Division 19-1

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 46-47, will the feeder monitoring systems located in Rhode Island be capitalized? If so, will they be capitalized on the books of Narragansett Electric or the Service Company? If capitalized on the books of the Service Company, please explain why they could not be capitalized on the books of Narragansett Electric.

Response:

Yes. The feeder monitoring systems located in Rhode Island are capital investments and would be capitalized on the books of the Company.

(This response is identical to the Company's response to Division 6-1 in Docket No. 4780.)

Division 19-2

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 46-47, are there any reasons why the Company could not propose the installation of feeder monitoring systems within the ISR process and recover the costs through the pre-existing ISR mechanism, rather than recovering the costs through the proposed PST cost tracker tariff?

Response:

Chapter 3 of the Company's Power Sector Transformation (PST) Plan provides a holistic view of investments to enable a modern electric distribution system; feeder monitoring sensors are an important part of the PST Plan. Presenting these investments as a holistic suite provides clarity and transparency for stakeholders in Rhode Island on the overall investment roadmap and associated costs. Furthermore, the annual nature of the Plan facilitates a level of flexibility and the ability to respond to advances in National Grid's Massachusetts and New York jurisdictions.

Although feeder monitoring sensors would meet the safety and reliability requirements of the Infrastructure, Safety, and Reliability (ISR) Plan, the ongoing annual operating and maintenance costs associated with data and communications elements of this investment would not fit within the statutorily prescribed categories of the ISR Plan.

(This response is identical to the Company's response to Division 6-2 in Docket No. 4780.)

Division 19-3

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 47, why is the Company waiting until FY20 to commence the program to install the additional feeder monitoring systems and not starting sooner? Are there any practical impediments to commencing sooner?

Response:

The Company presented the feeder monitoring sensors project in the Power Sector Transformation (PST) Plan filing to provide a holistic view of investments associated with the objectives of the PST Plan. If the Public Utilities Commission (PUC) approves the PST tracker and proposed annual review process, then the Company would seek to include the feeder monitoring systems in its first annual PST Plan that it proposes to file with the PUC by December 1, 2018 for approval by April 1, 2019. The only practical impediment to starting earlier is that the Company does not expect to have approval for funding of the program until Fiscal Year 2020.

(This response is identical to the Company's response to Division 6-3 in Docket No. 4780.)

Division 19-4

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 53, are there any reasons why the Company could not propose the RTU Separation within the ISR process and recover the costs through the pre-existing ISR mechanism, rather than recovering the costs through a PST cost tracker tariff?

Response:

The Company presented the remote terminal unit (RTU) separation project in the Power Sector Transformation (PST) Plan filing because it is directly linked with the proposed DSCADA and ADMS investments associated with the control center upgrades in the PST Plan. In addition to the capital costs associated with the RTUs, there are annual operating and maintenance costs associated with the data and communications requirements for the project that do not fit within the statutorily prescribed categories of the Infrastructure, Safety, and Reliability (ISR) process.

(This response is identical to the Company's response to Division 6-4 in Docket No. 4780.)

Division 19-5

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 53, are there any reasons why the Company could not propose to implement the RTU Separation sooner and include the costs in an amended cost of service filed in Docket 4770 that includes these costs in the revenue requirement for the Rate Year in that case?

Response:

The remote terminal unit (RTU) separation project is associated with the control center upgrades of DSCADA and ADMS also proposed in the Power System Transformation (PST) Plan. The Company does not recommend advancing with the RTU separation project until such time as the Public Utilities Commission has issued findings with respect to the full portfolio of projects within the PST Plan and approved the Company's proposed PST tracker.

(This response is identical to the Company's response to Division 6-5 in Docket No. 4780.)

Division 19-6

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 44-46, why is the Company waiting until FY20 to fully implement the System Data Portal and not starting sooner? Are there any practical impediments to commencing sooner?

Response:

The Company is starting implementation of the System Data Portal sooner than FY20. In collaboration with interested parties, the Company secured \$80K in System Reliability Procurement (SRP) funding for FY19 to jump start and begin the initial work on developing new data sets for the System Data Portal. Because the Company believes the System Data Portal project better aligns with the Power Sector Transformation (PST) goals and stakeholder review process, the Company included System Data Portal funding for FY20 and beyond for illustrative purposes in the PST filing. PST funding for FY20 and beyond will be to perform the detailed studies associated with desired data sets to be posted on the portal.

