferred Tax Without Proration	Line 25	\$2,693,526	\$347,328	\$564,647	\$187,345	(\$50,063)	\$43,636
40	Proration Adjustment	Line 38 - Line 39	(\$1,462,376)	(\$93,707)	(\$306,559)	(\$101,714)	\$27,180	(\$23,691)

Column Notes:

(j) Sum of remaining days in the year (Col (i)) divided by 365
(l) through (r) = Current Year Line 25 * Current Month Col (j)

Updates Include Tax Act Change

The Narragansett Electric Company
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The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Weighted ISR Additions FY 2014

<u>Line No.</u>	<u>Month No.</u>	<u>Month</u>	<u>FY 2014 ISR Additions</u> (a)	<u>In Rates</u> (b)	<u>Not In Rates</u> (c) = (a) - (b)	<u>Weight</u> (d)	<u>Weighted Average</u> (e) = (d) * (c)
1				\$57,184,191			
2	1	Apr-13	\$5,751,208	4,765,349	\$985,858	0.958	\$944,781
3	2	May-13	5,751,208	4,765,349	985,858	0.875	862,626
4	3	Jun-13	5,751,208	4,765,349	985,858	0.792	780,471
5	4	Jul-13	5,751,208	4,765,349	985,858	0.708	698,316
6	5	Aug-13	5,751,208	4,765,349	985,858	0.625	616,161
7	6	Sep-13	5,751,208	4,765,349	985,858	0.542	534,007
8	7	Oct-13	5,751,208	4,765,349	985,858	0.458	451,852
9	8	Nov-13	5,751,208	4,765,349	985,858	0.375	369,697
10	9	Dec-13	5,751,208	4,765,349	985,858	0.292	287,542
11	10	Jan-14	5,751,208	4,765,349	985,858	0.208	205,387
12	11	Feb-14	5,751,208	-	5,751,208	0.125	718,901
13	12	Mar-14	5,751,208	-	5,751,208	0.042	239,634
14	Total FY 2014		<u>\$69,014,490</u>	<u>\$47,653,493</u>	<u>\$21,360,998</u>		<u>\$6,709,374</u>
15	Total Additions February & March 2014				\$11,502,415		
16	FY 2014 Weighted Average Incremental Rate Base Percentage						31.41%

Column (a) = Page 18 of 31, Line 1(c)

Column (b) = Page 18 of 31, Line 2(c)

Column (d) = (12.5 - Month No.) ÷ 12

Line 15 = Line 12(c) + Line 13(c)

Line 16 = Line 14(e)/Line 14(c)

The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Weighted ISR Deferred Tax Provision FY 2014

<u>Line No.</u>	<u>Month No.</u>	<u>Month</u>	<u>FY 2014 ISR Deferred Tax</u> (a)	<u>In Rates</u> (b)	<u>Not In Rates</u> (c) = (a) - (b)	<u>Weight</u> (d)	<u>Weighted Average</u> (e) = (d) * (c)
1				\$13,893,167			
2	1	Apr-13	\$ -	1,157,764	(\$1,157,764)	0.958	(\$1,109,524)
3	2	May-13	-	1,157,764	(1,157,764)	0.875	(1,013,043)
4	3	Jun-13	-	1,157,764	(1,157,764)	0.792	(916,563)
5	4	Jul-13	-	1,157,764	(1,157,764)	0.708	(820,083)
6	5	Aug-13	-	1,157,764	(1,157,764)	0.625	(723,602)
7	6	Sep-13	-	1,157,764	(1,157,764)	0.542	(627,122)
8	7	Oct-13	-	1,157,764	(1,157,764)	0.458	(530,642)
9	8	Nov-13	-	1,157,764	(1,157,764)	0.375	(434,161)
10	9	Dec-13	-	1,157,764	(1,157,764)	0.292	(337,681)
11	10	Jan-14	-	1,157,764	(1,157,764)	0.208	(241,201)
12	11	Feb-14	-	-	-	0.125	-
13	12	Mar-14	-	-	-	0.042	-
14	Total FY 2014		<u>\$ -</u>	<u>\$11,577,639</u>	<u>(\$11,577,639)</u>		<u>(\$6,753,623)</u>
15	FY 2014 Weighted Average Deferred Tax Provision Percentage						58.33%

Column (a) = Page 4 Line 18(a)

Column (b) = Page 23 of 31, Line 1(k). Lines 2 through 11 = 1/12th of Line 1.

