

March 30, 2021

**VIA ELECTRONIC MAIL**

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

**RE: Docket 5098 – Electric Infrastructure, Safety, and Reliability Plan FY 2022  
Compliance Filing**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”), this correspondence and the enclosed documents represent the Company’s compliance filing in the above-referenced docket. This compliance filing stems from directives that were issued by the Public Utilities Commission (“PUC”) at an Open Meeting that occurred on March 29, 2021.

Specifically, the PUC (i) asked the Company to reclassify its proposed COVID budget line item from “customer request” to “system capacity and performance” or explain why not; (ii) directed the Company to remove a portion of the ISR Plan budget that was classified to Distributed Energy Resources (“DER”) enabling investments totaling \$2.05 million; and (iii) directed the Company to calculate Operation and Maintenance (“O&M”) factors and CapEx factors that are based on the forecast that was provided in the Company’s response to PUC 3-1 which was included in the Company’s recent Annual Retail Rate Filing.

In regard to item (i) above, the Company agrees to reclassify its proposed COVID budget line item from “customer request” to “system capacity and performance.”

In accordance with the PUC’s directives as described in items (ii) and (iii) above, enclosed, please find the following compliance filings:

- Section 5(C) – Compliance Revenue Requirement
- Section 6(C) – Compliance Rate Design
- Section 7(C) – Compliance Bill Impacts

Luly E. Massaro, Commission Clerk  
Docket 5098 - Electric ISR Plan FY 2022 Compliance Filing  
March 30, 2021  
Page 2 of 2

Thank you for your attention to this filing. If you have any questions or concerns, please do not hesitate to contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

Enclosures

cc: Docket 5098 Service List  
Christy Hetherington, Esq., Division  
Tiffany Parenteau, Esq., Office of Attorney General

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Joanne M. Scanlon

March 30, 2021

Date

**Docket No. 5098 - National Grid's Electric ISR Plan FY 2022  
Service List as of 1/28//2021**

<b>Name/Address</b>	<b>E-mail Distribution</b>	<b>Phone</b>
Andrew.Marcaccio, Esq. Jennifer Hutchinson, Esq. <b>National Grid</b> 280 Melrose St. Providence, RI 02907	<a href="mailto:Andrew.Marcaccio@nationalgrid.com">Andrew.Marcaccio@nationalgrid.com</a> ; <a href="mailto:jennifer.hutchinson@nationalgrid.com">jennifer.hutchinson@nationalgrid.com</a> ; <a href="mailto:celia.obrien@nationalgrid.com">celia.obrien@nationalgrid.com</a> ; <a href="mailto:Joanne.scanlon@nationalgrid.com">Joanne.scanlon@nationalgrid.com</a> ;	401-784-7288
<b>National Grid</b> Melissa Little Patricia Easterly Kathy Castro Susan Toronto Ryan Constable William Richer	<a href="mailto:Melissa.Little@nationalgrid.com">Melissa.Little@nationalgrid.com</a> ; <a href="mailto:Patricia.easterly@nationalgrid.com">Patricia.easterly@nationalgrid.com</a> ; <a href="mailto:Kathy.Castro2@nationalgrid.com">Kathy.Castro2@nationalgrid.com</a> ; <a href="mailto:Susan.Toronto@nationalgrid.com">Susan.Toronto@nationalgrid.com</a> ; <a href="mailto:Ryan.Constable@nationalgrid.com">Ryan.Constable@nationalgrid.com</a> ; <a href="mailto:William.Richer@nationalgrid.com">William.Richer@nationalgrid.com</a> ;	
<b>Division of Public Utilities (Division)</b> Christy Hetherington, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	<a href="mailto:christy.hetherington@dpuc.ri.gov">christy.hetherington@dpuc.ri.gov</a> ; <a href="mailto:Dmacrae@riag.ri.gov">Dmacrae@riag.ri.gov</a> ; <a href="mailto:MFolcarelli@riag.ri.gov">MFolcarelli@riag.ri.gov</a> ; <a href="mailto:John.bell@dpuc.ri.gov">John.bell@dpuc.ri.gov</a> ; <a href="mailto:Joseph.shilling@dpuc.ri.gov">Joseph.shilling@dpuc.ri.gov</a> ; <a href="mailto:Margaret.l.hogan@dpuc.ri.gov">Margaret.l.hogan@dpuc.ri.gov</a> ; <a href="mailto:Linda.george@dpuc.ri.gov">Linda.george@dpuc.ri.gov</a> ; <a href="mailto:Robert.Bailey@dpuc.ri.gov">Robert.Bailey@dpuc.ri.gov</a> ;	
David Efron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	<a href="mailto:Djeffron@aol.com">Djeffron@aol.com</a> ;	603-964-6526

<p>Gregory L. Booth, PLLC  14460 Falls of Neuse Rd.  Suite 149-110  Raleigh, N. C. 27614</p>	<p><a href="mailto:gboothpe@gmail.com">gboothpe@gmail.com</a>;</p>	<p>919-441-6440</p>
<p>Linda Kushner  L. Kushner Consulting, LLC  514 Daniels St. #254  Raleigh, NC 27605</p>	<p><a href="mailto:Lkushner33@gmail.com">Lkushner33@gmail.com</a>;</p>	<p>919-810-1616</p>
<p><b>Office of Energy Resources (OER)</b>  Albert Vitali, Esq.  Dept. of Administration  Division of Legal Services  One Capitol Hill, 4<sup>th</sup> Floor  Providence, RI 02908</p>	<p><a href="mailto:Albert.Vitali@doa.ri.gov">Albert.Vitali@doa.ri.gov</a>;</p>	<p>401-222-3417</p>
	<p><a href="mailto:Nancy.Russolino@doa.ri.gov">Nancy.Russolino@doa.ri.gov</a>;</p>	
	<p><a href="mailto:Christopher.Kearns@energy.ri.gov">Christopher.Kearns@energy.ri.gov</a>;</p>	
	<p><a href="mailto:Nicholas.Ucci@energy.ri.gov">Nicholas.Ucci@energy.ri.gov</a> ;</p>	
	<p><a href="mailto:Carrie.Gill@energy.ri.gov">Carrie.Gill@energy.ri.gov</a> ;</p>	
<p><b>File an original &amp; five (5) copies w/:</b>  Luly E. Massaro, Commission Clerk  Public Utilities Commission  89 Jefferson Blvd.  Warwick, RI 02888</p>	<p><a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a>;</p>	<p>401-780-2107</p>
	<p><a href="mailto:John.harrington@puc.ri.gov">John.harrington@puc.ri.gov</a>;</p>	
	<p><a href="mailto:Cynthia.WilsonFrias@puc.ri.gov">Cynthia.WilsonFrias@puc.ri.gov</a>;</p>	
	<p><a href="mailto:Todd.bianco@puc.ri.gov">Todd.bianco@puc.ri.gov</a>;</p>	
	<p><a href="mailto:Alan.nault@puc.ri.gov">Alan.nault@puc.ri.gov</a>;</p>	
<p>Matthew Sullivan, Green Development</p>	<p><a href="mailto:ms@green-ri.com">ms@green-ri.com</a>;</p>	

**The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
Annual Revenue Requirement Summary**

Line No.		Approved Fiscal Year <u>2021</u> (a)	Fiscal Year <u>2022</u> (b)	Fiscal Year <u>2023</u> (c)
	<b><u>Operation and Maintenance (O&amp;M) Expenses:</u></b>			
1	Current Year Vegetation Management (VM)	\$10,600,000	\$10,800,000	
2	Current Year Inspection & Maintenance (I&M)	\$1,035,000	\$896,000	
3	Current Year Other Programs	\$456,633	\$287,000	
4	<b>Total O&amp;M Expense Component of Revenue Requirement</b>	<b>\$12,091,633</b>	<b>\$11,983,000</b>	<b>\$0</b>
	<b><u>Capital Investment:</u></b>			
5	Actual Revenue Requirement on FY 2018 Incremental Capital included in ISR Rate Base	\$2,057,064	\$2,001,528	\$1,946,604
6	Actual Revenue Requirement on FY 2019 Incremental Capital included in ISR Rate Base	\$4,272,652	\$4,115,670	\$3,965,256
7	Actual Revenue Requirement on FY 2020 Incremental Capital included in ISR Rate Base	\$5,226,171	\$5,902,936	\$5,692,039
8	Forecasted Revenue Requirement on FY 2021 Incremental Capital included in ISR Rate Base	\$4,341,988	\$8,723,827	\$8,407,931
9	Forecasted Revenue Requirement on FY 2022 Incremental Capital included in ISR Rate Base	\$0	\$3,589,630	\$7,030,129
10	Subtotal	\$15,897,876	\$24,333,591	\$27,041,960
11	FY 2021 Property Tax Recovery Adjustment	\$4,952,008		
12	FY 2022 Property Tax Recovery Adjustment		\$5,041,128	
13	<b>Total Capital Investment Component of Revenue Requirement</b>	<b>\$20,849,885</b>	<b>\$29,374,719</b>	<b>\$27,041,960</b>
14	<b>Total Fiscal Year Revenue Requirement</b>	<b>\$32,941,518</b>	<b>\$41,357,719</b>	<b>\$27,041,960</b>
15	<b>Incremental Fiscal Year Rate Adjustment</b>		<b>\$8,416,201</b>	

Column/Line Notes:

Col (a)	Docket No. 4995, FY 2021 Electric ISR Plan, Revised Section 5: Attachment 1R, Page 1 of 25, Column (b)
Col (b)	
1	Vegetation Management, Section 3, Chart 1
2	Other Operations and Maintenance, Section 4, Chart 1
3	Other Operations and Maintenance, Section 4, Chart 2
4	Sum of Lines 1 through 3
5	Page 2 of 29, Line 34 Column (e) & (f)
6	Page 5 of 29, Line 36, Column (d) & (e)
7	Page 10 of 29, Line , Column (c) & (d)
8	Page 14 of 29, Line , Column (b) & (c)
9	Page 18 of 29, Line , Column (a) & (b)
10	Sum of Lines 5 through 9
12	Page 27 of 29, Line 52, Column (k) × 1,000
13	Sum of Lines 10 through 12
14	Line 4 + Line 13
15	Line 14 Col (b) - Line 14 Col (a)

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
FY 2022 Revenue Requirement on FY 2018 Actual Incremental Capital Investment

Line No.		Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)	Fiscal Year 2021 (d)	Fiscal Year 2022 (e)	Fiscal Year 2023 (f)
	<b>Capital Investment Allowance</b>						
1	Non-Discretionary Capital	\$3,178,398					
2	Discretionary Capital	\$14,638,256					
3	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending						
4	Total Allowed Capital Included in Rate Base	\$17,816,654	\$0	\$0	\$0	\$0	\$0
5	Depreciable Net Capital Included in Rate Base	\$17,816,654	\$0	\$0	\$0	\$0	\$0
6	Retirements	(\$5,245,072)	\$0	\$0	\$0	\$0	\$0
7	Net Depreciable Capital Included in Rate Base	\$23,061,726	\$23,061,726	\$23,061,726	\$23,061,726	\$23,061,726	\$23,061,726
8	Change in Net Capital Included in Rate Base	\$17,816,654	\$0	\$0	\$0	\$0	\$0
9	Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0
10	Incremental Capital Amount	\$17,816,654	\$17,816,654	\$17,816,654	\$17,816,654	\$17,816,654	\$17,816,654
11	Cost of Removal	\$1,719,991	\$0	\$0	\$0	\$0	\$0
	<b>Total Net Plant in Service</b>	<b>\$19,536,645</b>	<b>\$19,536,645</b>	<b>\$19,536,645</b>	<b>\$19,536,645</b>	<b>\$19,536,645</b>	<b>\$19,536,645</b>
12	Deferred Tax Calculation:						
13	Composite Book Depreciation Rate	3.40%	3.26%	3.16%	3.16%	3.16%	3.16%
14	Vintage Year Tax Depreciation:						
15	2018 Spend	\$13,898,861	\$571,028	\$528,156	\$488,605	\$451,903	\$418,047
16	Cumulative Tax Depreciation	\$13,898,861	\$14,469,889	\$14,998,045	\$15,486,650	\$15,938,553	\$16,356,600
17	Book Depreciation	\$392,049	\$751,812	\$728,751	\$728,751	\$728,751	\$728,751
18	Cumulative Book Depreciation	\$392,049	\$1,143,862	\$1,872,612	\$2,601,363	\$3,330,113	\$4,058,864
19	Cumulative Book / Tax Timer	\$13,506,812	\$13,326,028	\$13,125,433	\$12,885,287	\$12,608,439	\$12,297,736
20	Effective Tax Rate	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
21	Deferred Tax Reserve	\$2,836,430	\$2,798,466	\$2,756,341	\$2,705,910	\$2,647,772	\$2,582,525
22	Less: FY 2018 Federal NOL	(\$2,998,499)	(\$2,998,499)	(\$2,998,499)	(\$2,998,499)	(\$2,998,499)	(\$2,998,499)
23	Excess Deferred Tax	\$1,424,969	\$1,424,969	\$1,424,969	\$1,424,969	\$1,424,969	\$1,424,969
24	Net Deferred Tax Reserve before Proration Adjustment	\$1,262,901	\$1,224,936	\$1,182,811	\$1,132,380	\$1,074,242	\$1,008,995
25	Cumulative Incremental Capital Included in Rate Base	\$19,536,645	\$19,536,645	\$19,536,645	\$19,536,645	\$19,536,645	\$19,536,645
26	Accumulated Depreciation	(\$392,049)	(\$1,143,862)	(\$1,872,612)	(\$2,601,363)	(\$3,330,113)	(\$4,058,864)
27	Deferred Tax Reserve	(\$1,262,901)	(\$1,224,936)	(\$1,182,811)	(\$1,132,380)	(\$1,074,242)	(\$1,008,995)
28	Year End Rate Base before Deferred Tax Proration	\$17,881,695	\$17,167,848	\$16,481,222	\$15,802,902	\$15,132,290	\$14,468,787
29	Average Rate Base before Deferred Tax Proration Adjustment						
30	Proration Adjustment						
31	Average ISR Rate Base after Deferred Tax Proration						
32	Return and Taxes						
33	Book Depreciation						
34	<b>Annual Revenue Requirement</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>\$2,001,528</b>	<b>\$1,946,604</b>

1/ 3.4%, Composite Book Depreciation Rate approved per RIPUC Docket No. 4323, in effect until Aug 31, 2018  
3.16%, Composite Book Depreciation Rate for ISR plant, approved per RIPUC Docket No. 4770, effective on Sep 1, 2018, per Page 12 of 18  
FY 19 Composite Book Depreciation Rate = 3.4% x 5 / 12 + 3.16% x 7 / 12  
2/ The Federal Income Tax rate changed from 35% to 21% on January 1, 2018 per the Tax Cuts and Jobs Act of 2017

The Narragansett Electric Company  
d/b/a National Grid

FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Tax Depreciation and Repairs Deduction on FY 2018 Incremental Capital Investments

Line No.		Fiscal Year 2018 (a)	(b)	(c)	(d)	(e)
	<u>Capital Repairs Deduction</u>					
1	Plant Additions	\$17,816,654				
2	Capital Repairs Deduction Rate	1/ 9.00%				
3	Capital Repairs Deduction	\$1,603,499				
	<u>Bonus Depreciation</u>					
4	Plant Additions	\$17,816,654				
5	Less Capital Repairs Deduction	(\$1,603,499)				
6	Plant Additions Net of Capital Repairs Deduction	\$16,213,155				
7	Percent of Plant Eligible for Bonus Depreciation	100.00%				
8	Plant Eligible for Bonus Depreciation	\$16,213,155				
9	Bonus depreciation 100% category	2/ 16.38%				
10	Bonus depreciation 50% category	2/ 17.14%				
11	Bonus depreciation 40% category	2/ 17.69%				
12	Bonus depreciation 0% category	2/ 0.00%				
13	Total Bonus Depreciation Rate	51.21%				
14	Bonus Depreciation	\$8,303,081				
	<u>Remaining Tax Depreciation</u>					
15	Plant Additions	\$17,816,654				
16	Less Capital Repairs Deduction	\$1,603,499				
17	Less Bonus Depreciation	\$8,303,081				
18	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$7,910,074				
19	20 YR MACRS Tax Depreciation Rates	3.750%				
20	Remaining Tax Depreciation	\$296,628				
21	FY18 Loss incurred due to retirements	\$1,975,662	3/			
22	Cost of Removal	\$1,719,991				
23	Total Tax Depreciation and Repairs Deduction	\$13,898,861				

1/ Capital Repairs percentage is based on the actual results of the FY 2018 tax return.  
2/ Percent of Plant Eligible for Bonus Depreciation is the actual result of FY2018 tax return  
3/ Actual Loss for FY2018

MACRS		20 Year MACRS Depreciation			
basis:	Line 18	Annual MACRS	Cumulative Tax Depr		
Fiscal Year					
2018	3.750%	\$296,628	\$13,898,861		
2019	7.219%	\$571,028	\$14,469,889		
2020	6.677%	\$528,156	\$14,998,045		
2021	6.177%	\$488,605	\$15,486,650		
2022	5.713%	\$451,903	\$15,938,553		
2023	5.285%	\$418,047	\$16,356,600		
2024	4.888%	\$386,644	\$16,743,245		
2025	4.522%	\$357,694	\$17,100,938		
2026	4.462%	\$352,948	\$17,453,886		
2027	4.461%	\$352,868	\$17,806,754		
2028	4.462%	\$352,948	\$18,159,702		
2029	4.461%	\$352,868	\$18,512,570		
2030	4.462%	\$352,948	\$18,865,518		
2031	4.461%	\$352,868	\$19,218,386		
2032	4.462%	\$352,948	\$19,571,334		
2033	4.461%	\$352,868	\$19,924,202		
2034	4.462%	\$352,948	\$20,277,149		
2035	4.461%	\$352,868	\$20,630,018		
2036	4.462%	\$352,948	\$20,982,965		
2037	4.461%	\$352,868	\$21,335,834		
2038	2.231%	\$176,474	\$21,512,308		
	100.00%	\$7,910,074			