(This response is identical to the Company's response to Division 6-6 in Docket No. 4780.)

Division 19-7

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 44-46, are there any reasons why the System Data Portal cannot be implemented sooner and the costs included in an amended cost of service filed in Docket 4770 that includes these costs in the revenue requirement for the Rate Year in that case?

Response:

The Company is starting implementation of the System Data Portal in fiscal year (FY) 2019, through the System Reliability Procurement (SRP) Plan, to jump start the effort of setting up the web portal and beginning the initial work of developing new data sets to be posted on the System Data Portal. Funding this initial work in SRP will enable the Company to begin work in April 2018 - sooner than would have been possible through Docket No. 4770 or Docket No. 4780.

Beyond this initial phase of work, if Public Utilities Commission approval was granted in the FY2020 PST Plan to move ahead with the next phase of work starting April 1, 2019, the System Data Portal could be implemented as soon as would otherwise be possible in Docket No. 4770. The System Data Portal project is a better fit for the Power System Transformation (PST) Plan than base distribution rates or the SRP Plan because it better aligns with the PST goals and stakeholder review process. Therefore, the Company considers the PST Plan to be the right vehicle through which to implement this program.

(This response is identical to the Company's response to Division 6-7 in Docket No. 4780.)

Division 19-8

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 56-60, Section 3.5 ("Operational Data Management"), please identify the line or lines where the annual revenue requirement for the initiatives in this section appears in Appendix 10.2, page 1 of 21 and Appendix 10.3, page 1 of 21. If they do not appear in these Appendices, please explain why not and provide the annual revenue requirements, including both O&M and revenue requirement on capital investments for these initiatives.

Response:

The Company's revenue requirements, as shown in Appendix 10.2 and 10.3, include the operating and maintenance (O&M) costs by each initiative; however, the revenue requirements for capital investments were calculated at the portfolio level and were not itemized by each initiative.

Please refer to Attachment DIV 19-8-1 (Rhode Island Only scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction scenario) for the revenue requirements, O&M and capital investments, for each initiative as described in Section 3.5, Operational Data Management.

In preparing the Company's response, it was determined that the Company inadvertently removed the O&M costs for Geographic Information System (GIS) Data Enhancement in fiscal year (FY) 2019 in its filing dated January 12, 2018; therefore, the Company has added these costs back in to the revenue requirement calculation for FY2019 as shown on line 22 of page 1 of Attachment DIV 19-8-1 (Rhode Island Only scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction scenario). Additionally, the Company shifted its costs for Distribution Supervisory Control and Data Acquisition (DSCADA) & Advanced Distribution Management System (ADMS) initiative by one fiscal year to better align with the New York jurisdiction as shown on line 18 of page 1 of Attachment DIV 19-8-1 (Rhode Island Only scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction scenario). The Company has also updated the revenue requirement summaries for the Rhode Island Only scenario and the Multi-Jurisdiction scenario on pages 1 and 2, respectively, of Appendix 10.1 – Revised, which is provided as Attachment DIV 19-8-3, to reflect these updates.

(This response is identical to the Company's response to Division 6-8 in Docket No. 4780.)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 1 of 3

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Grid Mod Projects Annual Revenue Requirement Summary - RI Only