Column (d) = (12.5 - Month No.) ÷ 12

Line 15 = Line 14(e)/Line 14(c)

Updates Include Tax Act Change

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas Infrastructure, Safety,
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
Calculation of Excess Deferred Taxes at 12/31/17**

<u>Line No</u>		Cumulative Book/Tax Timing Difference at 03/31/17 (a)	Projected Book/Tax Timing Difference at 3/31/18 (b)	Difference (c) = (b) - (a)	Prorated Change as of 12/31/17 (d) = (c) x 75%	Cumulative Timing Difference through 12/31/17 (e) = (a) + (d)	Excess Deferred Taxes at 12/31/17 (f)
1	Vintage Year						
2	2012	\$2,352,123	\$2,229,838	(\$122,285)	(\$91,714)	\$2,260,409	\$316,457
3	2013	(\$2,090,173)	(\$1,948,516)	\$141,657	\$106,242	(\$1,983,931)	(\$277,750)
4	2014	\$15,646,021	\$15,133,051	(\$512,970)	(\$384,728)	\$15,261,294	\$2,136,581
5	2015	\$64,903,087	\$63,410,797	(\$1,492,289)	(\$1,119,217)	\$63,783,870	\$8,929,742
6	2016	\$79,357,069	\$77,172,768	(\$2,184,301)	(\$1,638,226)	\$77,718,843	\$10,880,638
7	2017	\$73,583,108	\$72,016,710	(\$1,566,398)	(\$1,174,799)	\$72,408,309	\$10,137,163
8	2018	\$ -	\$78,910,072	\$78,910,072	\$59,182,554	\$59,182,554	\$8,285,558

Line Notes

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

**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas Infrastructure, Safety,
and Reliability Plan Proposal Filing
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**The Narragansett Electric Company
d/b/a National Grid
FY 2019 Gas ISR Plan Revenue Requirement
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. 3943					
2		(a)	(b)	(c)	(d)	(e)
3		Ratio	Rate	Rate	Taxes	Return
4	Long Term Debt	40.63%	7.99%	3.25%		3.25%
5	Short Term Debt	11.66%	3.91%	0.45%		0.45%
6	Preferred Stock	0.00%	0.00%	0.00%		0.00%
7	Common Equity	47.71%	10.50%	5.01%	2.70%	7.71%
8		<u>100.00%</u>		<u>8.71%</u>	<u>2.70%</u>	<u>11.41%</u>

9
10 (d) - Column (c) x 35% divided by (1 - 35%)
11

12	Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323 at 35% income tax rate					
13		(a)	(b)	(c)	(d)	(e)
14		Ratio	Rate	Rate	Taxes	Return
15	Long Term Debt	49.95%	5.70%	2.85%		2.85%
16	Short Term Debt	0.76%	0.80%	0.01%		0.01%
17	Preferred Stock	0.15%	4.50%	0.01%		0.01%
18	Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
19		<u>100.00%</u>		<u>7.54%</u>	<u>2.51%</u>	<u>10.05%</u>