**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Net Deferred Tax Reserve Proration on FY 2018 Incremental Capital Investment**

Line No.			(a) FY22	(b) FY23	
<b>Deferred Tax Subject to Proration</b>					
1	Book Depreciation	Page 2 of 29, Line 33, column (e) & (f)	\$728,751	\$728,751	
2	Bonus Depreciation		\$0	\$0	
3	Remaining MACRS Tax Depreciation	Page 3 of 29, Line 8, column, (d)	(\$451,903)	(\$418,047)	
4	FY18 tax (gain)/loss on retirements		\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$276,848	\$310,703	
6	Effective Tax Rate		21.00%	21.00%	
7	Deferred Tax Reserve	Line 5 * Line 6	\$58,138	\$65,248	
<b>Deferred Tax Not Subject to Proration</b>					
8	Capital Repairs Deduction				
9	Cost of Removal				
10	Book/Tax Depreciation Timing Difference at 3/31/2017				
11	Cumulative Book / Tax Timer				
12	Effective Tax Rate				
13	Deferred Tax Reserve				
14	Total Deferred Tax Reserve	Line 7 + Line 13	\$58,138	\$65,248	
15	Net Operating Loss				
16	Net Deferred Tax Reserve	Line 14 + Line 15	\$58,138	\$65,248	
<b>Allocation of FY 2018 Estimated Federal NOL</b>					
17	Cumulative Book/Tax Timer Subject to Proration				
18	Cumulative Book/Tax Timer Not Subject to Proration				
19	Total Cumulative Book/Tax Timer				
20	Total FY 2018 Federal NOL				
21	Allocated FY 2018 Federal NOL Not Subject to Proration				
22	Allocated FY 2018 Federal NOL Subject to Proration				
23	Effective Tax Rate				
24	Deferred Tax Benefit subject to proration				
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	\$58,138	\$65,248	
(j) (k) (l) (m)					
<b>Proration Calculation</b>					
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>	<u>FY22</u>	<u>FY23</u>
26	April	30	91.78%	\$4,447	\$4,990
27	May	31	83.29%	\$4,035	\$4,529
28	June	30	75.07%	\$3,637	\$4,082
29	July	31	66.58%	\$3,225	\$3,620
30	August	31	58.08%	\$2,814	\$3,158
31	September	30	49.86%	\$2,416	\$2,711
32	October	31	41.37%	\$2,004	\$2,249
33	November	30	33.15%	\$1,606	\$1,803
34	December	31	24.66%	\$1,195	\$1,341
35	January	31	16.16%	\$783	\$879
36	February	28	8.49%	\$411	\$462
37	March	31	0.00%	\$0	\$0
38	Total	365		\$26,574	\$29,823
39	Deferred Tax Without Proration	Line 25	\$58,138	\$65,248	
40	Average Deferred Tax without Proration	Line 25 * 50%	\$29,069	\$32,624	
41	Proration Adjustment	Line 38 - Line 40	(\$2,495)	(\$2,801)	

**Column Notes:**

- (a) Docket no. 4915, Revised section 5, Att. 1S, Page 4 of 19, Col (a)
- (k) Sum of remaining days in the year (Col (j)) ÷ 365
- (l) through (m) Current Year Line 25 ÷ 12 × Current Month Col (k)



**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
FY 2022 Revenue Requirement on FY 2019 Actual Incremental Capital Investment**

Line No.		Fiscal Year 2019 (a)	Fiscal Year 2020 (b)	Fiscal Year 2021 (c)	Fiscal Year 2022 (d)	Fiscal Year 2023 (e)
<u>Capital Investment Allowance</u>						
1	Non-Discretionary Capital	\$7,452,659		\$0	\$0	\$0
2	Discretionary Capital Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending				\$0	\$0
3	Total Allowed Capital Included in Rate Base (non-intangible)	\$32,939,435	\$0	\$0	\$0	\$0
<u>Depreciable Net Capital Included in Rate Base</u>						
4	Total Allowed Capital Included in Rate Base in Current Year	\$32,939,435	\$0	\$0	\$0	\$0
5	Retirements	(\$10,649,479)	\$0	\$0	\$0	\$0
6	Net Depreciable Capital Included in Rate Base	\$43,588,914	\$43,588,914	\$43,588,914	\$43,588,914	\$43,588,914
<u>Change in Net Capital Included in Rate Base</u>						
7	Capital Included in Rate Base	\$32,939,435	\$0	\$0	\$0	\$0
8	Depreciation Expense	\$0	\$0	\$0	\$0	\$0
9	Incremental Capital Amount	\$32,939,435	\$32,939,435	\$32,939,435	\$32,939,435	\$32,939,435
10	Cost of Removal	\$101,073				
11	<b>Total Net Plant in Service</b>	<b>\$33,040,508</b>	<b>\$33,040,508</b>	<b>\$33,040,508</b>	<b>\$33,040,508</b>	<b>\$33,040,508</b>
<u>Deferred Tax Calculation:</u>						
12	Composite Book Depreciation Rate	As approved per RIPUC Docket No. 4323 and Docket No. 4770	1/	3.26%	3.16%	3.16%
13	Vintage Year Tax Depreciation:					
14	2019 Spend	\$9,919,837	\$1,842,847	\$1,704,487	\$1,576,848	\$1,458,400
15	Cumulative Tax Depreciation	\$9,919,837	\$11,762,684	\$13,467,171	\$15,044,019	\$16,502,419
16	Book Depreciation	\$710,499	\$1,377,410	\$1,377,410	\$1,377,410	\$1,377,410
17	Cumulative Book Depreciation	\$710,499	\$2,087,909	\$3,465,319	\$4,842,728	\$6,220,138
18	Cumulative Book / Tax Timer	\$9,209,338	\$9,674,775	\$10,001,852	\$10,201,291	\$10,282,281
19	Effective Tax Rate	21.00%	21.00%	21.00%	21.00%	21.00%
20	Deferred Tax Reserve	\$1,933,961	\$2,031,703	\$2,100,389	\$2,142,271	\$2,159,279
21	Add: FY 2019 Federal NOL incremental utilization	\$991,622	\$991,622	\$991,622	\$991,622	\$991,622
22	Net Deferred Tax Reserve before Proration Adjustment	\$2,925,583	\$3,023,325	\$3,092,011	\$3,133,893	\$3,150,901
<u>Rate Base Calculation:</u>						
23	Cumulative Incremental Capital Included in Rate Base	\$33,040,508	\$33,040,508	\$33,040,508	\$33,040,508	\$33,040,508
24	Accumulated Depreciation	(\$710,499)	(\$2,087,909)	(\$3,465,319)	(\$4,842,728)	(\$6,220,138)
25	Deferred Tax Reserve	(\$2,925,583)	(\$3,023,325)	(\$3,092,011)	(\$3,133,893)	(\$3,150,901)
26	Year End Rate Base before Deferred Tax Proration	\$29,404,426	\$27,929,274	\$26,483,178	\$25,063,887	\$23,669,469
<u>Revenue Requirement Calculation:</u>						
27	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year Line 26 ÷ 2; Then = (Prior Year Line 26 + Current Year Line 26) ÷ 2			\$25,773,532	\$24,366,678
28	Proration Adjustment	Page 7 of 29, Line 41, Column (l) ~ (n)			(\$339)	(\$3,637)
29	Average ISR Rate Base after Deferred Tax Proration	\$25,773,194	\$24,365,635	\$23,391,167	\$21,930,250	\$20,633,041
30	Pre-Tax ROR	Page 28 of 29, Line 35			8.23%	8.23%
31	Return and Taxes	\$2,121,134	\$2,005,078	\$1,917,141	\$1,827,141	\$1,743,141
32	Book Depreciation	\$1,377,410	\$1,377,410	\$1,377,410	\$1,377,410	\$1,377,410
33	Annual Revenue Requirement	\$3,498,544	\$3,382,488	\$3,266,432	\$3,150,376	\$3,034,320
34	Revenue Requirement of Plant	\$3,498,544	\$3,382,488	\$3,266,432	\$3,150,376	\$3,034,320
35	Revenue Requirement of Intangible	\$617,127	\$582,768	\$548,408	\$513,048	\$477,600
36	<b>Revenue Requirement</b>	<b>\$4,115,671</b>	<b>\$3,965,256</b>	<b>\$3,814,840</b>	<b>\$3,663,424</b>	<b>\$3,511,920</b>

1/ 3.4%, Composite Book Depreciation Rate approved per RIPUC Docket No. 4323, in effect until Aug 31, 2018  
3.16%, Composite Book Depreciation Rate for ISR plant, approved per RIPUC Docket No. 4770, effective on Sep 1, 2018  
FY 19 Composite Book Depreciation Rate = 3.4% x 5 / 12 + 3.16% x 7 / 12

FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Tax Depreciation and Repairs Deduction on FY 2019 Incremental Capital Investments

Line No.		Fiscal Year 2019 (a)	(b)	(c)	(d)	(e)
	<u>Capital Repairs Deduction</u>					
1	Plant Additions	\$32,939,435	Page 5 of 29, Line 3			
2	Capital Repairs Deduction Rate	1/ 9.68%	Per Tax Department			
3	Capital Repairs Deduction	\$3,188,562	Line 1 * Line 2		\$25,527,737	Annual
	<u>Bonus Depreciation</u>					Cumulative
4	Plant Additions	\$32,939,435	Line 1		\$957,290	\$9,919,837
5	Plant Additions	\$0	Line 3		\$1,842,847	\$11,762,684
6	Less Capital Repairs Deduction	\$3,188,562	Line 3		\$1,704,487	\$13,467,171
7	Plant Additions Net of Capital Repairs Deduction	\$29,750,873	Line 4 + Line 5 - Line 6		\$1,576,848	\$15,044,019
8	Percent of Plant Eligible for Bonus Depreciation	100.00%	Per Tax Department		\$1,458,400	\$16,502,419
9	Plant Eligible for Bonus Depreciation	\$29,750,873	Line 7 * Line 8		\$1,349,141	\$17,851,560
10	Bonus Depreciation Rate	3.50%	1 * 11.65% * 30%		\$1,247,796	\$19,099,356
11	Bonus Depreciation Rate	10.70%	1 * 26.75% * 40%		\$1,154,364	\$20,253,720
12	Total Bonus Depreciation Rate	14.20%	Line 10 + Line 11		\$1,139,048	\$21,392,768
13	Bonus Depreciation	\$4,223,136	Line 9 * Line 12		\$1,138,792	\$22,531,560
	<u>Remaining Tax Depreciation</u>					
14	Plant Additions	\$32,939,435	Line 1		\$1,138,792	\$24,809,400
15	Less Capital Repairs Deduction	\$3,188,562	Line 3		\$1,139,048	\$25,948,447
16	Less Bonus Depreciation	\$4,223,136	Line 13		\$1,138,792	\$27,087,240
	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$25,527,737	Line 14 - Line 15 - Line 16		\$1,139,048	\$28,226,287
18	20 YR MACRS Tax Depreciation Rates	3.750%	Per IRS Publication 946		\$1,138,792	\$29,365,080
19	Remaining Tax Depreciation	\$957,290	Line 17 * Line 18		\$1,138,792	\$30,504,127
20	FY19 (Gain)/Loss incurred due to retirements	\$1,449,776	Per Tax Department		\$1,138,792	\$31,642,920
21	Cost of Removal	\$101,073	Page 5 of 29, Line 10		\$1,139,048	\$32,781,967
22	Total Tax Depreciation and Repairs Deduction	\$9,919,837	Sum of Lines 3, 13, 19, 20, and 21		\$1,138,792	\$33,920,760
					\$569,524	\$34,490,284
					100.00%	\$25,527,737

1/ Capital Repairs percentage is the actual result of FY 2019 tax return

2/ Percent of Plant Eligible for Bonus Depreciation is the actual result of FY 2019 tax return

3/ Actual Loss for FY 2019

**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Net Deferred Tax Reserve Proration on FY 2019 Incremental Capital Investment**

Line No.	Deferred Tax Subject to Proration	(a) FY22	(b) FY23
1	Book Depreciation	\$1,871,785	\$1,871,785
2	Bonus Depreciation	\$0	\$0
3	Remaining MACRS Tax Depreciation	(\$1,833,281)	(\$1,458,400)
4	FY 2019 tax (gain)/loss on retirements	\$0	\$0
5	Cumulative Book / Tax Timer	\$38,504	\$413,385
6	Effective Tax Rate	21.00%	21.00%
7	Deferred Tax Reserve	\$8,086	\$86,811
<b>Deferred Tax Not Subject to Proration</b>			
8	Capital Repairs Deduction		
9	Cost of Removal		
10	Book/Tax Depreciation Timing Difference at 3/31/2018		
11	Cumulative Book / Tax Timer		
12	Effective Tax Rate		
13	Deferred Tax Reserve		
14	Total Deferred Tax Reserve	\$8,086	\$86,811
15	Net Operating Loss	\$0	\$0
16	Net Deferred Tax Reserve	\$8,086	\$86,811
<b>Allocation of FY 2019 Estimated Federal NOL</b>			
17	Cumulative Book/Tax Timer Subject to Proration		
18	Cumulative Book/Tax Timer Not Subject to Proration		
19	Total Cumulative Book/Tax Timer		
20	Total FY 2019 Federal NOL		
21	Allocated FY 2019 Federal NOL Not Subject to Proration		
22	Allocated FY 2019 Federal NOL Subject to Proration		
23	Effective Tax Rate		
24	Deferred Tax Benefit subject to proration		
25	Net Deferred Tax Reserve subject to proration	\$8,086	\$86,811
<b>Proration Calculation</b>			
	(j) <u>Number of Days in Month</u>	(k) <u>Proration Percentage</u>	(l) <u>FY22</u>
			(m) <u>FY23</u>
26	April	30	91.80%
27	May	31	83.33%
28	June	30	75.14%
29	July	31	66.67%
30	August	31	58.20%
31	September	30	50.00%
32	October	31	41.53%
33	November	30	33.33%
34	December	31	24.86%
35	January	31	16.39%
36	February	29	8.47%
37	March	31	0.00%
38	Total	366	0.00%
			\$0
			\$0
			\$3,704
			\$39,769
39	Deferred Tax Without Proration	\$8,086	\$86,811
40	Average Deferred Tax without Proration	\$4,043	\$43,405
41	Proration Adjustment	(\$339)	(\$3,637)

**Column Notes:**

- (k) Sum of remaining days in the year (Col (j)) ÷ 365
- (l) Current Year Line ÷ 12 × Current Month Col (k)

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
FY 2020 Revenue Requirement on FY 2019 Intangible Investment

Line No.	Capital Investment	Reference	FY 19 Total	FY 20 Total	FY 21 Total	FY 22 Total	FY 23 Total
1	Start of Rev. Req. Period	(a)		(b)	(c)	(d)	(e)
2	End of Rev. Req. Period		09/01/18	04/01/19	04/01/20	04/01/21	04/01/22
			03/31/19	03/31/20	03/31/21	03/31/22	03/31/23
3	Investment Name	Per Company's Book					
4	Work Order	Per Company's Book					
5	Total Spend		\$3,460,626	\$3,460,626	\$3,460,626	\$3,460,626	\$3,460,626
6	In Service Date	Per Company's Book					
7	Book Amortization Period	Line 5 ÷ Line 7 × month to Year End, 2019, 2020,					
8	Beginning Book Balance	2021	\$3,378,230	\$3,089,845	\$2,595,470	\$2,101,094	\$1,606,719
9	Ending Book Balance	Line 5 ÷ Line 7 × month to Year End, 2020, 2021,					
10	Average Book Balance	2022	\$3,089,845	\$2,595,470	\$2,101,094	\$1,606,719	\$1,112,344
		(Line 8 + Line 9) ÷ 2	\$3,234,038	\$2,842,657	\$2,348,282	\$1,853,907	\$1,359,532
11	Tax Amortization Period	Page 9 of 29					
12	Tax Expensing	Per Tax Department	\$0	\$0	\$0	\$0	\$0
13	Tax Bonus Rate	Per Tax Department	\$0	\$0	\$0	\$0	\$0
14	Bonus Depreciation	Year 1 = (L. 5 - L. 12) × L. 13, Then = 0					
		(L. 5 - L. 12 - L. 14) × (Y1 × 0; Y2 × 33.33%; Y3 ×					
		72.78%; Y4 × 92.59%; Y5 × 100%)	\$1,153,427	\$1,153,427	\$2,691,675	\$3,204,194	\$3,460,626
15	Beginning Acc. Tax Balance	(L. 5 - L. 12 - L. 14) × (Y1 × 33.33%; Y2 × 77.78%;					
		Y3 × 92.59%; Y4 × 100%)	\$1,153,427	\$2,691,675	\$3,204,194	\$3,460,626	\$3,460,626
16	Ending Acc. Tax Balance	Y3 × 92.59%; Y4 × 100%)	\$1,153,427	\$1,922,551	\$2,947,934	\$3,332,410	\$3,460,626
17	Average Acc. Tax Balance	(Line 15 + Line 16) ÷ 2					
18	Beginning Acc. Dep. Balance	Line 5 - Line 8	\$82,396	\$370,781	\$865,157	\$1,359,532	\$1,853,907
19	Ending Acc. Dep. Balance	Line 5 - Line 9	\$370,781	\$865,157	\$1,359,532	\$1,853,907	\$2,348,282
20	Average Acc. Dep. Balance	(Line 18 + Line 19) ÷ 2	\$226,589	\$617,969	\$1,112,344	\$1,606,719	\$2,101,094
21	Average Book / Tax Turner	Line 17 - Line 20	\$926,838	\$1,304,582	\$1,835,590	\$1,725,691	\$1,359,532
22	Effective Tax Rate						
23	Deferred Tax Reserve	Line 21 × Line 22	\$194,636	\$273,962	\$385,474	\$362,395	\$285,502
	Rate Base Calculation:						
24	Average Book Balance	Line 10	\$3,234,038	\$2,842,657	\$2,348,282	\$1,853,907	\$1,359,532
25	Deferred Tax Reserve	Line 23	\$194,636	\$273,962	\$385,474	\$362,395	\$285,502
26	Average Rate Base	Line 24 - Line 25	\$3,039,402	\$2,568,695	\$1,962,808	\$1,491,512	\$1,074,030
	Revenue Requirement Calculation:						
27	Pre-Tax ROR	year 1 = Page 28 of 29, Line 27, column (e) × 7 ÷ 12					
28	Return and Taxes	Then = Page 28 of 29, Line 27(e)	\$145,917	\$211,404	\$161,539	\$122,751	\$88,393
29	Book Depreciation	Line 26 × Line 27	\$288,386	\$494,375	\$494,375	\$494,375	\$494,375
30	Annual Revenue Requirement	Line 9 - Line 8	\$434,302	\$705,779	\$655,914	\$617,127	\$582,768
		Line 28 + Line 29					