Line No.			Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Capex - Electric				
1	Feeder Monitoring Sensor	FY20 - Pg. 55; FY21 - Pg. 57; FY22 - Pg. 59	\$0	\$26,261	\$92,520	\$157,314
2	RTU Separation	FY20 - Pg. 77; FY21 - Pg. 79; FY22 - Pg. 81	\$0	\$30,709	\$129,979	\$218,855
3	Combined Capex Total	Ü	\$0	\$56,970	\$222,499	\$376,169
		IS Capex - Electric & Gas				
		FY20 - Pg. 45; FY21 - Pg. 47;				
4	Enterprise Service Bus	FY22 - Pg. 49	\$0	\$0	\$0	\$1,769,092
5	Data Lake	FY20 - Pg. 25; FY21 - Pg. 27; FY22 - Pg. 29	\$0	\$152,041	\$290,178	\$268,357
3	Data Lake	FY20 - Pg. 67; FY21 - Pg. 69;	40	\$152,041	\$270,176	\$200,337
6	PI Historian	FY22 - Pg. 71	\$0	\$49,190	\$93,881	\$86,821
_		FY20 - Pg. 5; FY21 - Pg. 7;				
7	Advanced Analytics	FY22 - Pg. 9	\$0	\$515,564	\$1,586,465	\$2,434,763
8	Telecommunications	FY20 - Pg. 88; FY21 - Pg. 90; FY22 - Pg. 92	\$0	\$33,157	\$80,181	\$107,872
	Tologonimamouno	FY20 - Pg. 15; FY21 - Pg. 17;	40	433,137	400,101	\$107,072
9	Cybersecurity	FY22 - Pg. 19	\$0	\$1,509,936	\$3,630,479	\$4,594,897
		FY20 - Pg. 35; FY21 - Pg. 37;				
10	DSCADA	FY22 - Pg. 39	\$0	\$0	\$0	\$0
11	IS Capex Total		\$0	\$2,259,887	\$5,681,184	\$9,261,803
		O&M - Electric & Gas				
12	Enterprise Service Bus	Pg. 44	\$0	\$801,000	\$1,952,000	\$2,047,000
13	Data Lake	Pg. 24	\$0	\$843,000	\$1,214,000	\$1,642,000
14	PI Historian	Pg. 66	\$0	\$52,000	\$2,052,000	\$2,052,000
15	Advanced Analytics	Pg. 4	\$0	\$108,000	\$1,349,000	\$1,589,000
16	Telecommunications	Pg. 87	\$0	\$0	\$1,950,000	\$2,925,000
17	Cybersecurity	Pg. 14	\$0	\$8,371,000	\$4,224,000	\$3,368,000
18 19	DSCADA	Pg. 34	\$0 \$0	\$436,000 \$0	\$0	\$90,000
20	Feeder Monitoring Sensor RTU Separation	Pg. 54 Pg. 76	\$0 \$0	\$60,000	\$5,000 \$60,000	\$10,000 \$60,000
21	GIS Data Enhancement (BR)	Pg. 64	\$0 \$0	\$00,000	\$1,028,000	\$1,028,000
22	GIS Data Enhancement (IS)	Pg. 65	\$3,049,000	\$0	\$1,020,000	\$1,020,000
23	System Data Portal	Pg. 86	\$0	\$700,000	\$700,000	\$700,000
24	O&M Total	Ü	\$3,049,000	\$11,371,000	\$14,534,000	\$15,511,000
25	Total Revenue Requirement		\$3,049,000	\$13,687,858	\$20,437,682	\$25,148,972

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 2 of 3

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Electric Grid Mod Projects Annual Revenue Requirement Summary - RI Only

Line No.			Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Electric Capex				
1	Feeder Monitoring Sensor	Pg. 54	\$0	\$26,261	\$92,520	\$157,314
2	RTU Separation	Pg. 76	\$0	\$30,709	\$129,979	\$218,855
3	Electric Capex Total	•	\$0	\$56,970	\$222,499	\$376,169
		IS Capex - Electric Only				
4	Enterprise Service Bus	Pg. 44	\$0	\$0	\$0	\$1,146,195
5	Data Lake	Pg. 24	\$0	\$98,507	\$188,006	\$173,869
6	PI Historian	Pg. 66	\$0	\$31,870	\$60,826	\$56,252
7	Advanced Analytics	Pg. 4	\$0	\$334,034	\$1,027,871	\$1,577,483
8	Telecommunications	Pg. 87	\$0	\$21,482	\$51,949	\$69,890
9	Cybersecurity	Pg. 14	\$0	\$978,288	\$2,352,188	\$2,977,034
10	DSCADA	Pg. 34	\$0	\$0	\$0	\$0
11	Electric IS Capex Total		\$0	\$1,464,181	\$3,680,839	\$6,000,722
		O&M - Electric Only				
12	Enterprise Service Bus	Pg. 44	\$0	\$518,968	\$1,264,701	\$1,326,251
13	Data Lake	Pg. 24	\$0	\$546,180	\$786,551	\$1,063,852
14	PI Historian	Pg. 66	\$0	\$33,691	\$1,329,491	\$1,329,491
15	Advanced Analytics	Pg. 4	\$0	\$69,973	\$874,017	\$1,029,513
16	Telecommunications	Pg. 87	\$0	\$0	\$1,263,405	\$1,895,108
17	Cybersecurity	Pg. 14	\$0	\$5,423,571	\$2,736,730	\$2,182,127
18	DSCADA	Pg. 34	\$0	\$282,484	\$0	\$58,311
19	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$5,000	\$10,000
20	RTU Separation	Pg. 76	\$0	\$60,000	\$60,000	\$60,000
21	GIS Data Enhancement (BR)	Pg. 64	\$0	\$0	\$1,028,000	\$1,028,000
22	GIS Data Enhancement (IS)	Pg. 65	\$3,049,000	\$0	\$0	\$0
23	System Data Portal	Pg. 86	\$0	\$700,000	\$700,000	\$700,000
24	Electric O&M Total		\$3,049,000	\$7,634,867	\$10,047,894	\$10,682,653
25	Total Electric Revenue Requiremen	ıt	\$3,049,000	\$9,156,018	\$13,951,232	\$17,059,544