20
21 (d) - Column (c) x 35% divided by (1 - 35%)
22
23

24	Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323 at 21% income tax rate					
25		(a)	(b)	(c)	(d)	(e)
26		Ratio	Rate	Rate	Taxes	Return
27	Long Term Debt	49.95%	5.70%	2.85%		2.85%
28	Short Term Debt	0.76%	0.80%	0.01%		0.01%
29	Preferred Stock	0.15%	4.50%	0.01%		0.01%
30	Common Equity	49.14%	9.50%	4.67%	1.24%	5.91%
31		<u>100.00%</u>		<u>7.54%</u>	<u>1.24%</u>	<u>8.78%</u>

32 (d) - Column (c) x 21% divided by (1 - 21%)
33

34
FY18 Blended Rate
 Line 19(e) x 75% + Line 31(e) x 25% 9.73%

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	FY 2019 Revenue Requirement	Rate Class	Rate Base Allocator (%)	Allocation to Rate Class (\$)	Throughput (dth)	CapEx Factor (dth)	CapEx Factor (therm)	O&M Allocation (therm)	Total ISR Factor (therm)	Uncollectible %	ISR Factor (therm)
(1)	\$43,308,051										
(2)	\$502,000										
(3)											
(4)		Res-NH									\$0.1501
(5)		Res-H									\$0.1501
(6)		Residential Total	65.29%	\$28,275,826	19,598,273	\$1.4427	\$0.1442	\$0.0012	\$0.1454	3.18%	\$0.1501
(7)		Small	8.19%	\$3,546,929	2,472,466	\$1.4345	\$0.1434	\$0.0012	\$0.1446	3.18%	\$0.1493
(8)		Medium	13.58%	\$5,881,233	5,507,228	\$1.0679	\$0.1067	\$0.0012	\$0.1079	3.18%	\$0.1114
(9)		Large LL	6.04%	\$2,615,806	2,651,210	\$0.9866	\$0.0986	\$0.0012	\$0.0998	3.18%	\$0.1030
(10)		Large HL	2.35%	\$1,017,739	1,264,980	\$0.8045	\$0.0804	\$0.0012	\$0.0816	3.18%	\$0.0842
(11)		XL-LL	0.77%	\$333,472	1,236,022	\$0.2697	\$0.0269	\$0.0012	\$0.0281	3.18%	\$0.0290
(12)		XL-HL	3.78%	\$1,637,044	6,959,192	\$0.2352	\$0.0235	\$0.0012	\$0.0247	3.18%	\$0.0255
		Total	100.0%	\$43,308,051	39,689,371						

(a) Line 1: Proposed Capital Revenue Requirement & Forecasted Annual Property Tax Recovery Mechanism (Section 3, Attachment 1, Page 1, Line 12)

(a) Line 2: Proposed O&M (Section 3, Attachment 1, Page 1, Line 1)

(c) Docket 4323, RI 2012 Rate Case

(d) Column (a) Line 1 * Column (c)

(e) Page 2, Column (m), Line 9

(f) Column (d) / Column (e), truncated to 4 decimal places

(g) Column (d) / (Column (e)*10), truncated to 4 decimal places

(h) Column (a) Line 2 / (Column (e) Line 12 * 10)

(i) Column (g) + Column (h)