**The Narragansett Electric Company**  
**d/b/a National Grid**  
**FY 2022 Electric ISR Revenue Requirement Plan**  
**MACRS Tables For Information Systems**

Line No.	Annual Rate			Monthly Cumulative Rate			Additional Info
	Year	Rate	Cumulative Rate	Year	Period	Cumulative Rate	
1	Yr 1	33.33%	33.33%	1	1	33.33%	2.78% Yr 1 - Monthly rate
2	Yr 2	44.45%	77.78%	1	2	33.33%	
3	Yr 3	14.81%	92.59%	1	3	33.33%	
4	Net Salvage Value	7.41%	100.00%	1	4	33.33%	
11				1	11	33.33%	
12				1	12	33.33%	
13				2	13	77.78%	3.70% Yr 2 - Monthly rate
25				3	25	92.59%	1.23% Yr 3 - Monthly rate
36				3	36	92.59%	0.62% Yr 3 - Monthly rate
48				4	48	100.00%	
60				5	60	100.00%	
72				6	72	100.00%	
84				7	84	100.00%	
96				8	96	100.00%	
108				9	108	100.00%	
120				10	120	100.00%	
132				11	132	100.00%	
144				12	144	100.00%	
156				13	156	100.00%	
168				14	168	100.00%	
180				15	180	100.00%	
192				16	192	100.00%	
204				17	204	100.00%	
216				18	216	100.00%	
228				19	228	100.00%	
240				20	240	100.00%	
252				21	252	100.00%	
264				22	264	100.00%	
276				23	276	100.00%	
288				24	288	100.00%	
300				25	300	100.00%	

**The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
FY 2022 Revenue Requirement on FY 2020 Actual Incremental Capital Investment**

Line No.			Fiscal Year 2020 (a)	Fiscal Year 2021 (b)	Fiscal Year 2022 (c)	Fiscal Year 2023 (d)
<b>Capital Investment Allowance</b>						
1	Non-Discretionary Capital	Page do not print of 29, Line 1	\$34,127,476	\$0	\$0	\$0
2	Less: Transformer & Related Equipment disallowance	Attachment PCE-1, Table 5	(\$1,641,674)			
3	Adjusted Non-Discretionary Capital	Line 1+Line 2	<u>\$32,485,802</u>			
<b>Discretionary Capital</b>						
4	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Page do not print of 29, Line 13	<u>\$39,597,335</u>	\$0	\$0	\$0
5	Total Allowed Capital Included in Rate Base	Line 3+Line 4	\$72,083,137	\$0	\$0	\$0
<b>Depreciable Net Capital Included in Rate Base</b>						
6	Total Allowed Capital Included in Rate Base in Current Year	Line 5	\$72,083,137	\$0	\$0	\$0
7	Retirements	Page 21 of 29, Line 10, Col (c)	\$4,015,632	\$0	\$0	\$0
8	Net Depreciable Capital Included in Rate Base	Year 1 = Line 6 - Line 7; Then = Prior Year Line 8	<u>\$68,067,505</u>	<u>\$68,067,505</u>	<u>\$68,067,505</u>	<u>\$68,067,505</u>
<b>Change in Net Capital Included in Rate Base</b>						
9	Capital Included in Rate Base	Line 5	\$72,083,137	\$0	\$0	\$0
10	Depreciation Expense	Page 25 of 29, Line 41, Col (d) × 7 ÷ 12	<u>\$29,112,370</u>	\$0	\$0	\$0
11	Incremental Capital Amount	Year 1 = Line 9 - Line 10; then = Prior Year Line 11	<u>\$42,970,767</u>	<u>\$42,970,767</u>	<u>\$42,970,767</u>	<u>\$42,970,767</u>
12	Cost of Removal	Page 21 of 29, Line 7, Col (c)	\$10,949,557			
13	<b>Total Net Plant in Service</b>	Year 1 = Line 11 + Line 12, Then = Prior year	<u>\$53,920,323</u>	<u>\$53,920,323</u>	<u>\$53,920,323</u>	<u>\$53,920,323</u>
<b>Deferred Tax Calculation:</b>						
14	Composite Book Depreciation Rate	Page 23 of 29, Line 3, Col (c)	1/ 3.16%	3.16%	3.16%	3.16%
15	Vintage Year Tax Depreciation:					
16	2020 Spend	Year 1 = Page 11 of 29, Line 22	\$23,811,948	\$4,602,526	\$4,256,970	\$3,938,192
17	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14	<u>\$23,811,948</u>	<u>\$28,414,474</u>	<u>\$32,671,444</u>	<u>\$36,609,635</u>
18	Book Depreciation	Year 1 = Line 6 * Line 12 * 50%; Then = Line 6 * Line 12	\$1,075,467	\$2,150,933	\$2,150,933	\$2,150,933
19	Cumulative Book Depreciation	Year 1 = Line 16; Then = Prior Year Line 17 + Current Year Line 16	<u>\$1,075,467</u>	<u>\$3,226,400</u>	<u>\$5,377,333</u>	<u>\$7,528,266</u>
20	Cumulative Book / Tax Timer	Line 17 - Line 19	<u>\$22,736,481</u>	<u>\$25,188,074</u>	<u>\$27,294,111</u>	<u>\$29,081,369</u>
21	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	<u>\$4,774,661</u>	<u>\$5,289,496</u>	<u>\$5,731,763</u>	<u>\$6,107,088</u>
23	Add: FY 2020 Federal NOL Utilization	Page 21 of 29, Line 15, Col (c)	(\$1,462,980)	(\$1,462,980)	(\$1,462,980)	(\$1,462,980)
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	<u>\$3,311,681</u>	<u>\$3,826,515</u>	<u>\$4,268,783</u>	<u>\$4,644,107</u>
<b>Rate Base Calculation:</b>						
25	Cumulative Incremental Capital Included in Rate Base	Line 13	\$53,920,323	\$53,920,323	\$53,920,323	\$53,920,323
26	Accumulated Depreciation	-Line 19	(\$1,075,467)	(\$3,226,400)	(\$5,377,333)	(\$7,528,266)
27	Deferred Tax Reserve	-Line 24	(\$3,311,681)	(\$3,826,515)	(\$4,268,783)	(\$4,644,107)
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	<u>\$49,533,176</u>	<u>\$46,867,408</u>	<u>\$44,274,208</u>	<u>\$41,747,950</u>
<b>Revenue Requirement Calculation:</b>						
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year Line 28 * Page 13 of 29, Line 16, Col(c); Then =(Prior Year Line 28 + Current Year Line 28) ÷ 2			\$45,570,808	\$43,011,079
30	Proration Adjustment	Page 12 of 29, Line 41, Column (f)			<u>\$18,529</u>	<u>\$15,724</u>
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31			<u>\$45,589,337</u>	<u>\$43,026,803</u>
32	Pre-Tax ROR	Page 28 of 29, Line 35			8.23%	8.23%
33	Return and Taxes	Line 31 * Line 32			<u>\$3,752,002</u>	<u>\$3,541,106</u>
34	Book Depreciation	Line 18			<u>\$2,150,933</u>	<u>\$2,150,933</u>
35	<b>Annual Revenue Requirement</b>	Line 33 + Line 34	N/A	N/A	<u>\$5,902,936</u>	<u>\$5,692,039</u>

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 23 of 29, Line 3, Col (c))

The Narragansett Electric Company  
d/b/a National Grid

Electric Infrastructure, Safety, and Reliability (ISR) Plan

Calculation of Tax Depreciation and Repairs Deduction on FY 2020 Incremental Capital Investments

Line No.		Fiscal Year 2020 (a)	(b)	(c)	(d)	(e)
1	<u>Capital Repairs Deduction</u>					
2	Plant Additions	\$72,083,137				
3	Capital Repairs Deduction Rate	1/ 8.51%				
4	Capital Repairs Deduction	\$6,134,275			\$63,755,733	
5	<u>Bonus Depreciation</u>					
6	Plant Additions	\$72,083,137				
7	Plant Additions	\$0				
8	Less Capital Repairs Deduction	\$6,134,275				
9	Plant Additions Net of Capital Repairs Deduction	\$65,948,862				
10	Percent of Plant Eligible for Bonus Depreciation	100.00%				
11	Plant Eligible for Bonus Depreciation	\$65,948,862				
12	Bonus Depreciation Rate 30%, up to December 31, 2019	3.33%				
13	Bonus Depreciation Rate 0%, after December 31, 2019	0.00%				
14	Total Bonus Depreciation Rate	3.33%				
15	Bonus Depreciation	\$2,193,129				
16	<u>Remaining Tax Depreciation</u>					
17	Plant Additions	\$72,083,137				
18	Less Capital Repairs Deduction	\$6,134,275				
19	Less Bonus Depreciation	\$2,193,129				
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$63,755,733				
21	20 YR MACRS Tax Depreciation Rates	3.750%				
22	Remaining Tax Depreciation	\$2,390,840				
23	FY20 Loss incurred due to retirements					
24	Cost of Removal	\$2,144,147				
25		\$10,949,557				
26	Total Tax Depreciation and Repairs Deduction	\$23,811,948				

20 Year MACRS Depreciation		Line 17	Annual	Cumulative
MACRS basis:				
Fiscal Year				
2020	3.750%	\$2,390,840	\$2,390,840	\$23,811,948
2021	7.219%	\$4,602,526	\$4,602,526	\$28,414,474
2022	6.677%	\$4,256,970	\$4,256,970	\$32,671,444
2023	6.177%	\$3,938,192	\$3,938,192	\$36,609,636
2024	5.713%	\$3,642,365	\$3,642,365	\$40,252,001
2025	5.285%	\$3,369,490	\$3,369,490	\$43,621,491
2026	4.888%	\$3,116,380	\$3,116,380	\$46,737,872
2027	4.522%	\$2,883,034	\$2,883,034	\$49,620,906
2028	4.462%	\$2,844,781	\$2,844,781	\$52,465,687
2029	4.461%	\$2,844,143	\$2,844,143	\$55,309,830
2030	4.462%	\$2,844,781	\$2,844,781	\$58,154,611
2031	4.461%	\$2,844,143	\$2,844,143	\$60,998,754
2032	4.462%	\$2,844,781	\$2,844,781	\$63,843,535
2033	4.461%	\$2,844,143	\$2,844,143	\$66,687,678
2034	4.462%	\$2,844,781	\$2,844,781	\$69,532,459
2035	4.461%	\$2,844,143	\$2,844,143	\$72,376,602
2036	4.462%	\$2,844,781	\$2,844,781	\$75,221,383
2037	4.461%	\$2,844,143	\$2,844,143	\$78,065,526
2038	4.462%	\$2,844,781	\$2,844,781	\$80,910,307
2039	4.461%	\$2,844,143	\$2,844,143	\$83,754,450
2040	2.231%	\$1,422,390	\$1,422,390	\$85,176,840
	100.00%	\$63,755,733	\$63,755,733	

1/ Per Tax Department  
2/ Per Tax Department  
3/ Per Tax Department

**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Net Deferred Tax Reserve Proration on FY 2020 Incremental Capital Investment**

Line No.	Deferred Tax Subject to Proration		(a) <u>FY22</u>	(b) <u>FY23</u>
1	Book Depreciation	Page 10 of 29, Line 18, column (c) & (d)	\$2,150,933	\$2,150,933
2	Bonus Depreciation		\$0	\$0
3	Remaining MACRS Tax Depreciation	Page 11 of 29, Line 6 and Line 7, col (d)	(\$4,256,970)	(\$3,938,192)
4	FY 2020 tax (gain)/loss on retirements			
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$2,106,037)	(\$1,787,258)
6	Effective Tax Rate		21.00%	21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$442,268)	(\$375,324)
<b>Deferred Tax Not Subject to Proration</b>				
8	Capital Repairs Deduction			
9	Cost of Removal			
10	Book/Tax Depreciation Timing Difference at 3/31/2020		\$0	
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	\$0	
12	Effective Tax Rate		21.00%	
13	Deferred Tax Reserve	Line 11 * Line 12		
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$442,267.80)	(\$375,324)
15	Net Operating Loss		\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$442,268)	(\$375,324)
<b>Allocation of FY 2021 Estimated Federal NOL</b>				
17	Cumulative Book/Tax Timer Subject to Proration	Col (a) = Line 5		
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11		
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		
20	Total FY 2020 Federal NOL (Utilization)	Docket No. 4915, R. S. 5, Att. 1S, P 10 of 19, Col (a)		
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20		
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20		
23	Effective Tax Rate			
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23		
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$442,268)	(\$375,324)
		(j)	(k)	(l)
			(m)	
	<b>Proration Calculation</b>	<u>Number of Days in Month</u>	<u>Proration Percentage</u>	
26	April	30	91.80%	(\$33,835)
27	May	31	83.33%	(\$30,713)
28	June	30	75.14%	(\$27,692)
29	July	31	66.67%	(\$24,570)
30	August	31	58.20%	(\$21,449)
31	September	30	50.00%	(\$18,428)
32	October	31	41.53%	(\$15,306)
33	November	30	33.33%	(\$12,285)
34	December	31	24.86%	(\$9,164)
35	January	31	16.39%	(\$6,042)
36	February	29	8.47%	(\$3,122)
37	March	31	0.00%	\$0
38	Total	366		(\$202,605)
39	Deferred Tax Without Proration	Line 25	(\$442,268)	(\$375,324)
40	Average Deferred Tax without Proration	Year 1=Line 39 * Page 13 of 29, Line 16, Col (e); then = Line 39 * 50%	(\$221,134)	(\$187,662)
41	Proration Adjustment	Line 38 - Line 40	\$18,529	\$15,724

**Column Notes:**

- (k) Sum of remaining days in the year (Col (j)) = 365
- (l) Docket No. 4915, R. S. 5, Att. 1S, P 10 of 19, Col (l)



The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
ISR Additions April 2019 through March 2020

<u>Line No.</u>	<u>Month No.</u>	<u>Month</u>	<u>FY 2021 Plant Additions</u> (a)	<u>In Rates</u> (b)	<u>Not In Rates</u> (c) = (a) - (b)	<u>Weight for Days</u> (d)	<u>Weighted Average</u> (e) = (d) * (c)	<u>Weight for Not in Rates</u> (f)=(c)/Total(c)
1								
2	1	Apr-19	9,207,833	6,236,917	2,970,917	0.958	2,847,128	3.75%
3	2	May-19	9,207,833	6,236,917	2,970,917	0.875	2,599,552	3.75%
4	3	Jun-19	9,207,833	6,236,917	2,970,917	0.792	2,351,976	3.75%
5	4	Jul-19	9,207,833	6,236,917	2,970,917	0.708	2,104,399	3.75%
6	5	Aug-19	9,207,833	6,236,917	2,970,917	0.625	1,856,823	3.75%
7	6	Sep-19	9,207,833	-	9,207,833	0.542	4,987,576	11.61%
8	7	Oct-19	9,207,833	-	9,207,833	0.458	4,220,257	11.61%
9	8	Nov-19	9,207,833	-	9,207,833	0.375	3,452,938	11.61%
10	9	Dec-19	9,207,833	-	9,207,833	0.292	2,685,618	11.61%
11	10	Jan-20	9,207,833	-	9,207,833	0.208	1,918,299	11.61%
12	11	Feb-20	9,207,833	-	9,207,833	0.125	1,150,979	11.61%
13	12	Mar-20	9,207,833	-	9,207,833	0.042	383,660	11.61%
14		Total	\$110,494,000	\$31,184,583	\$79,309,417		\$30,559,205	100.00%
15		<b>Total September 2020 through March 2021</b>			<b>\$ 64,454,833</b>			
16		<b>FY2021 Weighted Average Incremental Rate Base Percentage</b>					<b>38.53%</b>	

Column (a)=Page 21 of 29, Line 1(c)  
Column(b)=Page 21 of 29, Line 2(c)  
Line 15 = sum of Line 7(c) through Line 13(c)  
Line 16 = Line 14(f)/Line 14(c)

The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
FY 2022 Revenue Requirement on FY 2021 Forecasted Incremental Capital Investment

Line No.		Fiscal Year 2021 (a)	Fiscal Year 2022 (b)	Fiscal Year 2023 (c)
	<u>Capital Investment Allowance</u>			
1	Non-Discretionary Capital	\$33,545,000		
2	Discretionary Capital			
	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending (non-intangible)			
3	Total Allowed Capital Included in Rate Base (non-intangible)	\$75,949,000	\$0	\$0
4	Depreciable Net Capital Included in Rate Base	\$109,494,000	\$0	\$0
5	Total Allowed Capital Included in Rate Base in Current Year Retirements	\$109,494,000	\$0	\$0
6	Net Depreciable Capital Included in Rate Base	\$20,282,977	\$0	\$0
	Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$89,211,023	\$89,211,023	\$89,211,023
7	Change in Net Capital Included in Rate Base			
	Capital Included in Rate Base	\$109,494,000	\$0	\$0
8	Depreciation Expense	\$49,906,920		\$0
9	Incremental Capital Amount	\$59,587,080	\$59,587,080	\$59,587,080
10	Cost of Removal	\$11,494,600	\$11,494,600	\$11,494,600
11	<b>Total Net Plant in Service</b>	<b>\$71,081,680</b>	<b>\$71,081,680</b>	<b>\$71,081,680</b>
12	Deferred Tax Calculation:			
13	Composite Book Depreciation Rate	3.16%	3.16%	3.16%
14	Vintage Year Tax Depreciation:			
15	2021 Spend	\$27,034,837	\$7,068,880	\$6,538,151
16	Cumulative Tax Depreciation	\$27,034,837	\$34,103,717	\$40,641,868
17	Book Depreciation	\$1,409,534	\$2,819,068	\$2,819,068
18	Cumulative Book Depreciation	\$1,409,534	\$4,228,602	\$7,047,671
19	Cumulative Book / Tax Timer	\$25,625,303	\$29,875,115	\$33,594,197
20	Effective Tax Rate	21.00%	21.00%	21.00%
21	Deferred Tax Reserve	\$5,381,314	\$6,273,774	\$7,054,781
22	Add: FY 2021 Federal (NOL) Utilization	(\$6,764,379)	(\$6,764,379)	(\$6,764,379)
	Net Deferred Tax Reserve before Proration Adjustment	(\$1,383,066)	(\$490,605)	\$290,402
23	Rate Base Calculation:			
24	Cumulative Incremental Capital Included in Rate Base	\$71,081,680	\$71,081,680	\$71,081,680
25	Accumulated Depreciation	(\$1,409,534)	(\$4,228,602)	(\$7,047,671)
26	Deferred Tax Reserve	\$1,383,066	\$490,605	(\$290,402)
	Year End Rate Base before Deferred Tax Prorator	\$71,055,211	\$67,343,682	\$63,743,607
	<u>Revenue Requirement Calculation:</u>			
27	Average Rate Base before Deferred Tax Proration Adjustment			
28	Proration Adjustment	\$69,199,447	\$41,025	\$65,543,644
29	Average ISR Rate Base after Deferred Tax Proration	\$69,240,472	\$65,577,214	\$33,570
30	Pre-Tax ROR	8.23%	8.23%	8.23%
31	Return and Taxes	\$5,698,491	\$5,397,005	\$5,397,005
32	Book Depreciation	\$2,819,068	\$2,819,068	\$2,819,068
33	Revenue Requirement of Intangible Assets	\$206,267		\$191,858
34	<b>Annual Revenue Requirement</b>	<b>N/A</b>	<b>\$8,723,827</b>	<b>\$8,407,931</b>

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 23 of 29, Line 3, Col (e))

The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
Calculation of Tax Depreciation and Repairs Deduction on FY 2021 Incremental Capital Investments

Line No.		Fiscal Year 2021 (a)	(b)	(c)	(d)	(e)
1	Capital Repairs Deduction					
2	Plant Additions	\$109,494,000				
3	Capital Repairs Deduction Rate	1/				
4	Capital Repairs Deduction	\$11,573,516				
5	Bonus Depreciation					
6	Plant Additions	\$109,494,000				
7	Plant Additions	\$0				
8	Less Capital Repairs Deduction	\$11,573,516				
9	Plant Additions Net of Capital Repairs Deduction	\$97,920,484				
10	Percent of Plant Eligible for Bonus Depreciation	0.00%				
11	Plant Eligible for Bonus Depreciation	\$0				
12	Bonus Depreciation Rate	0.00%				
13	Bonus Depreciation Rate	0.00%				
14	Total Bonus Depreciation	\$0				
15	Remaining Tax Depreciation					
16	Plant Additions	\$109,494,000				
17	Less Capital Repairs Deduction	\$11,573,516				
18	Less Bonus Depreciation	\$0				
19	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$97,920,484				
20	20 YR MACRS Tax Depreciation Rates	3.750%				
21	Remaining Tax Depreciation	\$3,672,018				
22	FY21 (Gain)/Loss incurred due to retirements	\$294,703				
23	Cost of Removal	\$11,494,600				
24	Total Tax Depreciation and Repairs Deduction	\$27,034,837				

MACRS basis:	Line 17	Annual	Cumulative
2021	3.750%	\$3,672,018	\$27,034,837
2022	7.219%	\$7,068,880	\$34,103,717
2023	6.677%	\$6,538,151	\$40,641,867
2024	6.177%	\$6,048,548	\$46,690,416
2025	5.713%	\$5,594,197	\$52,284,613
2026	5.285%	\$5,175,098	\$57,459,711
2027	4.888%	\$4,786,353	\$62,246,064
2028	4.522%	\$4,427,964	\$66,674,028
2029	4.462%	\$4,369,212	\$71,043,240
2030	4.461%	\$4,368,233	\$75,411,473
2031	4.462%	\$4,369,212	\$79,780,685
2032	4.461%	\$4,368,233	\$84,148,918
2033	4.462%	\$4,369,212	\$88,518,130
2034	4.461%	\$4,368,233	\$92,886,362
2035	4.462%	\$4,369,212	\$97,255,574
2036	4.461%	\$4,368,233	\$101,623,807
2037	4.462%	\$4,369,212	\$105,993,019
2038	4.461%	\$4,368,233	\$110,361,252
2039	4.462%	\$4,369,212	\$114,730,464
2040	4.461%	\$4,368,233	\$119,098,697
2041	2.231%	\$2,184,606	\$121,283,303
	100.00%	\$97,920,484	

1/ Per Tax Department  
2/ Per Tax Department

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
FY 2022 Revenue Requirement on FY 2021 Intangible Investment

Line No.	Reference	FY 21 (a)	FY 22 (b)	FY 23 (c)
<u>Capital Investment</u>				
1	Start of Rev. Req. Period	04/01/20	04/01/21	04/01/22
2	End of Rev. Req. Period	03/31/21	03/31/22	03/31/23
3	Investment Name	Volt-Var	Volt-Var	Volt-Var
4	Work Order	Optimization IS	Optimization IS	Optimization IS
5	Total Spend	\$1,000,000	\$1,000,000	\$1,000,000
6	In Service Date	09/30/20	09/30/20	09/30/20
7	Book Amortization Period	84	84	84
8	Beginning Book Balance	\$0	\$928,571	\$785,714
9	Ending Book Balance	\$928,571	\$785,714	\$642,857
10	Average Book Balance	\$464,286	\$857,143	\$714,286
<u>Deferred Tax Calculation:</u>				
11	Tax Amortization Period	36	36	36
12	Tax Expensing	\$0	\$0	\$0
13	Tax Bonus Rate	0%	0%	0%
14	Bonus Depreciation	\$0	\$0	\$0
15	Beginning Acc. Tax Balance	\$0	\$333,300	\$777,800
16	Ending Acc. Tax Balance	\$333,300	\$777,800	\$925,900
17	Average Acc. Tax Balance	\$166,650	\$555,550	\$851,850
18	Beginning Acc. Dep. Balance	\$0	\$71,429	\$214,286
19	Ending Acc. Dep. Balance	\$71,429	\$214,286	\$357,143
20	Average Acc. Dep. Balance	\$35,714	\$142,857	\$285,714
21	Average Book / Tax Timer	\$130,936	\$412,693	\$566,136
22	Effective Tax Rate	21%	21%	21%
23	Deferred Tax Reserve	\$27,497	\$86,666	\$118,889
<u>Rate Base Calculation:</u>				
24	Average Book Balance	\$464,286	\$857,143	\$714,286
25	Deferred Tax Reserve	\$27,497	\$86,666	\$118,889
26	Average Rate Base	\$436,789	\$770,477	\$595,397
<u>Revenue Requirement Calculation:</u>				
27	Pre-Tax ROR	8.23%	8.23%	8.23%
28	Return and Taxes	\$35,948	\$63,410	\$49,001
29	Book Depreciation	\$71,429	\$142,857	\$142,857
30	Annual Revenue Requirement	\$107,376	\$206,267	\$191,858

year 1 = Page 28 of 29, Line 27, column (e) × 7 ÷ 12 Then = Page 28 of 29, Line 27(c)  
Line 26 × Line 27  
Line 9 - Line 8  
Line 28 + Line 29

**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Net Deferred Tax Reserve Proration on FY 2021 Incremental Capital Investment**

Line No.	Deferred Tax Subject to Proration		(a) FY22	(b) FY23
		Page 14 of 29, Line 16 + (Page 16 of 29, Line 19- Line 18)		
1	Book Depreciation		\$2,961,925	\$2,961,925
2	Bonus Depreciation		\$0	\$0
3	Remaining MACRS Tax Depreciation	- Page 15 of 29, column (d) - (Page 16 of 29, Line 16- Line 15)	(\$7,513,380)	(\$6,686,251)
4	FY 2021 tax (gain)/loss on retirements			
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$4,551,454)	(\$3,724,325)
6	Effective Tax Rate		21.00%	21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$955,805)	(\$782,108)
	<b>Deferred Tax Not Subject to Proration</b>			
8	Capital Repairs Deduction	- Page 15 of 29, Line 3		
9	Cost of Removal	- Page 15 of 29, Line 21		
10	Book/Tax Depreciation Timing Difference at 3/31/2021			
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10		
12	Effective Tax Rate			
13	Deferred Tax Reserve	Line 11 * Line 12		
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$955,805)	(\$782,108)
15	Net Operating Loss	- Page 14 of 29, Line 21	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$955,805)	(\$782,108)
	<b>Allocation of FY 2020 Estimated Federal NOL</b>			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5		
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11		
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		
20	Total FY 2021 Federal NOL (Utilization)	- Page 14 of 29, Line 21 / 21%		
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20		
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20		
23	Effective Tax Rate			
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23		
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$955,805)	(\$782,108)
	<b>Proration Calculation</b>			
		(j) <u>Number of Days in</u> <u>Month</u>	(k) <u>Proration Percentage</u>	
26	April	30	91.78%	(\$73,104)
27	May	31	83.29%	(\$66,339)
28	June	30	75.07%	(\$59,792)
29	July	31	66.58%	(\$53,028)
30	August	31	58.08%	(\$46,263)
31	September	30	49.86%	(\$39,716)
32	October	31	41.37%	(\$32,951)
33	November	30	33.15%	(\$26,405)
34	December	31	24.66%	(\$19,640)
35	January	31	16.16%	(\$12,875)
36	February	28	8.49%	(\$6,765)
37	March	31	0.00%	\$0
38	Total	365		(\$436,877)
39	Deferred Tax Without Proration	Line 25	(\$955,805)	(\$782,108)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$477,903)	(\$391,054)
41	Proration Adjustment	Line 38 - Line 40	\$41,025	\$33,570

**Column Notes:**

- (k) Sum of remaining days in the year (Col (j)) ÷ 365  
(l) & (m) Current Year Line 25 ÷ 12 × Current Month Col (k)

The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
FY 2022 Revenue Requirement on FY 2022 Forecasted Incremental Capital Investment

Line No.		Fiscal Year 2022 (a)	Fiscal Year 2023 (b)
	<u>Capital Investment Allowance</u>		
1	Non-Discretionary Capital Page 29 of 29, Line 1	\$40,668,000	
2	Discretionary Capital Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending (non-intangible) Page 29 of 29, Line 13	\$57,819,000	\$0
3	Total Allowed Capital Included in Rate Base (non-intangible) Page 21 of 29, Line 4(e)	\$98,487,000	\$0
4	Depreciable Net Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Line 3	\$98,487,000	\$0
5	Retirements Page 21 of 29, Line 10, Col (e)	\$13,119,472	\$0
6	Net Depreciable Capital Included in Rate Base Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$85,367,528	\$85,367,528
7	Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 3	\$98,487,000	\$0
8	Depreciation Expense Page 25 of 29, Line 62, Col (d)	\$49,906,920	
9	Incremental Capital Amount Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$48,580,080	\$48,580,080
10	Cost of Removal Page 21 of 29, Line 7, Col (e)	\$14,514,417	\$14,514,417
11	<b>Total Net Plant in Service</b> <b>Line 9 + Line 10</b>	<b>\$63,094,496</b>	<b>\$63,094,496</b>
12	Deferred Tax Calculation: Composite Book Depreciation Rate Page 23 of 29, Line 3, Col (e)	1/	3.16%
13	Vintage Year Tax Depreciation: Year 1 = Page 19 of 29, Line 21, Column (a), Then = Line Page 19 of 29, Column (d)	\$28,418,774	\$6,504,735
14	2022 Spend Prior Year Line 15 + Current Year Line 14	\$28,418,774	\$34,923,509
15	Cumulative Tax Depreciation		
16	Book Depreciation Year 1 = Line 6 * Line 12 * 50%; Then = Line 6 * Line 12 Prior Year Line 17 + Current Year Line 16	\$1,348,807	\$2,697,614
17	Cumulative Book Depreciation	\$1,348,807	\$4,046,421
18	Cumulative Book / Tax Timer Line 15 - Line 17	\$27,069,967	\$30,877,088
19	Effective Tax Rate 21.00%		
20	Deferred Tax Reserve Line 18 * Line 19	\$5,684,693	\$6,484,188
21	Add: FY 2022 Federal (NOL) Utilization Page 21 of 29, Line 15, Col (e)	\$1,703,802	\$1,703,802
22	Net Deferred Tax Reserve before Proration Adjustment Sum of Lines 20 through 21	\$7,388,495	\$8,187,991
23	Rate Base Calculation: Cumulative Incremental Capital Included in Rate Base Line 11	\$63,094,496	\$63,094,496
24	Accumulated Depreciation -Line 17	(\$1,348,807)	(\$4,046,421)
25	Deferred Tax Reserve -Line 22	(\$7,388,495)	(\$8,187,991)
26	Year End Rate Base before Deferred Tax Prorator Sum of Lines 23 through 25	\$54,357,194	\$50,860,085
27	Revenue Requirement Calculation: Average Rate Base before Deferred Tax Proration Adjustment Year 1 = Current Year, Line 26 * 50%; Then = (Prior Year Line 26 + Current Year Line 26) * 2	\$27,178,597	\$52,608,639
28	Proration Adjustment Page 20 of 29, Line 41	\$48,903	\$34,316
29	Average ISR Rate Base after Deferred Tax Proration Line 28 + Line 29	\$27,227,500	\$52,642,956
30	Pre-Tax ROR Page 28 of 29, Line 35	8.23%	8.23%
31	Return and Taxes Line 29 * Line 30	\$2,240,823	\$4,332,515
32	Book Depreciation Line 16	\$1,348,807	\$2,697,614
33	<b>Annual Revenue Requirement</b> <b>Line 31 + Line 32</b>	<b>\$3,589,630</b>	<b>\$7,030,129</b>

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 23 of 29, Line 3, Col (e))

The Narragansett Electric Company  
d/b/a National Grid  
Electric Infrastructure, Safety, and Reliability (ISR) Plan  
Calculation of Tax Depreciation and Repairs Deduction on FY 2022 Incremental Capital Investments

Line No.		Fiscal Year 2022 (a)	(b)	(c)	(d)	(e)
1	Capital Repairs Deduction					
2	Plant Additions	\$98,487,000				
3	Capital Repairs Deduction Rate	1/ 8.51%				
4	Capital Repairs Deduction	\$8,381,244			\$90,105,756	Cumulative
5	<u>Bonus Depreciation</u>				Annual	
6	Plant Additions	\$98,487,000				
7	Plant Additions	\$0				
8	Less Capital Repairs Deduction	\$8,381,244				
9	Plant Additions Net of Capital Repairs Deduction	\$90,105,756				
10	Percent of Plant Eligible for Bonus Depreciation	0.00%				
11	Plant Eligible for Bonus Depreciation	\$0				
12	Bonus Depreciation Rate	0.00%				
13	Total Bonus Depreciation Rate	\$0				
14	Bonus Depreciation	\$0				
15	<u>Remaining Tax Depreciation</u>					
16	Plant Additions	\$98,487,000				
17	Less Capital Repairs Deduction	\$8,381,244				
18	Less Bonus Depreciation	\$0				
19	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	\$90,105,756				
20	20 YR MACRS Tax Depreciation Rates	3.750%				
21	Remaining Tax Depreciation	\$3,378,966				
22	FY22 (Gain)/Loss incurred due to retirements	\$2,144,147				
23	Cost of Removal	\$14,514,417				
24	Total Tax Depreciation and Repairs Deduction	\$28,418,774				