(j) Docket 4323, RI 2012 Rate Case

(k) Column (i) / (1- Column (j)), truncated to 4 decimal places

Forecasted Throughput April 2018 - March 2019

	Apr-18 (a)	May-18 (b)	Jun-18 (c)	Jul-18 (d)	Aug-18 (e)	Sep-18 (f)	Oct-18 (g)	Nov-18 (h)	Dec-18 (i)	Jan-19 (j)	Feb-19 (k)	Mar-19 (l)	Total (m)
(1) Res-NH	50,294	32,303	22,003	16,157	14,197	15,072	17,788	24,837	37,709	47,476	44,759	61,172	383,768
(2) Res-H	2,123,608	1,134,913	640,980	439,872	378,733	439,199	549,175	1,238,713	2,322,621	3,324,439	3,561,176	3,061,076	19,214,505
(3) Small	282,085	127,654	81,210	48,438	44,471	51,076	64,219	134,620	317,128	448,887	460,766	411,912	2,472,466
(4) Medium	588,016	377,752	220,253	171,990	168,314	165,735	224,869	386,227	685,078	890,474	832,433	796,089	5,507,228
(5) Large LL	262,122	148,974	70,466	41,947	39,409	55,337	96,300	210,182	383,934	475,839	461,099	405,600	2,651,210
(6) Large HL	109,831	99,726	101,650	81,771	74,186	78,236	86,545	98,893	127,033	145,310	130,623	131,175	1,264,980
(7) X-Large LL	107,508	64,454	29,522	20,131	18,769	25,559	78,316	122,232	189,973	219,898	191,723	167,937	1,236,022
(8) X-Large HL	602,390	555,617	545,537	551,277	543,710	521,696	548,179	582,158	665,807	667,562	572,771	602,487	6,959,192
(9)	4,125,854	2,541,393	1,711,620	1,371,584	1,281,789	1,351,911	1,665,391	2,797,862	4,729,283	6,219,885	6,255,350	5,637,448	39,689,371

Source: Company forecast

Illustrative Example calculating FY19 ISR Factors for Residential Non-Heating and Residential Heating on a Stand Alone Basis

	FY 2019 Revenue Requirement	Rate Class	Rate Base Allocator (%)	Allocation to Rate Class (\$)	Throughput (dth)	CapEx Factor (dth)	CapEx Factor (therm)	O&M Allocation (therm)	Total ISR Factor (therm)	Uncollectible %	ISR Factor (therm)
(1)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
(2)	\$43,308,051										
(3)	\$502,000										
(4)		Res-NH	3.73%	\$1,615,390	383,768	\$4,2092	\$0.4209	\$0.0012	\$0.4221	3.18%	\$0.4359