1/ Per Tax Department  
2/ Per Tax Department

**The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital Investment**

Line No.	Deferred Tax Subject to Proration	(a) FY22	(b) FY23
1	Book Depreciation Page 18 of 29, Line 16	\$1,348,807	\$2,697,614
2	Bonus Depreciation - Page 19 of 29, Line 12	\$0	\$0
3	Remaining MACRS Tax Depreciation - Page 19 of 29, column (d)	(\$3,378,966)	(\$6,504,735)
4	FY 2021 tax (gain)/loss on retirements - Page 19 of 29, Line 19	(\$2,144,147)	
5	Cumulative Book / Tax Timer Sum of Lines 1 through 4	(\$4,174,306)	(\$3,807,121)
6	Effective Tax Rate	21.00%	21.00%
7	Deferred Tax Reserve Line 5 * Line 6	(\$876,604)	(\$799,495)
<b>Deferred Tax Not Subject to Proration</b>			
8	Capital Repairs Deduction - Page 19 of 29, Line 3	(\$8,381,244)	
9	Cost of Removal - Page 19 of 29, Line 20	(\$14,514,417)	
10	Book/Tax Depreciation Timing Difference at 3/31/2022	\$0	
11	Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10	(\$22,895,661)	
12	Effective Tax Rate	21.00%	
13	Deferred Tax Reserve Line 11 * Line 12	(\$4,808,089)	
14	Total Deferred Tax Reserve Line 7 + Line 13	(\$5,684,693)	(\$799,495)
15	Net Operating Loss - Page 18 of 29, Line 21	(\$1,703,802)	\$0
16	Net Deferred Tax Reserve Line 14 + Line 15	(\$7,388,495)	(\$799,495)
<b>Allocation of FY 2020 Estimated Federal NOL</b>			
17	Cumulative Book/Tax Timer Subject to Proration Col (b) = Line 5	(\$4,174,306)	
18	Cumulative Book/Tax Timer Not Subject to Proration Line 11	(\$22,895,661)	
19	Total Cumulative Book/Tax Timer Line 17 + Line 18	(\$27,069,967)	
20	Total FY 2021 Federal NOL (Utilization) - Page 18 of 29, Line 21 / 21%	(\$8,113,343)	
21	Allocated FY 2022 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20	(\$6,862,231)	
22	Allocated FY 2022 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20	(\$1,251,113)	
23	Effective Tax Rate	21.00%	
24	Deferred Tax Benefit subject to proration Line 22 * Line 23	(\$262,734)	
25	Net Deferred Tax Reserve subject to proration Line 7 + Line 24	(\$1,139,338)	(\$799,495)
		(j)	(k)
		(l)	(m)
		Number of Days in	
	<b>Proration Calculation</b>	Month	Proration Percentage
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	
			(\$87,141.14)
			(\$79,077.33)
			(\$71,273.65)
			(\$63,209.84)
			(\$55,146.03)
			(\$47,342.35)
			(\$39,278.54)
			(\$31,474.86)
			(\$23,411.05)
			(\$15,347.25)
			(\$8,063.81)
			\$0.00
			(\$520,766)
			(\$61,149)
			(\$55,490)
			(\$50,014)
			(\$44,356)
			(\$38,697)
			(\$33,221)
			(\$27,563)
			(\$22,087)
			(\$16,428)
			(\$10,769)
			(\$5,659)
			\$0
			(\$365,431)
39	Deferred Tax Without Proration Line 25		(\$1,139,338)
40	Average Deferred Tax without Proration Line 39 × 0.5		(\$569,669)
41	Proration Adjustment Line 38 - Line 40		\$48,903
			\$34,316

**Column Notes:**

- (k) Sum of remaining days in the year (Col (j)) ÷ 365  
(l) & (m) Current Year Line 25 ÷ 12 × Current Month Col (k)



The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
FY 2018 - 2022 Incremental Capital Investment Summary

Line No.		Fiscal Year 2018 (a)	Fiscal Year 2019 (b)	Fiscal Year 2020 (c)	Fiscal Year 2021 (d)	Fiscal Year 2022 (e)
<b>Capital Investment</b>						
1	ISR - Eligible Capital Investment	\$92,659,654	\$111,243,061	\$103,267,720	\$110,494,000	\$98,487,000
2	Intangible Assets included in Total Allowed Discretionary Capital	\$0	\$3,460,626	\$0	\$1,000,000	\$0
3	ISR - Eligible Capital Additions included in Rate Base per RIPUC Docket No. 4770	\$74,843,000	\$74,843,000	\$31,184,583	\$0	\$0
4	Incremental ISR Capital Investment (non-intangible)	\$17,816,654	\$32,939,435	\$72,083,137	\$109,494,000	\$98,487,000
<b>Cost of Removal</b>						
5	ISR - Eligible Cost of Removal	\$9,979,698	\$7,949,082	\$14,387,482	\$11,700,000	\$14,600,000
6	ISR - Eligible Cost of Removal in Rate Base per RIPUC Docket No. 4770	\$8,259,707	\$7,848,009	\$3,437,925	\$205,400	\$85,583
7	Incremental Cost of Removal	\$1,719,991	\$101,073	\$10,949,557	\$11,494,600	\$14,514,417
<b>Retirements</b>						
8	ISR - Eligible Retirements/Actual	\$15,206,748	\$12,015,754	\$13,944,441	\$20,876,177	\$13,366,638
9	ISR - Eligible Retirements in Rate Base per RIPUC Docket No. 4770	\$20,451,820	\$22,665,233	\$9,928,809	\$593,200	\$247,167
10	Incremental Retirements	(\$5,245,072)	(\$10,649,479)	\$4,015,632	\$20,282,977	\$13,119,472
<b>Net NOL Position</b>						
11	ISR - (NOL)/Utilization	(\$4,571,409)	\$1,506,783	\$0	\$0	\$8,772,838
12	less: (NOL)/Utilization recovered in transmission rates	(\$1,572,911)	\$515,161	\$0	\$0	\$2,983,755
13	Distribution-related (NOL)/Utilization	(\$2,998,499)	\$991,622	\$0	\$0	\$5,789,083
14	(NOL)/Utilization in Rate Base per RIPUC Docket No. 4770	\$0	\$0	\$1,462,980	\$6,764,379	\$4,085,281
15	Incremental (NOL)/Utilization	(\$2,998,499)	\$991,622	(\$1,462,980)	(\$6,764,379)	\$1,703,802

Col (a) (b) & (c) = FY20 Docket 4915, Att MAL-1, P15, L1 Col (d) = FY21 Docket 4955, Att MAL-1, P18, L1; Col (e) = Section 2, Chart 19, Col 2  
Col (a) (b) & (c) = FY20 Docket 4915, Att MAL-1, P15, L2; Col (d) = FY 2021 ISR Docket No. 4995, Att. MAL-1, Page 18 of 25, L. 2, C.(d)  
Docket No. 4770, S. C. Att. 2, Sch 11-ELEC, P5, L1, Col (a) = Col(a)+Col(b); Col(b)=Col(c)+Col(d); Col(c)=Col(e), Col(d)=Col(f)+Col(k)  
Line 1 - Line 2 - Line 3  
Col (a) (b) & (c) = FY20 Docket 4915, Att MAL-1, P15, L5; Col (d) = FY 2021 Docket 4995, Att MAL-1, P18, L5; Col(e) = Section 2, Chart 10, Column 3  
Schedule 6-ELEC, Docket No. 4770. Col(a)=Docket No. 4682, FY2018 ISR Elec Rec; [P2]L10-3+12, [P1]L26+L45\*7+12; Col(b)= [P1]L45\*5+12+[P2]L18\*7+12; Col (c) = [P2]L18\*5+12+L39\*7+12; Col (d) = L39\*5+12+L60\*7+12; Col (e) = L60\*5+12  
Line 5 - Line 6  
Col (a) (b) & (c) = FY20 Docket 4915, Att MAL-1, P15, L8; Col (d) = FY 2021 Docket 4995, Att MAL-1, P18, L8; Col (e) = Line 1(e)\* Past 3 Year Average Retirement Rate  
Schedule 6-ELEC, Docket No. 4770. Col(a)=Docket No. 4682, FY2018 ISR Elec Rec; [P2]L5\*3+12+[P1]L25+L27+L46\*7+12; Col(b)= [P1]L46\*5+12+[P2]L19\*7+12; Col (c) = [P2]L19\*5+12+L40\*7+12; Col (d) = L40\*5+12+L61\*7+12; Col (e) = L61\*5+12  
Line 8 - Line 9  
Col (a) (b) & (c) = FY20 Docket 4915, Att MAL-1, P15, L11; Col (d) & (e) = Per Tax Department  
Quarterly average transmission plant allocator per Integrated Facilities Agreement (IFA) \* Line 11  
Maximum of (Line 11 - Line 12) or -Page 22 of 29, Line 11  
Docket No. 4770, S. C. Att. 2, Sch 11-ELEC, P. 12; Col (e) = L39\*7+12; Col (d) = L39\*7+12+L49\*5+12; Col (e) = L49\*7+12  
Line 13 - Line 14

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Electric ISR Revenue Requirement Plan  
Deferred Income Tax ("DIT") Provisions and Net Operating Losses ("NOL")

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
		Test Year July 2016 - June 2017				Jul & Aug 2017	12 Mths Aug 31 2018	12 Mths Aug 31 2019	12 Mths Aug 31 2020	12 Mths Aug 31 2021	12 Mths Aug 31 2022
1	Total Base Rate Plant DIT Provision					\$2,580,654	\$5,847,765	\$4,355,117	\$707,056	\$3,826,291	\$0
2	Excess DIT Amortization					\$18,265,666	\$5,847,765	(\$3,074,665)	(\$3,074,665)	(\$3,074,665)	\$0
3	Total Base Rate Plant DIT Provision	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
4	Incremental FY 18	\$4,261,399	\$4,223,434	\$4,181,310	\$4,130,879	\$4,072,741	\$10,558,267	\$3,183,498.68	(\$847,583.55)	(\$548,055)	\$313,177
5	Incremental FY 19	\$0	\$2,128,597	\$2,305,665	\$2,485,863	\$2,504,666	\$4,261,399	(\$37,965)	(\$42,125)	(\$50,431)	(\$58,138)
6	Incremental FY 20			\$4,774,661	\$5,289,496	\$5,731,763		\$2,128,597	\$177,068	\$180,198	\$18,803
7	Incremental FY 21			\$6,273,774	\$5,381,314	\$6,273,774			\$4,774,661	\$514,834	\$442,268
8	Incremental FY 22					\$5,684,693				\$5,381,314	\$892,460
9	TOTAL Plant DIT Provision	\$4,261,399	\$6,352,031	\$11,261,636	\$17,287,551	\$24,267,637	\$14,819,666	\$5,274,131	\$4,062,021	\$5,477,860	\$7,293,264
10	Distribution-related NOL						\$2,998,499	(\$991,622)	\$0	\$0	(\$5,789,083)
11	Lesser of Distribution-related NOL or DIT Provision						\$2,998,499	(\$991,622)	\$0	\$0	(\$5,789,083)

Line Notes:

- 1(b) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 2 of 23, Line 29, Col (e) - (a)
- 1(f) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 11 of 20, Line 3
- 1(g) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 11 of 20, Line 7
- 1(h) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 11 of 20, Line 50
- 1(i) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 12 of 20, Line 41
- 1(j) RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Schedule 11-ELEC, Page 12 of 20, Line 51
- 1(k) RIPUC Docket Nos. 4770/4780 third rate year ends at Aug 31, 2021
- 2 RIPUC Docket Nos. 4770/4780, Compliance, Revised Rebuttal Attachment 1, Sch. 11-ELEC, P.11 of 20, L. 51; P. 12 of 20, L. 42 & 52
- 3 Col(e) = Line 1(b)+12x3+ Line 1(d) + Line 1(e)+12x7; Col (f) = (Line 1(e) + Line 2(e)))+12x5 + (Line 1(f) + Line 2(f)))+12x7; Col (g) = (Line 1(f) + Line 2(f)))+12x5 + (Line 1(g) + Line 2(g)))+12x7
- 4(a)-(e) Cumulative DIT per vintage year ISR revenue requirement calculations (P.2, L.20+L.22, Cols (a) through (e))
- 5(b)-(e) Cumulative DIT per vintage year ISR revenue requirement calculations (P.5, L.20+ P.8, L.23, Cols (a) through (d))
- 6(c)-(e) Cumulative DIT per vintage year ISR revenue requirement calculations (P.10, L.20, Cols (a) through (e))
- 7(d)-(e) Cumulative DIT per vintage year ISR revenue requirement calculations (P.13, L.20(a) and (b))
- 8(e) Cumulative DIT per vintage year ISR revenue requirement calculations (P.17, L.20(a))
- 4(g)-8(k) Year over year change in cumulative DIT shown in Cols (a) through (e)
- 9 Sum of Lines 3 through 6
- 10 Page 21 of 29, Line 13
- 11 Lesser of Line 9 or Line 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket Nos. 4770/4780 Compliance Attachment 2 Schedule 6-ELEC Page 3 of 5				
The Narragansett Electric Company d/b/a National Grid Depreciation Expense - Electric For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019				
		Adjusted Plant Balance (a)	Approved Rate (b)	Test Year Depreciation (c) = (a) x (b)
<u>Intangible Plant</u>				
1	303.00			
2				
3				
4				
5				
6				
7	330.00	\$6,989	0.00%	\$0
8	331.00	\$1,993,757	0.00%	\$0
9	332.00	\$1,125,689	0.00%	\$0
10				
11				
12				
13				
14				
15				
16				
17	360	\$ -	0.00%	\$ -
18	362	\$ -	2.32%	\$ -
19	365	\$ -	3.02%	\$ -
20	367.1	\$ -	2.52%	\$ -
21	360.00	\$ 12,874,490	0.00%	\$ -
22	360.10	\$ 95,396	0.00%	\$ -
23	361.00	\$ 10,144,741	1.36%	\$ 137,968
24	362.00	\$ 253,879,227	2.19%	\$ 5,559,955
25	362.10	\$ 71,597	2.19%	\$ 1,568
26	362.55	\$ 663,280	6.70%	\$ 44,440
27	364.00	\$ 237,914,852	4.27%	\$ 10,158,964
28	365.00	\$ 308,051,305	2.65%	\$ 8,163,360
29	366.10	\$ 23,368,987	1.33%	\$ 310,808
30	366.20	\$ 48,513,051	1.55%	\$ 751,952
31	367.10	\$ 173,808,945	3.42%	\$ 5,944,266
32	368.10	\$ 10,674,398	2.76%	\$ 294,613
33	368.20	\$ 101,452,162	3.14%	\$ 3,180,525
34	368.30	\$ 77,701,753	3.22%	\$ 2,501,996
35	369.10	\$ 83,166,615	5.04%	\$ 4,191,597
36	369.20	\$ 1,691,919	4.87%	\$ 82,396
37	369.21	\$ 22,150,773	4.87%	\$ 1,078,743
38	370.10	\$ 26,366,117	5.61%	\$ 1,479,139
39	370.20	\$ 10,026,102	5.81%	\$ 582,517
40	370.30	\$ 11,492,790	5.69%	\$ 653,940
41	370.35	\$ 9,186,534	5.13%	\$ 471,269
42	371.00	\$ 119,825	3.61%	\$ 4,326
43	373.10	\$ 23,671,126	1.46%	\$ 345,598
44	373.20	\$ 16,012,987	1.52%	\$ 243,397
45	374.00	\$ -	0.00%	\$ -
46				
47		\$ 1,463,098,971	3.16%	\$ 46,183,339
48				
49				
50				
51	389.00	\$ 842,411	0.00%	\$ -
52	390.00	\$ 34,216,272	2.28%	\$ 780,131
53	391.00	\$ 30,645	0.00%	\$ 29,542
54	391.00	\$ 412,269	6.67%	\$ 27,498
55	393.00	\$ 93,412	5.00%	\$ 4,671
56	394.00	\$ 1,934,730	5.00%	\$ 96,736
57	395.00	\$ 288,227	0.00%	\$ -
58	395.00	\$ 1,226,832	6.67%	\$ 81,830
59	397.00	\$ 5,337,629	5.00%	\$ 266,881
60	397.10	\$ 2,530,920	3.90%	\$ 98,706
61	397.50	\$ 49,498	5.00%	\$ 2,475
62	398.00	\$ 706,169	6.67%	\$ 47,101
63	399.00	\$ 12,484	0.00%	\$ -
64	399.10	\$ (0)	0.00%	\$ -
65				
66		\$ 47,681,498	3.01%	\$ 1,435,572
67				
68		\$ 1,513,906,902	3.15%	\$ 47,618,911

The Narragansett Electric Company  
d/b/a National Grid  
ISR Depreciation Rate per RIPUC Docket No. 4770

	Adjusted Plant Balance (d)	Average Rate (e)=(f)/(g)	Approved Depreciation (f)
1	\$ 1,463,098,971	3.16%	\$ 46,183,339
2	\$ 7,918,047	4.65%	\$ 368,062
3	\$ 1,471,017,018	3.16%	\$ 46,551,401
4			
5	\$ 42,889,885		
6	\$ 1,513,906,902		

Line Notes:

- Docket No. 4770, Schedule 6-ELEC: [P3 and P4] on left Line 47
- Docket No. 4770, Schedule 6-ELEC: [P3 and P4] on Left Lines 59 through 61
- Line 1+Line 2
- Docket No. 4770, Schedule 6-ELEC: [P3 and P4] on Left Lines 59 through 61
- Line 3+Line 6

Column Notes:

(a) - (c) - Per Docket 4770/4780 Compliance Attachment 2, Schedule 6 ELEC, Pages 3 & 4

THE NARRAGANSETT ELECTRIC COMPANY				The Narragansett Electric Company	
d/b/a NATIONAL GRID				d/b/a National Grid	
RIPUC Docket Nos. 4770/4780				ISR Depreciation Expense in Base Rates	
Compliance Attachment 2				less non-ISR eligible plant	
Schedule 6-ELEC				ISR Eligible Amount	
Page 1 of 5					
The Narragansett Electric Company d/b/a National Grid					
Depreciation Expense - Electric					
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019					
Line No.	Description	Reference	Amount		
		(a)	(b)	(c)	(d)
1	Total Company Rate Year Distribution Depreciation Expense	Sum of Page 2, Line 16 and Line 17	\$50,128,332		
2	Test Year Depreciation Expense	Per Company Books	\$69,031,187		
3	Less : Test Year IFA related Depreciation Expense	Page 4, Line 30, Column (c)	(\$19,814,202)		
4	Less: ARO and other adjustments	Page 4, Line 30, Column (b) + Column (d)	(\$55,610)		
5	Adjusted Total Company Test Year Distribution Depreciation Expense	Sum of Line 2 through Line 4	\$49,161,375		
6	Depreciation Expense Adjustment	Line 1 - Line 5	\$966,957		
7					
8			Per Book		
9	Test Year Depreciation Expense 12 Months Ended 06/30/17:		Amount		
10	Total Distribution Utility Plant 06/30/17	Page 4, Line 28, Column (e)	\$2,141,474,644	(\$39,763,450)	\$2,101,711,193
11	Less Non Depreciable Plant	Page 4, Line 26, Column (e)	(\$627,567,742)		(\$627,567,742)
12	Depreciable Utility Plant 6/30/17	Line 10 + Line 11	\$1,513,906,902	(\$39,763,450)	\$1,474,143,451
13					
14	Plus: Added Plant 2 Mos Ended 08/31/17	Schedule 11-ELEC, Page 6, Line 7	\$12,473,833	\$0	\$12,473,833
15	Less: Streetlights retired in the 2 Mos Ended 08/31/17	Per Company Books	(\$1,057,011)	\$0	(\$1,057,011)
16	Less: Retired Plant 2 Months Ended 08/31/17	Line 14 x Retirement Rate	(\$3,699,739)	\$0	(\$3,699,739)
17	Depreciable Utility Plant 08/31/17	Line 12 + Line 14 + Line 16	\$1,521,623,985	(\$39,763,450)	\$1,481,860,535
18					
19	Average Depreciable Plant from 06/30/17 to 08/31/17	(Line 12 + Line 17)/2	\$1,517,765,443		\$1,478,001,993
20					
21	Composite Book Rate %	As Approved in RIPUC Docket No. 4323	3.40%		3.40%
22					
23	Book Depreciation Reserve 06/30/17	Page 5, Line 69, Column (e)	\$652,405,159		
24	Plus: Book Depreciation Expense excluding Streetlight Retirement	1/6 of (Line 19 excl. Line 15 x Line 21)	\$8,603,666		\$8,381,334
25	Less: Streetlights retired in the 2 Mos Ended 08/31/17 and Dep. for 2 Mos	1/12 of (Line 15 x SL Dep Rate)	(\$1,307)		(\$1,307)
26	Less: Net Cost of Removal/(Salvage)	Line 14 x Cost of Removal Rate	(\$1,281,063)		
27	Less: Retired Plant	Line 16	(\$3,699,739)		
28	Book Depreciation Reserve 08/31/17	Sum of Line 23 through Line 27	\$656,026,715		
29					
30	Depreciation Expense 12 Months Ended 08/31/18				
31	Total Utility Plant 08/31/17	Line 10 + Line 14 + Line 15 + Line 16	\$2,149,191,727	(\$39,763,450)	\$2,109,428,277
32	Less Non Depreciable Plant	Line 11	(\$627,567,742)	\$0	(\$627,567,742)
33	Depreciable Utility Plant 08/31/17	Line 31 + Line 32	\$1,521,623,985	(\$39,763,450)	\$1,481,860,535
34					
35	Plus: Plant Added in 12 Months Ended 08/31/18	Schedule 11-ELEC, Page 6, Line 14	\$74,843,000	\$0	\$74,843,000
36	Less: Plant Retired in 12 Months Ended 08/31/18	Line 35 x Retirement rate	(\$22,198,434)	\$0	(\$22,198,434)
37	Depreciable Utility Plant 08/31/18	Sum of Line 33 through Line 36	\$1,574,268,551	(\$39,763,450)	\$1,534,505,101
38					
39	Average Depreciable Plant for 12 Months Ended 08/31/18	(Line 33 + Line 37)/2	\$1,547,946,268	(\$39,763,450)	\$1,508,182,818
40					
41	Composite Book Rate %	As Approved in RIPUC Docket No. 4323	3.40%		3.40%
42					
43	Book Depreciation Reserve 08/31/17	Line 28	\$656,026,715		
44	Plus: Book Depreciation 08/31/18	Line 39 x Line 41	\$52,630,173		\$51,278,216
45	Less: Net Cost of Removal/(Salvage)	Line 35 x Cost of Removal Rate	(\$7,686,376)		
46	Less: Retired Plant	Line 36	(\$22,198,434)		
47	Book Depreciation Reserve 08/31/18	Sum of Line 43 through Line 46	\$678,772,079		
1/	3 year average retirement over plant addition in service FY 15 ~ FY17		29.66%		
2/	3 year average Cost of Removal over plant addition in service FY 15 ~ FY17		10.27%		

THE NARRAGANSETT ELECTRIC COMPANY  
d/b/a NATIONAL GRID  
RIPUC Docket Nos. 4770/4780  
Compliance Attachment 2  
Schedule 6-ELEC  
Page 2 of 5

The Narragansett Electric Company d/b/a National Grid  
Depreciation Expense - Electric  
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019

The Narragansett Electric Company  
d/b/a National Grid  
ISR Depreciation Expense in Base  
Rates (Continued)

Line No.	Description	Reference	Amount	The Narragansett Electric Company d/b/a National Grid	
				less non-ISR eligible plant (c)	ISR Eligible Amount (d)
1	<b>Rate Year Depreciation Expense 12 Months Ended 08/31/19:</b>				
2	Total Utility Plant 08/31/18	Page 1, Line 31 + Line 35 + Line 36	\$2,201,836,293	1	
3	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)	2	(\$39,763,450) \$2,162,072,843
4	Depreciable Utility Plant 08/31/18	Line 2 + Line 3	\$1,574,268,551	3	\$0 (\$627,567,742)
5				4	(\$39,763,450) \$1,534,505,101
6	Plus: Added Plant 12 Months Ended 08/31/19	Schedule 11-ELEC, Page 6, Line 38	\$77,541,000	5	
7	Less: Depreciable Retired Plant	1/ Line 6 x Retirement rate	(\$22,998,661)	6	(\$2,698,000) \$74,843,000
8				7	\$800,227 (\$22,198,434)
9	Depreciable Utility Plant 08/31/19	Sum of Line 4 through Line 7	\$1,628,810,891	8	
10				9	(\$41,661,224) \$1,587,149,667
11	Average Depreciable Plant for Rate Year Ended 08/31/19	(Line 4 + Line 9)/2	\$1,601,539,721	10	
12				11	(\$40,712,337) \$1,560,827,384
13	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.15%	12	
14				13	
15	Book Depreciation Reserve 08/31/18	Page 1, Line 47	\$678,772,079	14	
16	Plus: Book Depreciation Expense	Line 11 x Line 13	\$50,375,341	15	
17	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)	16	\$49,322,145
18	Less: Net Cost of Removal/(Salvage)	2/ Line 6 x Cost of Removal Rate	(\$7,963,461)	17	(\$247,009)
19	Less: Retired Plant	Line 7	(\$22,998,661)	18	
20	Book Depreciation Reserve 08/31/19	Sum of Line 15 through Line 19	\$697,938,290	19	
21				20	\$49,075,136
22	<b>Rate Year Depreciation Expense 12 Months Ended 08/31/20:</b>			21	
23	Total Utility Plant 08/31/19	Line 2 + Line 6 + Line 7	\$2,256,378,633	22	
24	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)	23	(\$41,661,224) \$2,214,717,409
25	Depreciable Utility Plant 08/31/19	Line 23 + Line 24	\$1,628,810,891	24	\$0 (\$627,567,742)
26				25	(\$41,661,224) \$1,587,149,667
27	Plus: Added Plant 12 Months Ended 08/31/20	Schedule 11-ELEC, Page 5, Line 15(i)	\$2,000,000	26	
28	Less: Depreciable Retired Plant	1/ Line 27 x Retirement rate	(\$593,200)	27	(\$2,000,000) \$0
29				28	\$593,200 \$0
30	Depreciable Utility Plant 08/31/20	Sum of Line 25 through Line 28	\$1,630,217,691	29	
31				30	(\$43,068,024) \$1,587,149,667
32	Average Depreciable Plant for Rate Year Ended 08/31/20	(Line 25 + Line 30)/2	\$1,629,514,291	31	
33				32	(\$42,364,624) \$1,587,149,667
34	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.15%	33	
35				34	
36	Book Depreciation Reserve 08/31/20	Line 20	\$697,938,290	35	
37	Plus: Book Depreciation Expense	Line 32 x Line 34	\$51,255,262	36	
38	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)	37	\$50,153,929
39	Less: Net Cost of Removal/(Salvage)	2/ Line 27 x Cost of Removal Rate	(\$205,400)	38	(\$247,009)
40	Less: Retired Plant	Line 28	(\$593,200)	39	
41	Book Depreciation Reserve 08/31/20	Sum of Line 36 through Line 40	\$748,147,943	40	7 mos FY20 12 mos
42				41	\$ 436,419,633 \$49,906,920
43	<b>Rate Year Depreciation Expense 12 Months Ended 08/31/21:</b>			42	
44	Total Utility Plant 08/31/20	Line 23 + Line 27 + Line 28	\$2,257,785,433	43	
45	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)	44	(\$43,068,024) \$2,214,717,409
46	Depreciable Utility Plant 08/31/20	Line 44 + Line 45	\$1,630,217,691	45	\$0 (\$627,567,742)
47				46	(\$43,068,024) \$1,587,149,667
48	Plus: Added Plant 12 Months Ended 08/31/21	Schedule 11-ELEC, Page 5, Line 15(l)	\$2,000,000	47	
49	Less: Depreciable Retired Plant	1/ Line 48 x Retirement rate	(\$593,200)	48	(\$2,000,000) \$0
50				49	\$593,200 \$0
51	Depreciable Utility Plant 08/31/21	Sum of Line 46 through Line 49	\$1,631,624,491	50	
52				51	(\$44,474,824) \$1,587,149,667
53	Average Depreciable Plant for Rate Year Ended 08/31/21	(Line 46 + Line 51)/2	\$1,630,921,091	52	
54				53	(\$43,771,424) \$1,587,149,667
55	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.15%	54	
56				55	
57	Book Depreciation Reserve 08/31/20	Line 41	\$748,147,943	56	
58	Plus: Book Depreciation Expense	Line 53 x Line 55	\$51,299,512	57	
59	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)	58	\$50,153,929
60	Less: Net Cost of Removal/(Salvage)	2/ Line 48 x Cost of Removal Rate	(\$205,400)	59	(\$247,009)
61	Less: Retired Plant	Line 49	(\$593,200)	60	
62	Book Depreciation Reserve 08/31/21	Sum of Line 57 through Line 61	\$798,401,846	61	
				62	\$49,906,920
1/	3 year average retirement over plant addition in service FY 15 ~ FY17		29.66%		Retirements
2/	3 year average Cost of Removal over plant addition in service FY 15 ~ FY17		10.27%		COR

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 ISR Property Tax Recovery Adjustment  
(\$000s)

Line	Effective Tax Rate Calculation	(a) End of FY 2018	(b) ISR Additions	(c) Non-ISR Add's	(d) Total Add's	(e) Bk. Depr. (I)	(f) Retirements	(g) COR	(h) End of FY 2019
1	Plant In Service	\$1,595,699	\$111,243	\$3,137	\$114,380		(\$12,016)		\$1,697,863
2	Accumulated Depr	\$672,116				\$52,896	(\$12,016)	(\$7,949)	\$705,047
3	Net Plant	\$923,383							\$992,816
4	Property Tax Expense	\$30,354							\$32,077
5	Effective Prop tax Rate	3.29%							3.23%
6	<u>Effective Tax Rate Calculation</u>	<u>End of FY 2019</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk. Depr. (I)</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY 2020</u>
7	Plant In Service	\$1,697,863	\$103,268	\$4,244	\$107,511		(\$14,649)		\$1,790,725
8	Accumulated Depr	\$705,047				\$54,318	(\$14,649)	(\$14,387)	\$730,328
9	Net Plant	\$992,816							\$1,060,397
10	Property Tax Expense	\$32,077							\$32,568
11	Effective Prop tax Rate	3.23%							3.07%
12	<u>Effective Tax Rate Calculation</u>	<u>End of FY 2020</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk. Depr. (I)</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY 2021</u>
13	Plant In Service	\$1,790,725	\$110,494	\$3,137	\$113,631		(\$20,876)		\$1,883,480
14	Accumulated Depr	\$730,328				\$57,266	(\$20,876)	(\$11,700)	\$755,018
15	Net Plant	\$1,060,397							\$1,128,462
16	Property Tax Expense	\$32,568							\$36,460
17	Effective Prop tax Rate	3.07%							3.23%
18	<u>Effective Tax Rate Calculation</u>	<u>End of FY 2021</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk. Depr. (I)</u>	<u>Retirements</u>	<u>COR</u>	<u>End of FY 2022</u>
19	Plant In Service	\$1,883,480	\$98,487	\$4,244	\$102,731		(\$13,367)		\$1,972,844
20	Accumulated Depr	\$755,018				\$60,001	(\$13,367)	(\$14,600)	\$787,052
21	Net Plant	\$1,128,462							\$1,185,792
22	Property Tax Expense	\$36,460							\$36,416
23	Effective Prop tax Rate	3.23%							3.07%
24	<u>Property Tax Recovery Calculation</u>	<u>Cumulative Incom. ISR Prop. Tax for FY2018</u>	<u>ISR Additions</u>	<u>Non-ISR Add's</u>	<u>Total Add's</u>	<u>Bk. Depr. (I)</u>	<u>Retirements</u>	<u>COR</u>	<u>Cumulative Incom. ISR Prop. Tax for FY2019 - 1st 5 months</u>
25	Incremental ISR Additions	\$92,660	\$111,243						\$36,400
26	Book Depreciation: base allowance on ISR eligible plant	(\$43,032)	(\$43,032)						\$0
27	Book Depreciation: current year ISR additions	(\$1,317)	(\$1,628)						(\$999)
28	COR	\$9,980	\$7,949						\$101
29	Net Plant Additions	\$58,291	\$74,532						\$35,502
30	RY Effective Tax Rate	3.98%	3.98%						3.28%
31	ISR Year Effective Tax Rate	3.29%	3.29%						1.91% 7 mos
32	RY Effective Tax Rate	3.98%	3.98%						3.28%
33	RY Effective Tax Rate 5 mos for FY 2019		5 month						3.23%
34	RY Net Plant times 5 mo rate	\$746,900	-\$0.75%						3.28%
35	FY 2014 Net Adds times ISR Year Effective Tax rate	\$1,566	-0.31%						-0.05%
36	FY 2015 Net Adds times ISR Year Effective Tax rate	\$3,308	-0.31%						-0.03% 7 mos
37	FY 2016 Net Adds times ISR Year Effective Tax rate	\$33,535	-0.31%						-0.03%
38	FY 2017 Net Adds times ISR Year Effective Tax rate	\$38,200	3.29%						\$930,873
39	FY 2018 Net Adds times ISR Year Effective Tax rate	\$58,291	3.29%						\$18,393
40	FY 2019 Net Adds times ISR Year Effective Tax rate		3.29%						\$35,502
41	Total ISR Property Tax Recovery		\$263						\$736

The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 ISR Property Tax Recovery Adjustment (continued)  
(\$000s)

	(a) Cumulative Incr. ISR Prop. Tax for FY2020	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Cumulative Incr. ISR Prop. Tax for FY2020				Cumulative Incr. ISR Prop. Tax for FY 2020				Cumulative Incr. ISR Prop. Tax for FY2020		
38	Incremental ISR Additions	\$72,083			\$110,494				\$98,487		
39	Book Depreciation: base allowance on ISR eligible plant	\$0			\$0				(\$29,112)		
40	Book Depreciation: current year ISR additions	(\$1,075)			(\$1,481)				(\$1,349)		
41	COR	\$10,950			\$11,495				\$14,514		
42	Net Plant Additions	\$81,957			\$120,508				\$82,540		
43	RY Effective Tax Rate	3.38%			3.58%				3.66%		
44	ISR Year Effective Tax Rate	3.07%			3.23%				3.07%		
45	RY Effective Tax Rate	3.38%			3.58%				3.66%		
46	RY Net Plant times Rate Difference	\$902,404			\$853,576				\$833,223		
47	Non-ISR plant times rate difference	(\$2,269)			(\$4,269)				(\$6,269)		
48	FY 2018 Net Incremental times rate difference	\$7			\$7				\$7		
49	FY 2019 Net Incremental times rate difference	\$543			\$1,695				\$16,207		
50	FY 2020 Net Incremental times rate difference	\$33,630			\$31,759				\$29,887		
51	FY 2021 Net Adds times rate difference	\$81,957			\$79,806				\$77,655		
52	FY 2022 Net Adds times rate difference	3.07%			\$2,517				\$117,546		
53	Total ISR Property Tax Recovery	\$1,288			\$3,894				\$82,540		
											\$5,041