(5)		Res-H	61.56%	\$26,660,436	19,214,505	\$1,3875	\$0.1387	\$0.0012	\$0.1399	3.18%	\$0.1444
(6)		Residential Total	65.29%	\$28,275,826	19,598,273	\$1,4427	\$0.1442	\$0.0012	\$0.1454	3.18%	\$0.1501
(7)		Small	8.19%	\$3,546,929	2,472,466	\$1,4345	\$0.1434	\$0.0012	\$0.1446	3.18%	\$0.1493
(8)		Medium	13.58%	\$5,881,233	5,507,228	\$1,0679	\$0.1067	\$0.0012	\$0.1079	3.18%	\$0.1114
(9)		Large LL	6.04%	\$2,615,806	2,651,210	\$0,9866	\$0.0986	\$0.0012	\$0.0998	3.18%	\$0.1030
(10)		Large HL	2.35%	\$1,017,739	1,264,980	\$0,8045	\$0.0804	\$0.0012	\$0.0816	3.18%	\$0.0842
(11)		XL-LL	0.77%	\$333,472	1,236,022	\$0,2697	\$0.0269	\$0.0012	\$0.0281	3.18%	\$0.0290
(12)		XL-HL	3.78%	\$1,637,044	6,959,192	\$0,2352	\$0.0235	\$0.0012	\$0.0247	3.18%	\$0.0255
		Total	100%	\$43,308,051	39,689,371						

(a) Line 1: Proposed Capital Revenue Requirement & Forecasted Annual Property Tax Recovery Mechanism (Section 3, Attachment 1, Page 1, Line 12)

(a) Line 2: Proposed O&M (Section 3, Attachment 1, Page 1, Line 1)

(c) Docket 4323, RI 2012 Rate Case

(d) Column (a) Line 1 * Column (c)

(e) Page 2, Column (m), Line 9

(f) Column (d) / Column (e), truncated to 4 decimal places

(g) Column (d) / (Column (e)*10), truncated to 4 decimal places

(h) Column (a) Line 2 / (Column (e) Line 12 * 10)

(i) Column (g) + Column (h)

(j) Docket 4323, RI 2012 Rate Case

(k) Column (i) / (1- Column (j)), truncated to 4 decimal places

National Grid - RI Gas
Infrastructure, Safety, and Reliability (ISR) Filing
Bill Impact Analysis with Various Levels of Consumption:

Line No.	Proposed Rates	Current Rates	Difference	% Chg	Base Rates			DAC			EE	GET		
					(f)	(g)	(h)	(i)	(j)	(k)		(l)		
(1)														
(2)														
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(32)														

Note: Bill Impacts are based on rates approved and currently in effect as of January 11, 2018.