	Line Notes	Line Notes	Line Notes
11(a) - 15(a)	Per Docket No. 491.5, FY2020 Rec. Attachment MAL-1, Page 20, Line 1(a)-Line 10(b)	22(a) - 37(g)	Docket No. 491.5 Attachment MAL-1, Page 20 of 23, 11(a) to 27(g)
11(b)	=(b) - 10(b)	22(f) - 37(k)	Docket No. 491.5 Attachment MAL-1, Page 21 of 23, 28(a) to 44(e)
11(c)	Page 21 of 29, Line 1, Column (d)/1000	38(a) - 53(c)	Docket No. 491.5 Attachment MAL-1, Page 21 of 23, 28(e) to 44(g)
11(d)	Per Company's Book	38(f)	(Page 14 of 29, Line 3+Page 16 of 29, Line 5)=1000
11(e)	Line 11(b)+Line 11(c)	38(g)	Page 18 of 29, Line 3+1000
11(f), 12(f)	Per Company's Book	39(f)	FY21 depreciation is reflected in the NBV at 46(e)
11(g)	Sum of L11 C(a), L11 C(d), L11 C(f)	39(g)	-(Page 25 of 29, Line 62(d) × 7=12)=1000
12(e)	[Docket 4770, C. Att. 2, Sch 6-ELEC, P2: L (16(b)+L17(b)) × 5/12+ L (37(b)+38(b)) × 7/12] + (Page 2 of 29, L 6(a) + Page 5 of 29, L 6(a)+Page 10 of 29, L 8(a)) × 0.0316+Page 8 of 29,	40(f)	(- Page 14 of 29, Line 16(a) - Page 16 of 29, Line 29(e))=1000
12(g)	L29(e)/1000 + (Page 14 of 29, L6(a) × 0.0316 × 0.5 +Page 16 of 29, L29(a))/1000	40(g)	- Page 18 of 29, Line 16(a)=1000
12(h)	Page 21 of 29, Line 8, Column (d)/1000	41(f)	Page 14 of 29, Line 10(a)=1000
13(h)	Sum of L12 C(a), L12 C(e), L12 C(f), L12 C(g)	41(g)	Page 18 of 29, Line 10(a)=1000
14(h)	11(b)-12(h)	42(f)	Sum of Lines 38(f) through 41(f)
15(b)	13(b)×15(h)	42(g)	Sum of Lines 38(g) through 41(g)
16(a) - 20(a)	Per Line 11(b) - 15(b)	43(f)	Docket No. 4770, R. Rebuttal Att. 1, Sch 7-ELEC, P.2, L.3 (e) + 46(e)
16(b)	Page 21 of 29, Line 1, Col (e)=1000	43(g)	Docket No. 4770, R. Rebuttal Att. 1, Sch 7-ELEC, P.2, L.3 (e) + 46(f)
16(c)	Estimated based on FY2020 actual non-ISR auditor	44(e)	=15(b)
16(d)	Line 16(b)+Line 16(c)	44(f)	=20(b)
16(e)	Page 21 of 29, Line 8, Col (e)=1000	45(e)	=43(f)
16(f)	Line 16(a)+(d)+(f)	45(f)	44(e)-45(e)
16(g)	Docket 4770, C. Att. 2, Sch 6-ELEC, P2: (L37(b)+L38(b)) + (Page 2 of 29, L 6(a) + Page 5 of 29, L 6(a)+Page 10 of 29, L8(a)) × 0.0316+Page 8 of 29, L6(a) × 0.0316+Page 16 of 29, L29(b))/1000 + (L1(e)+L6(e)+L11(c))×0.0301+Page 18 of 29, L6(a) × 0.0316 × 0.5/1000=L16(e)×0.5×0.0301	45(g)	44(e)-45(e)
17(e)		46(e)	44(f)-45(f)
17(f)		46(f)	Docket No. 4770, R. Rebuttal Att. 1, Sch 6-E, P2, (L30 - L41) × 5/12+ (L51-L62) × 7/12/1000
17(g)	Page 21 of 29, Line 5, Col (e)=1000	46(g)	46(e) × 45(f)
17(h)	Line 17(a) + (e) + (f) + (g)	46(h)	Docket No. 4770, R. Rebuttal Att. 1, Sch 6-E, P2, (L51-L62)/1000
18(b)	Line 16(b) - 17(h)	51(g)	
19(h)	Line (h) × 20(h)	51(h)	
20(b)	Estimated based on FY2020 actual property rate	51(i)	

	Line Notes	Line Notes	Line Notes
46(j)×45(i)	-Docket No. 4770, R. Rebuttal Att. 1, Sch 11-ELEC, P.5, L.8(b) + L.8(j)	46(k)	46(j)×45(i)
47(e) × 45(f)	- Docket No. 4770, R. Rebuttal Att. 1, Sch 11-ELEC, P.5, L.8(b) + L.8(j) + L.8(i)	47(e)	47(e) × 45(f)
47(f) × 44(i)	Line 48(e) - Page 2 of 29, Line 16(d) = 1000	47(f)	47(f) × 44(i)
47(g) × 44(i)		47(g)	47(g) × 44(i)
48(e) × 44(e)	Line 48(e) - Page 2 of 29, Line 16(e) = 1000	48(e)	48(e) × 44(e)
48(f) × 44(i)		48(f)	48(f) × 44(i)
49(e) × 44(e)	Line 49(e) - Page 5 of 29, Line 16(c) = 1000	49(e)	49(e) × 44(e)
49(f) × 44(i)	Line 49(e) - Page 5 of 29, Line 16(d) = 1000	49(f)	49(f) × 44(i)
50(e) × 44(e)	Line 50(e) - Page 10 of 29, Line 18(b) = 1000	50(e)	50(e) × 44(e)
50(f) × 44(i)	Line 50(e) - Page 10 of 29, Line 18(c) = 1000	50(f)	50(f) × 44(i)
51(e) × 44(e)		51(e)	51(e) × 44(e)
51(f) × 44(i)		51(f)	51(f) × 44(i)
51(g) × 44(i)		51(g)	51(g) × 44(i)
51(h) × 44(i)		51(h)	51(h) × 44(i)
52(f) × 45(i)		52(f)	52(f) × 45(i)
Sum of 46(k) through (g)		53(g)	Sum of 46(k) through (g)
Sum of 46(k) through 52(k)		53(k)	Sum of 46(k) through 52(k)

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

<u>Line No.</u>	(a)	(b)	(c)	(d)	(e)
1	Weighted Average Cost of Capital as approved in RIPUC Docket No. 4323 at 35% income tax rate effective April 1, 2013				
2	Ratio	Rate	Weighted Rate	Taxes	Return
3	Long Term Debt	49.95%	4.96%	2.48%	2.48%
4	Short Term Debt	0.76%	0.79%	0.01%	0.01%
5	Preferred Stock	0.15%	4.50%	0.01%	0.01%
6	Common Equity	49.14%	9.50%	4.67%	2.51%
7		<u>100.00%</u>	<u>7.17%</u>	<u>2.51%</u>	<u>9.68%</u>
8					
9	(d) - Column (c) x 35% divided by (1 - 35%)				
10					
11	Weighted Average Cost of Capital as approved in RIPUC Docket No. 4323 at 21% income tax rate effective January 1, 2018				
12	Ratio	Rate	Weighted Rate	Taxes	Return
13	Long Term Debt	49.95%	4.96%	2.48%	2.48%
14	Short Term Debt	0.76%	0.79%	0.01%	0.01%
15	Preferred Stock	0.15%	4.50%	0.01%	0.01%
16	Common Equity	49.14%	9.50%	4.67%	1.24%
17		<u>100.00%</u>	<u>7.17%</u>	<u>1.24%</u>	<u>8.41%</u>
18					
19	(d) - Column (c) x 21% divided by (1 - 21%)				
20					
21	Weighted Average Cost of Capital as approved in RIPUC Docket No. 4770 effective September 1, 2018				
22	Ratio	Rate	Weighted Rate	Taxes	Return
23	Long Term Debt	48.35%	4.62%	2.23%	2.23%
24	Short Term Debt	0.60%	1.76%	0.01%	0.01%
25	Preferred Stock	0.10%	4.50%	0.00%	0.00%
26	Common Equity	50.95%	9.28%	4.73%	1.26%
27		<u>100.00%</u>	<u>6.97%</u>	<u>1.26%</u>	<u>8.23%</u>
28					
29	(d) - Column (c) x 21% divided by (1 - 21%)				
30					
31	FY18 Blended Rate	Line 7(e) x 75% + Line 17(e) x 25%			9.36%
32					
33	FY19 Blended Rate	Line 17 x 5 ÷ 12 + Line 27 x 7 ÷ 12			8.31%
34					
35	FY20 and after Rate	Line 27(e)			8.23%



The Narragansett Electric Company  
d/b/a National Grid  
FY 2022 Incremental Capital Investment

Line No.		Fiscal Year 2022 (a)	In Base Rates Included In Docket No. 4770 (b)	Amount to be Included in FY 2021 ISR (c) = (a) - (b)
	<b><u>Non Discretionary Capital</u></b>			
1	FY 2022 Proposed Non-Discretionary Capital Additions	\$40,668,000	\$0	\$40,668,000
	<b><u>Discretionary Capital</u></b>			
2	Cumulative FY 2021 Discretionary Capital ADDITIONS	\$467,828,667		
3	FY 2022 Discretionary Capital ADDITIONS	\$57,819,000		
4	Cumulative Actual Discretionary Capital Additions	\$525,647,667		
5	Cumulative FY 2021 Discretionary Capital SPENDING	\$506,479,859		
6	FY 2022 Discretionary Capital SPENDING	\$62,165,000		
7	Cumulative Actual Discretionary Capital Spending	\$568,644,859		
8	Cumulative FY 2021 Approved Discretionary Capital SPENDING	\$490,326,536		
9	FY 2022 Approved Discretionary Capital SPENDING	\$62,165,000		
10	Cumulative Actual Approved Discretionary Capital Spending	\$552,491,536		
11	Cumulative Allowed Discretionary Capital Included in Rate Base	\$525,647,667		
12	Prior Year Cumulative Allowed Discretionary Capital Included in Rate Base	\$467,828,667		
13	Total Allowed Discretionary Capital Included in Rate Base Current Year	\$57,819,000	\$0	\$57,819,000
14	<b>Total Allowed Capital Included in Rate Base Current Year</b>	<b>\$98,487,000</b>	<b>\$0</b>	<b>\$98,487,000</b>
15	Intangible Assets included in Total Allowed Discretionary Capital			\$0
16	<b>Total Allowed Discretionary Capital Included in non-Intangible Rate Base Current Year</b>			<b>\$98,487,000</b>

Column (a) Section 2, Chart 19, Col 2, Column (b) -  
Docket No. 4770, Schedule 11-ELEC, Page 5 of 20,  
Line 5, Column (k).

Docket 4915 + Docket 4995

Section 2, Chart 19, Col 2  
Line 2 + Line 3

Docket 4915 + Docket 4995  
Section 2, Chart 19, Col 1  
Line 5 + Line 6

Docket 4915 + Docket 4995  
Section 2, Chart 19, Col 1  
Line 8 + Line 9

Lesser of Line 4, Line 7, or Line 10

Docket No. 4915 -ISR Plan Reconciliation

Line 11 - Line 12

Line 1 + Line 13

Section 2, Chart 10, Column 2 note

Line 14 - Line 15

The Narragansett Electric Company  
Infrastructure, Safety and Reliability Plan Factors Calculations - Summary  
Summary of Compliance Factors  
(for the 12 months beginning April 1, 2021)

	<u>Residential</u> <u>A-16 / A-60</u> (a)	<u>Small C&amp;I</u> <u>C-06</u> (b)	<u>General C&amp;I</u> <u>G-02</u> (c)	<u>Large Demand</u> <u>B-32</u> (d)	<u>Large Demand</u> <u>G-32</u> (e)	<u>Lighting</u> <u>S-05 / S-06</u> <u>S-10 / S-14</u> (f)	<u>Propulsion</u> <u>X-01</u> (g)
(1) O&M Factor per kWh	\$0.00204	\$0.00201	\$0.00178	\$0.00089	\$0.00089	\$0.01137	\$0.00042
(2) O&M Factor per kW	n/a	n/a	n/a	\$0.05	n/a	n/a	n/a
(3) CapEx kWh Charge	\$0.00544	\$0.00456	n/a	n/a	n/a	\$0.00688	\$0.00059
(4) CapEx kW Charge	n/a	n/a	\$1.44	\$1.39	\$1.39	n/a	n/a
(5) Back-Up Service CapEx kW Charge	n/a	n/a	n/a	\$0.13	n/a	n/a	n/a

- (1) Page 2, Line (6); Column (d) applicable to supplemental kWh deliveries only
- (2) Page 4, Column (a), Line (4), applicable to backup service only
- (3) Page 3, Line (6)
- (4) Columns (c), (d), and (e) per Page 3, Line (8); Column (d) applicable to supplemental service only
- (5) Page 4, Column (a), Line (6), applicable to backup service only

The Narragansett Electric Company  
FY22 Compliance Operations & Maintenance Factors  
(for the 12 months beginning April 1, 2021)

	<u>Total</u>	<u>Residential</u>	<u>Small C&amp;I</u>	<u>General C&amp;I</u>	<u>Large Demand</u>	<u>Lighting</u>	<u>Propulsion</u>
	<u>(a)</u>	<u>A-16 / A60</u>	<u>C-06</u>	<u>G-02</u>	<u>B-32 / G-32</u>	<u>S-05 / S-06</u>	<u>X-01</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1) FY2022 Forecasted Vegetation Management (VM) and Inspection & Maintenance (I&M) O&M Expense	\$11,983,000						
(2) Operating & Maintenance Expense - Rate Year Allowance (\$000s)	\$44,205	\$22,620	\$4,919	\$7,563	\$7,045	\$2,036	\$22
(3) Percentage of Total	100.00%	51.17%	11.13%	17.11%	15.94%	4.61%	0.05%
(4) Allocated Vegetation Management (VM) and Inspection & Maintenance (I&M) O&M Expense	\$11,983,000	\$6,131,783	\$1,333,432	\$2,050,162	\$1,909,744	\$551,915	\$5,964
(5) Forecasted kWh - April 2021 through March 2022	6,994,551,209	2,996,207,346	661,482,394	1,147,651,847	2,126,713,294	48,502,568	13,993,760
(6) Compliance Vegetation Management (VM) and Inspection & Maintenance (I&M) O&M Expense Charge per kWh		\$0.00204	\$0.00201	\$0.00178	\$0.00089	\$0.01137	\$0.00042

- (1) per Section 5: Attachment 1 (C), page 1, line (4) column (b)
- (2) per RIPUC 4770, Compliance Attachment 6, (Schedule 1B), page 3, line 88
- (3) Line (2), Columns (b) through (g) ÷ Line (2) Total
- (4) Line (1) x Line (3)
- (5) per Docket 5127 (2021 Annual Retail Rate Filing), Schedule ELF-9
- (6) Line (4) ÷ Line (5), truncated to 5 decimal places

The Narragansett Electric Company  
FY22 Compliance CapEx Factors  
(for the 12 months beginning April 1, 2021)

	<u>Total</u>	<u>Residential</u>	<u>Small C&amp;I</u>	<u>General C&amp;I</u>	<u>Large Demand</u>	<u>Lighting</u>	<u>Propulsion</u>
	<u>(a)</u>	<u>A-16 / A60</u>	<u>C-06</u>	<u>G-02</u>	<u>B-32 / G-32</u>	<u>S-05 / S-06</u>	<u>X-01</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1) FY2022 Capital Investment Component of Revenue Requirement	\$29,374,719						
(2) Total Rate Base (\$000s)	\$729,511	\$404,995	\$75,009	\$117,155	\$123,849	\$8,296	\$208
(3) Percentage of Total	100.00%	55.52%	10.28%	16.06%	16.98%	1.14%	0.03%
(4) Allocated Revenue Requirement	\$29,374,719	\$16,307,643	\$3,020,325	\$4,717,408	\$4,986,946	\$334,034	\$8,364
(5) Forecasted kWh - April 2021 through March 2022	6,994,551,209	2,996,207,346	661,482,394	1,147,651,847	2,126,713,294	48,502,568	13,993,760
(6) Compliance CapEx Factor - kWh charge		\$0.00544	\$0.00456	n/a	n/a	\$0.00688	\$0.00059
(7) Forecasted kW - April 2021 through March 2022				3,270,485	3,563,865		
(8) Compliance CapEx Factor - kW Charge		n/a	n/a	\$1.44	\$1.39	n/a	n/a

- (1) per Section 5: Attachment 1 (C), page 1, Line (13), Column (b)  
(2) RIPUC 4770, Compliance Attachment 6, (Schedule 1A), page 1, Line 9  
(3) Line (2), Columns (b) through (g) ÷ Line (2) Total  
(4) Line (1) x Line (3)  
(5) per Docket 5127 (2021 Annual Retail Rate Filing), Schedule ELF-9  
(6) For non demand-based rate classes, Line (4) ÷ Line (5), truncated to 5 decimal places  
(7) per Company forecasts  
(8) For demand-based rate classes, Line (4) ÷ Line (7), truncated to 2 decimal places  
Note: charges apply to kW>10 for rate class G-02 and kW>200 for rate class B-32/G-32