National Grid - RI Gas
Infrastructure, Safety, and Reliability (ISR) Filing
Bill Impact Analysis with Various Levels of Consumption:

	Residential Non-Heating:		Current Rates	Difference	% Chg	Base Rates					GCR	Base DAC			ISR	EE	LIHEAP	GET
	Annual Consumption (Therms)	Proposed Rates				(a)	(b)	(c)	(d)	(e)		(f)	(g)	(h)				
(33)																		
(34)																		
(35)																		
(36)																		
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Note: Bill Impacts are based on rates approved and currently in effect as of January 11, 2018.

**National Grid - RI Gas
Infrastructure, Safety, and Reliability (ISR) Filing
Bill Impact Analysis with Various Levels of Consumption:**

	C & I Small:											C & I Medium:														
	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Base Rates	GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Base Rates	GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)
(65)																										
(66)	880	\$1,438.94	\$1,423.88	\$15.06	1.1%	\$0.00	\$0.00	\$0.00	\$14.61	\$0.00	\$0.00	\$0.45		7,941	\$9,099.10	\$8,915.71	\$183.39	2.1%	\$0.00	\$0.00	\$0.00	\$177.89	\$0.00	\$0.00	\$5.50	
(67)	973	\$1,544.70	\$1,528.05	\$16.65	1.1%	\$0.00	\$0.00	\$0.00	\$16.15	\$0.00	\$0.00	\$0.50		8,796	\$9,984.81	\$9,781.70	\$203.11	2.1%	\$0.00	\$0.00	\$0.00	\$197.02	\$0.00	\$0.00	\$6.09	
(68)	1,067	\$1,650.93	\$1,632.64	\$18.29	1.1%	\$0.00	\$0.00	\$0.00	\$17.74	\$0.00	\$0.00	\$0.55		9,650	\$10,869.08	\$10,646.23	\$222.86	2.1%	\$0.00	\$0.00	\$0.00	\$216.17	\$0.00	\$0.00	\$6.69	
(69)	1,162	\$1,757.50	\$1,737.61	\$19.89	1.1%	\$0.00	\$0.00	\$0.00	\$19.29	\$0.00	\$0.00	\$0.60		10,505	\$11,754.79	\$11,512.22	\$242.57	2.1%	\$0.00	\$0.00	\$0.00	\$235.29	\$0.00	\$0.00	\$7.28	
(70)	1,258	\$1,863.08	\$1,841.55	\$21.53	1.2%	\$0.00	\$0.00	\$0.00	\$20.88	\$0.00	\$0.00	\$0.65		11,361	\$12,640.90	\$12,378.55	\$262.35	2.1%	\$0.00	\$0.00	\$0.00	\$254.48	\$0.00	\$0.00	\$7.87	
(71)	1,352	\$1,961.46	\$1,938.32	\$23.13	1.2%	\$0.00	\$0.00	\$0.00	\$22.44	\$0.00	\$0.00	\$0.69		12,217	\$13,527.28	\$13,245.15	\$282.13	2.1%	\$0.00	\$0.00	\$0.00	\$273.67	\$0.00	\$0.00	\$8.46	
(72)	1,446	\$2,060.31	\$2,035.60	\$24.71	1.2%	\$0.00	\$0.00	\$0.00	\$23.97	\$0.00	\$0.00	\$0.74		13,073	\$14,413.72	\$14,111.82	\$301.90	2.1%	\$0.00	\$0.00	\$0.00	\$292.84	\$0.00	\$0.00	\$9.06	
(73)	1,542	\$2,160.97	\$2,134.61	\$26.36	1.2%	\$0.00	\$0.00	\$0.00	\$25.57	\$0.00	\$0.00	\$0.79		13,928	\$15,298.86	\$14,977.24	\$321.62	2.1%	\$0.00	\$0.00	\$0.00	\$311.97	\$0.00	\$0.00	\$9.65	
(74)	1,635	\$2,258.56	\$2,230.59	\$27.98	1.3%	\$0.00	\$0.00	\$0.00	\$27.14	\$0.00	\$0.00	\$0.84		14,782	\$16,183.66	\$15,842.32	\$341.34	2.2%	\$0.00	\$0.00	\$0.00	\$331.10	\$0.00	\$0.00	\$10.24	
(75)	1,730	\$2,358.22	\$2,328.61	\$29.61	1.3%	\$0.00	\$0.00	\$0.00	\$28.72	\$0.00	\$0.00	\$0.89		15,637	\$17,068.85	\$16,707.77	\$361.08	2.2%	\$0.00	\$0.00	\$0.00	\$350.25	\$0.00	\$0.00	\$10.83	
(76)	1,825	\$2,457.91	\$2,426.64	\$31.27	1.3%	\$0.00	\$0.00	\$0.00	\$30.33	\$0.00	\$0.00	\$0.94		16,492	\$17,954.59	\$17,573.74	\$380.85	2.2%	\$0.00	\$0.00	\$0.00	\$369.42	\$0.00	\$0.00	\$11.43	
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Note: Bill Impacts are based on rates approved and currently in effect as of January 11, 2018.