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

	Large Demand <u>B-32</u> (a)
<u>Operations &amp; Maintenance Factors</u>	
(1) Allocated Vegetation Management (VM) and Inspection & Maintenance (I&M) O&M Expense	\$1,909,744
(2) Forecasted kW - April 2021 through March 2022	3,563,865
(3) Vegetation Management (VM) and Inspection & Maintenance (I&M) O&M Expense Charge per kW	\$0.53
(4) Compliance Discounted O&M kW Factor Charge effective 4/1/2021	\$0.05
<u>CapEx Factors</u>	
(5) Compliance CapEx kW Factor Charge effective 4/01/2021	\$1.39
(6) Compliance Discounted CapEx kW Factor Charge effective 4/1/2021	\$0.13

- (1) Page 2, Line (4), Column (e)
- (2) per Company forecasts
- (3) Line (1) ÷ Line (2), truncated to 2 decimal places
- (4) Line (3) x .10, truncated to two decimal places
- (5) Page 3, Line (8), Column (e)
- (6) Line (5) x .10, truncated to two decimal places

The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Compliance  
Rates Applicable to A-16 Rate Customers

Monthly kWh (a)	Rates Effective October 1, 2020				Compliance Rates				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill				Percentage of Customers (r)
	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)=(a)+(b)+(c)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)=(f)+(g)+(h)	Delivery Services (j)=(f)-(b)	Supply Services (k)=(g)-(c)	GET (l)=(h)-(d)	Total (m)=(j)+(k)+(l)	Delivery Services (n)=(j)/(e)	Supply Services (o)=(k)/(e)	GET (p)=(l)/(e)	Total (q)=(m)/(e)	
150	\$25.79	\$15.56	\$1.72	\$43.07	\$26.00	\$15.56	\$1.73	\$43.29	\$0.21	\$0.00	\$0.01	\$0.22	0.5%	0.0%	0.0%	0.5%	30.1%
300	\$42.63	\$31.11	\$3.07	\$76.81	\$43.05	\$31.11	\$3.09	\$77.25	\$0.42	\$0.00	\$0.02	\$0.44	0.5%	0.0%	0.0%	0.6%	12.9%
400	\$53.85	\$41.48	\$3.97	\$99.30	\$54.41	\$41.48	\$4.00	\$99.89	\$0.56	\$0.00	\$0.03	\$0.59	0.6%	0.0%	0.0%	0.6%	11.6%
500	\$65.07	\$51.85	\$4.87	\$121.79	\$65.77	\$51.85	\$4.90	\$122.52	\$0.70	\$0.00	\$0.03	\$0.73	0.6%	0.0%	0.0%	0.6%	9.6%
600	\$76.29	\$62.22	\$5.77	\$144.28	\$77.13	\$62.22	\$5.81	\$145.16	\$0.84	\$0.00	\$0.04	\$0.88	0.6%	0.0%	0.0%	0.6%	7.7%
700	\$87.51	\$72.59	\$6.67	\$166.77	\$88.49	\$72.59	\$6.71	\$167.79	\$0.98	\$0.00	\$0.04	\$1.02	0.6%	0.0%	0.0%	0.6%	19.0%
1,200	\$145.62	\$124.44	\$11.17	\$279.23	\$145.30	\$124.44	\$11.24	\$280.98	\$1.68	\$0.00	\$0.07	\$1.75	0.6%	0.0%	0.0%	0.6%	6.8%
2,000	\$233.40	\$207.40	\$18.37	\$459.17	\$236.20	\$207.40	\$18.48	\$462.08	\$2.80	\$0.00	\$0.11	\$2.91	0.6%	0.0%	0.0%	0.6%	2.3%

Line Item on Bill

Compliance Rates

(1) Distribution Customer Charge	(s)	(t)	(u)
(2) LIHEAP Enhancement Charge	\$6.00	\$6.00	Customer Charge
(3) Renewable Energy Growth Program Charge	\$0.80	\$0.80	LIHEAP Enhancement Charge
(4) Distribution Charge (per kWh)	\$2.16	\$2.16	RE Growth Program
(5) Operating & Maintenance Expense Charge	\$0.04580	\$0.04580	
(6) Operating & Maintenance Expense Reconciliation Factor	\$0.00212	\$0.00204	
(7) CapEx Factor Charge	\$0.00002	\$0.00002	
(8) CapEx Reconciliation Factor	\$0.00396	\$0.00544	
(9) Revenue Decoupling Adjustment Factor	\$0.00118	\$0.00090	Distribution Energy Charge
(10) Pension Adjustment Factor	(\$0.00073)	(\$0.00073)	
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288	
(12) Acreage Management Adjustment Factor	\$0.00015	\$0.00015	
(13) Performance Incentive Factor	\$0.00005	\$0.00005	
(14) Low Income Discount Recovery Factor	\$0.00176	\$0.00176	
(15) Long-term Contracting for Renewable Energy Charge	\$0.00931	\$0.00931	Renewable Energy Distribution Charge
(16) Net Metering Charge	\$0.00266	\$0.00266	
(17) Base Transmission Charge	\$0.03096	\$0.03096	
(18) Transmission Adjustment Factor	(\$0.00189)	(\$0.00189)	Transmission Charge
(19) Transmission Uncollectible Factor	\$0.00038	\$0.00038	
(20) Base Transition Charge	(\$0.00074)	(\$0.00074)	Transition Charge
(21) Transition Adjustment	(\$0.00008)	(\$0.00008)	
(22) Energy Efficiency Program Charge	\$0.01353	\$0.01353	Energy Efficiency Programs
(23) Standard Offer Service Base Charge	\$0.09568	\$0.09568	
(24) SOS Adjustment Factor	(\$0.00294)	(\$0.00294)	
(25) SOS Administrative Cost Adjustment Factor	\$0.00230	\$0.00230	Supply Services Energy Charge
(26) Renewable Energy Standard Charge	\$0.00866	\$0.00866	

Line Item on Bill	(s)	(t)	(u)
(27) Customer Charge	\$6.00	\$6.00	
(28) LIHEAP Enhancement Charge	\$0.80	\$0.80	
(29) RE Growth Program	\$2.16	\$2.16	
(30) Transmission Charge	\$0.02945	\$0.02945	
(31) Distribution Energy Charge	\$0.05800	\$0.05800	
(32) Transition Charge	(\$0.00082)	(\$0.00082)	
(33) Energy Efficiency Programs	\$0.01353	\$0.01353	
(34) Renewable Energy Distribution Charge	\$0.01197	\$0.01197	
(35) Supply Services Energy Charge	\$0.10370	\$0.10370	

Column (s): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020

Column (t): Line (5) per Section 6(C), Page 1, Line (1), Column (a), Line (7) per Section 6(C), Page 1, Line (3), Column (a), All other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020



The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Compliance  
Rates Applicable to A-60 Rate Customers

Monthly kWh	Rates Effective October 1, 2020			Compliance Rates			Rates Effective October 1, 2020			Compliance Rates			Increase (Decrease) % of Total Bill			Percentage of Customers		
	Delivery Services (b)	Supply Services (c)	Low Income Discounted (d) = (10)(e) / (f) - 30	GET (f)	Total (g) = (c) + (d) + (e) + (f)	Delivery Services (h)	Supply Services (i)	Low Income Discounted (j) = (10)(k) / (l) - 30	GET (l)	Total (m) = (h) + (i) + (j) + (l)	Delivery Services (n) = (10)(o) / (p) - 30	Supply Services (o)	Low Income Discounted (q) = (10)(r) / (s) - 30	GET (s)	Total (t) = (n) + (o) + (q) + (s)		(u) = (t) - (m)	(v) = (u) / (m)
150	\$25.53	\$15.56	(\$12.33)	\$28.76	\$29.96	\$25.74	\$15.56	(\$12.39)	\$28.91	\$30.11	\$0.15	\$0.00	(\$0.00)	\$0.00	\$0.15	0.5%	0.0%	0.5%
300	\$42.10	\$31.11	(\$21.96)	\$51.25	\$53.39	\$42.52	\$31.11	(\$22.09)	\$51.54	\$53.69	\$0.29	\$0.00	\$0.01	\$0.00	\$0.30	0.5%	0.0%	0.6%
400	\$53.14	\$41.48	(\$28.39)	\$66.23	\$68.99	\$53.70	\$41.48	(\$28.55)	\$66.63	\$69.41	\$0.40	\$0.00	\$0.02	\$0.00	\$0.42	0.6%	0.0%	0.6%
500	\$64.19	\$51.85	(\$34.81)	\$81.23	\$84.61	\$64.89	\$51.85	(\$35.02)	\$81.72	\$85.13	\$0.49	\$0.00	\$0.03	\$0.00	\$0.52	0.6%	0.0%	0.6%
600	\$75.24	\$62.22	(\$41.24)	\$96.22	\$100.23	\$76.08	\$62.22	(\$41.49)	\$96.81	\$100.84	\$0.59	\$0.00	\$0.02	\$0.00	\$0.61	0.6%	0.0%	0.6%
700	\$86.28	\$72.59	(\$47.66)	\$111.21	\$115.84	\$87.26	\$72.59	(\$47.96)	\$111.89	\$116.55	\$0.68	\$0.00	\$0.03	\$0.00	\$0.71	0.6%	0.0%	0.6%
1,200	\$141.51	\$124.44	(\$79.79)	\$186.16	\$193.92	\$143.19	\$124.44	(\$80.29)	\$187.34	\$195.15	\$1.18	\$0.00	\$0.05	\$0.00	\$1.23	0.6%	0.0%	0.6%
2,000	\$229.88	\$207.40	(\$131.18)	\$306.10	\$318.85	\$232.68	\$207.40	(\$132.02)	\$308.06	\$320.90	\$1.96	\$0.00	\$0.09	\$0.00	\$2.05	0.6%	0.0%	0.6%

Rates Effective October 1, 2020

Line Item on Bill

	(w)	(x)	(y)
(1) Distribution Customer Charge	\$6.00	\$6.00	\$6.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$2.16	\$2.16	\$2.16
(4) Distribution Charge (per kWh)	\$0.04580	\$0.04580	\$0.04580
(5) Operating & Maintenance Expense Charge	\$0.00212	\$0.00212	\$0.00212
(6) Operating & Maintenance Expense Reconciliation Factor	\$0.00396	\$0.00396	\$0.00396
(7) CapEx Factor Charge	\$0.00090	\$0.00090	\$0.00090
(8) CapEx Reconciliation Factor	\$0.00118	\$0.00118	\$0.00118
(9) Revenue Decoupling Adjustment Factor	(\$0.00073)	(\$0.00073)	(\$0.00073)
(10) Pension Adjustment Factor	\$0.00288	\$0.00288	\$0.00288
(11) Storm Fund Replenishment Factor	\$0.00015	\$0.00015	\$0.00015
(12) Acreage Management Adjustment Factor	\$0.00005	\$0.00005	\$0.00005
(13) Performance Incentive Factor	\$0.00000	\$0.00000	\$0.00000
(14) Low Income Discount Recovery Factor	\$0.00931	\$0.00931	\$0.00931
(15) Long-term Contracting for Renewable Energy Charge	\$0.00266	\$0.00266	\$0.00266
(16) Net Metering Charge	\$0.03096	\$0.03096	\$0.03096
(17) Base Transmission Charge	(\$0.00189)	(\$0.00189)	(\$0.00189)
(18) Transmission Adjustment Factor	\$0.00038	\$0.00038	\$0.00038
(19) Transmission Uncollectible Factor	(\$0.00074)	(\$0.00074)	(\$0.00074)
(20) Base Transition Charge	\$0.01353	\$0.01353	\$0.01353
(21) Transition Adjustment	\$0.04568	\$0.04568	\$0.04568
(22) Energy Efficiency Program Charge	(\$0.00294)	(\$0.00294)	(\$0.00294)
(23) Standard Offer Service Base Charge	\$0.00230	\$0.00230	\$0.00230
(24) SCS Administrative Cost Adjustment Factor	\$0.00866	\$0.00866	\$0.00866
(25) SCS Administrative Cost Adjustment Factor	\$0.00866	\$0.00866	\$0.00866
(26) Renewable Energy Standard Charge	\$6.00	\$6.00	\$6.00
(27) Customer Charge	\$0.80	\$0.80	\$0.80
(28) LIHEAP Enhancement Charge	\$2.16	\$2.16	\$2.16
(29) RE Growth Program	\$0.02945	\$0.02945	\$0.02945
(30) Transmission Charge	\$0.05633	\$0.05633	\$0.05633
(31) Distribution Energy Charge	(\$0.00862)	(\$0.00862)	(\$0.00862)
(32) Transition Charge	\$0.01355	\$0.01355	\$0.01355
(33) Energy Efficiency Programs	\$0.00230	\$0.00230	\$0.00230
(34) Renewable Energy Distribution Charge	\$0.03770	\$0.03770	\$0.03770
(35) Supply Services Energy Charge	30%	30%	30%
(36) Discount percentage	30%	30%	30%

Column (w): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020  
Column (x): Line (5) per Section 6 (C), Page 1, Line (1), Column (a), Line (7) per Section 6 (C), Page 1, Line (3), Column (a). All other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020



The Narragansett Electric Company  
Calculation of Monthly Typical Bill  
Total Bill Impact of Compliance  
Rates Applicable to C-06 Rate Customers

Monthly kWh (a)	Rates Effective October 1, 2020				Compliance Rates				Increase (Decrease) % of Total Bill				Percentage of Customers (f)			
	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e) = (b) + (c) + (d)	Delivery Services (f) = (i) - (b)	Supply Services (g)	GET (h)	Total (i) = (f) + (g) + (h)	Delivery Services (j) = (f) - (b)	Supply Services (k) = (g) - (c)	GET (l) = (h) - (d)	Total (m) = (j) + (k) + (l)		Delivery Services (n) = (j) / (e)	Supply Services (o) = (k) / (e)	GET (p) = (l) / (e)
250	\$41.13	\$23.34	\$2.69	\$67.16	\$41.39	\$23.34	\$2.70	\$67.43	\$0.26	\$0.00	\$0.01	\$0.27	0.4%	0.0%	0.0%	0.4%
500	\$68.11	\$46.67	\$4.78	\$119.56	\$68.64	\$46.67	\$4.80	\$120.11	\$0.53	\$0.00	\$0.02	\$0.55	0.4%	0.0%	0.0%	0.5%
1,000	\$122.06	\$93.34	\$8.98	\$224.38	\$123.12	\$93.34	\$9.02	\$225.48	\$1.06	\$0.00	\$0.04	\$1.10	0.5%	0.0%	0.0%	0.5%
1,500	\$176.02	\$140.01	\$13.17	\$329.20	\$177.61	\$140.01	\$13.23	\$330.85	\$1.59	\$0.00	\$0.06	\$1.65	0.5%	0.0%	0.0%	0.5%
2,000	\$229.97	\$186.68	\$17.36	\$434.01	\$232.09	\$186.68	\$17.45	\$436.22	\$2.12	\$0.00	\$0.09	\$2.21	0.5%	0.0%	0.0%	0.5%
													Compliance Rates			
													(s)			
													(t)			
													Line Item on Bill			
(1) Distribution Customer Charge													\$10.00	Customer Charge		
(2) LIHEAP Enhancement Charge													\$0.80	LIHEAP Enhancement Charge		
(3) Renewable Energy Growth Program Charge													\$3.35	RE Growth Program		
(4) Distribution Charge (per kWh)													\$0.0482			
(5) Operating & Maintenance Expense Reconciliation Factor													\$0.0020			
(6) Operating & Maintenance Expense Reconciliation Factor													\$0.0002			
(7) CapEX Factor Charge													\$0.00339			
(8) CapEX Reconciliation Factor													\$0.00085			
(9) Revenue Decoupling Adjustment Factor													\$0.00118	Distribution Energy Charge		
(10) Pension Adjustment Factor													(\$0.00073)			
(11) Storm Fund Replenishment Factor													\$0.00288			
(12) Average Management Adjustment Factor													\$0.00015			
(13) Performance Incentive Factor													\$0.00005			
(14) Low Income Discount Recovery Factor													\$0.00176			
(15) Long-term Contracting for Renewable Energy Charge													\$0.00931	Renewable Energy Distribution Charge		
(16) Net Metering Charge													\$0.00266			
(17) Base Transmission Charge													\$0.03110			
(18) Transmission Adjustment Factor													(\$0.00467)	Transmission Charge		
(19) Transmission Unrecoverable Factor													\$0.00051			
(20) Base Transition Charge													(\$0.00074)	Transition Charge		
(21) Transition Adjustment													(\$0.00008)	Energy Efficiency Programs		
(22) Energy Efficiency Program Charge													\$0.01353			
(23) Standard Offer Service Base Charge													\$0.08150			
(24) SOS Adjustment Factor													\$0.00094	Supply Services Energy Charge		
(25) SOS Administrative Cost Adjustment Factor													\$0.00224			
(26) Renewable Energy Standard Charge													\$0.00866			
													Line Item on Bill			
(27) Customer Charge													\$10.00			
(28) LIHEAP Enhancement Charge													\$0.80			
(29) RE Growth Program													\$3.35			
(30) Distribution Charge													\$0.02674			
(31) Distribution Energy Charge													\$0.05649			
(32) Transition Charge													(\$0.00082)			
(33) Energy Efficiency Programs													\$0.01353			
(34) Renewable Energy Distribution Charge													\$0.01197			
(35) Supply Services Energy Charge													\$0.09334			

Column (s): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020  
Column (t): Line (5) per Section 6 (C), Page 1, Line (1), Column (b), Line (7) per Section 6 (C), Page 1, Line (3), Column (b). All other rates per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 10/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 10/1/2020