**National Grid - RI Gas
Infrastructure, Safety, and Reliability (ISR) Filing
Bill Impact Analysis with Various Levels of Consumption:**

	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Base Rates						
						Base DAC	DAC	ISR	EE	LIHEAP	GET	
C & I L L F Large:	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(97)												
(98)	41,066	\$43,851.58	\$43,072.60	\$778.98	1.8%	\$0.00	\$0.00	\$0.00	\$755.61	\$0.00	\$0.00	\$23.37
(99)	45,488	\$48,339.41	\$47,476.54	\$862.87	1.8%	\$0.00	\$0.00	\$0.00	\$836.98	\$0.00	\$0.00	\$25.89
(100)	49,910	\$52,827.14	\$51,880.39	\$946.75	1.8%	\$0.00	\$0.00	\$0.00	\$918.35	\$0.00	\$0.00	\$28.40
(101)	54,334	\$57,316.77	\$56,286.11	\$1,030.66	1.8%	\$0.00	\$0.00	\$0.00	\$999.74	\$0.00	\$0.00	\$30.92
(102)	58,757	\$61,805.41	\$60,690.83	\$1,114.58	1.8%	\$0.00	\$0.00	\$0.00	\$1,081.14	\$0.00	\$0.00	\$33.44
(103)	63,179	\$66,293.28	\$65,094.85	\$1,198.43	1.8%	\$0.00	\$0.00	\$0.00	\$1,162.48	\$0.00	\$0.00	\$35.95
(104)	67,600	\$70,780.06	\$69,497.73	\$1,282.33	1.8%	\$0.00	\$0.00	\$0.00	\$1,243.86	\$0.00	\$0.00	\$38.47
(105)	72,023	\$75,268.71	\$73,902.51	\$1,366.21	1.8%	\$0.00	\$0.00	\$0.00	\$1,325.22	\$0.00	\$0.00	\$40.99
(106)	76,447	\$79,758.90	\$78,308.77	\$1,450.12	1.9%	\$0.00	\$0.00	\$0.00	\$1,406.62	\$0.00	\$0.00	\$43.50
(107)	80,870	\$84,247.55	\$82,713.54	\$1,534.01	1.9%	\$0.00	\$0.00	\$0.00	\$1,487.99	\$0.00	\$0.00	\$46.02
(108)	85,292	\$88,735.38	\$87,117.44	\$1,617.94	1.9%	\$0.00	\$0.00	\$0.00	\$1,569.40	\$0.00	\$0.00	\$48.54
(109)												
(110)												
(111)												
(112)												
(113)												
C & I H L F Large:												
(114)	50,411	\$45,529.54	\$45,352.84	\$176.70	0.4%	\$0.00	\$0.00	\$0.00	\$171.40	\$0.00	\$0.00	\$5.30
(115)	55,841	\$50,199.48	\$50,003.77	\$195.71	0.4%	\$0.00	\$0.00	\$0.00	\$189.84	\$0.00	\$0.00	\$5.87
(116)	61,273	\$54,870.91	\$54,656.14	\$214.76	0.4%	\$0.00	\$0.00	\$0.00	\$208.32	\$0.00	\$0.00	\$6.44
(117)	66,699	\$59,537.76	\$59,303.94	\$233.81	0.4%	\$0.00	\$0.00	\$0.00	\$226.80	\$0.00	\$0.00	\$7.01
(118)	72,129	\$64,207.67	\$63,954.83	\$252.84	0.4%	\$0.00	\$0.00	\$0.00	\$245.25	\$0.00	\$0.00	\$7.59
(119)	77,558	\$68,876.73	\$68,604.88	\$271.86	0.4%	\$0.00	\$0.00	\$0.00	\$263.70	\$0.00	\$0.00	\$8.16
(120)	82,989	\$73,546.69	\$73,255.80	\$290.89	0.4%	\$0.00	\$0.00	\$0.00	\$282.16	\$0.00	\$0.00	\$8.73
(121)	88,416	\$78,214.29	\$77,904.35	\$309.94	0.4%	\$0.00	\$0.00	\$0.00	\$300.64	\$0.00	\$0.00	\$9.30
(122)	93,847	\$82,884.96	\$82,556.01	\$328.95	0.4%	\$0.00	\$0.00	\$0.00	\$319.08	\$0.00	\$0.00	\$9.87
(123)	99,275	\$87,553.31	\$87,205.34	\$347.97	0.4%	\$0.00	\$0.00	\$0.00	\$337.53	\$0.00	\$0.00	\$10.44
(124)	104,705	\$92,223.25	\$91,856.25	\$367.00	0.4%	\$0.00	\$0.00	\$0.00	\$355.99	\$0.00	\$0.00	\$11.01

Note: Bill Impacts are based on rates approved and currently in effect as of January 11, 2018.

**National Grid - RI Gas
Infrastructure, Safety, and Reliability (ISR) Filing
Bill Impact Analysis with Various Levels of Consumption:**

	C & I LLF Extra-Large:												
	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	Base Rates	GCR	Base DAC	DAC	ISR	EE	LIHEAP	GET
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
(129)													
(130)													
(131)													
(132)													
(133)													
(134)													
(135)	174,357	\$140,075.61	\$139,158.89	\$916.72	0.7%	\$0.00	\$0.00	\$0.00	\$889.22	\$0.00	\$0.00	\$27.50	
(136)	193,136	\$154,594.61	\$153,579.15	\$1,015.45	0.7%	\$0.00	\$0.00	\$0.00	\$984.99	\$0.00	\$0.00	\$30.46	
(137)	211,912	\$169,111.65	\$167,997.47	\$1,114.18	0.7%	\$0.00	\$0.00	\$0.00	\$1,080.75	\$0.00	\$0.00	\$33.43	
(138)	230,688	\$183,629.19	\$182,416.28	\$1,212.91	0.7%	\$0.00	\$0.00	\$0.00	\$1,176.52	\$0.00	\$0.00	\$36.39	
(139)	249,466	\$198,147.54	\$196,835.92	\$1,311.63	0.7%	\$0.00	\$0.00	\$0.00	\$1,272.28	\$0.00	\$0.00	\$39.35	
(140)	268,243	\$212,665.11	\$211,254.75	\$1,410.36	0.7%	\$0.00	\$0.00	\$0.00	\$1,368.05	\$0.00	\$0.00	\$42.31	
(141)	287,018	\$227,181.51	\$225,672.45	\$1,509.06	0.7%	\$0.00	\$0.00	\$0.00	\$1,463.79	\$0.00	\$0.00	\$45.27	
(142)	305,796	\$241,700.46	\$240,092.67	\$1,607.79	0.7%	\$0.00	\$0.00	\$0.00	\$1,559.56	\$0.00	\$0.00	\$48.23	
(143)	324,573	\$256,218.15	\$254,511.64	\$1,706.52	0.7%	\$0.00	\$0.00	\$0.00	\$1,655.32	\$0.00	\$0.00	\$51.20	
(144)	343,350	\$270,735.77	\$268,930.54	\$1,805.23	0.7%	\$0.00	\$0.00	\$0.00	\$1,751.07	\$0.00	\$0.00	\$54.16	
(145)	362,127	\$285,253.44	\$283,349.47	\$1,903.97	0.7%	\$0.00	\$0.00	\$0.00	\$1,846.85	\$0.00	\$0.00	\$57.12	
Average Customer													
(146)													
(147)													
(148)													
(149)													
(150)	447,421	\$317,924.67	\$316,171.85	\$1,752.81	0.6%	\$0.00	\$0.00	\$0.00	\$1,700.23	\$0.00	\$0.00	\$52.58	
(151)	495,605	\$351,595.21	\$349,653.65	\$1,941.56	0.6%	\$0.00	\$0.00	\$0.00	\$1,883.31	\$0.00	\$0.00	\$58.25	
(152)	543,789	\$385,266.56	\$383,136.26	\$2,130.30	0.6%	\$0.00	\$0.00	\$0.00	\$2,066.39	\$0.00	\$0.00	\$63.91	
(153)	591,972	\$418,936.45	\$416,617.40	\$2,319.05	0.6%	\$0.00	\$0.00	\$0.00	\$2,249.48	\$0.00	\$0.00	\$69.57	
(154)	640,155	\$452,606.43	\$450,098.59	\$2,507.85	0.6%	\$0.00	\$0.00	\$0.00	\$2,432.61	\$0.00	\$0.00	\$75.24	
(155)	688,340	\$486,278.13	\$483,581.51	\$2,696.62	0.6%	\$0.00	\$0.00	\$0.00	\$2,615.72	\$0.00	\$0.00	\$80.90	
(156)	736,523	\$519,948.32	\$517,062.98	\$2,885.34	0.6%	\$0.00	\$0.00	\$0.00	\$2,798.78	\$0.00	\$0.00	\$86.56	
(157)	784,708	\$553,619.55	\$550,545.44	\$3,074.11	0.6%	\$0.00	\$0.00	\$0.00	\$2,981.89	\$0.00	\$0.00	\$92.22	
(158)	832,891	\$587,290.24	\$584,027.39	\$3,262.85	0.6%	\$0.00	\$0.00	\$0.00	\$3,164.96	\$0.00	\$0.00	\$97.89	
(159)	881,074	\$620,960.22	\$617,508.61	\$3,451.61	0.6%	\$0.00	\$0.00	\$0.00	\$3,348.06	\$0.00	\$0.00	\$103.55	
(160)	929,259	\$654,632.20	\$650,991.82	\$3,640.38	0.6%	\$0.00	\$0.00	\$0.00	\$3,531.17	\$0.00	\$0.00	\$109.21	
Average Customer													

Note: Bill Impacts are based on rates approved and currently in effect as of January 11, 2018.