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 3 of 3

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Gas Grid Mod Projects Annual Revenue Requirement Summary - RI Only

Line No.	-		Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Gas Capex				
1	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$0	\$0
2	RTU Separation	Pg. 76	\$0	\$0	\$0	\$0
3	Gas Capex Total		\$0	\$0	\$0	\$0
		IS Capex - Electric Only				
4	Enterprise Service Bus	Pg. 44	\$0	\$0	\$0	\$622,897
5	Data Lake	Pg. 24	\$0	\$53,534	\$102,172	\$94,489
6	PI Historian	Pg. 66	\$0	\$17,320	\$33,056	\$30,570
7	Advanced Analytics	Pg. 4	\$0	\$181,530	\$558,594	\$857,280
8	Telecommunications	Pg. 87	\$0	\$11,674	\$28,232	\$37,982
9	Cybersecurity	Pg. 14	\$0	\$531,649	\$1,278,292	\$1,617,863
10	DSCADA	Pg. 34	\$0	\$0	\$0	\$0
11	Gas IS Capex Total		\$0	\$795,706	\$2,000,345	\$3,261,081
		O&M - Gas Only				
12	Enterprise Service Bus	Pg. 44	\$0	\$282,032	\$687,299	\$720,749
13	Data Lake	Pg. 24	\$0	\$296,820	\$427,449	\$578,148
14	PI Historian	Pg. 66	\$0	\$18,309	\$722,509	\$722,509
15	Advanced Analytics	Pg. 4	\$0	\$38,027	\$474,983	\$559,487
16	Telecommunications	Pg. 87	\$0	\$0	\$686,595	\$1,029,893
17	Cybersecurity	Pg. 14	\$0	\$2,947,429	\$1,487,270	\$1,185,873
18	DSCADA	Pg. 34	\$0	\$153,516	\$0	\$31,689
19	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$0	\$0
20	RTU Separation	Pg. 76	\$0	\$0	\$0	\$0
21	GIS Data Enhancement (BR)	Pg. 64	\$0	\$0	\$0	\$0
22	GIS Data Enhancement (IS)	Pg. 65	\$0	\$0	\$0	\$0
23	System Data Portal	Pg. 86	\$0	\$0	\$0	\$0
24	Gas O&M Total		\$0	\$3,736,133	\$4,486,106	\$4,828,347
25	Total Gas Revenue Requirement		\$0	\$4,531,839	\$6,486,451	\$8,089,428

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 1 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Advanced Analytics Annual Revenue Requirement Summary

Line No.				Fiscal Year Ending March 31, 2019 (a)	1	Fiscal Year Ending March 31, 2020 (b)	1	Fiscal Year Ending March 31, 2021 (c)		Year Ending ch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		\$	-	\$	-	\$		\$	-
2	Feeder Monitoring Sensors		\$	-	\$	-	\$		\$	-
3	RTU Separation		\$	-	\$	-	\$		\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$		\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$		\$	-
6	GIS Data Enhancement		\$	-	\$	-	\$		\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$		\$	-
8	Data Lake		\$ \$	-	\$	-	\$		\$	-
9 10	PI Historian		\$		\$ \$	69,973	\$ \$	874.017	\$	1.029.513
10	Advanced Analytics Telecommunications		\$		\$	69,973	\$		\$	1,029,513
12	Cybersecurity		\$		\$		\$		э \$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$		\$			874,017		1,029,513
13	Total Electric Oxfor Costs	Sum of Lines 1 through 12	٠	•	,	05,573	Φ	874,017	φ	1,029,313
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		s		\$	_	s		\$	_
15	GIS Data Enhancement		s		\$	_	s		\$	-
16	Enterprise Service Bus		s		\$	_	s		\$	-
17	Data Lake		\$		\$		s		\$	
18	PI Historian		\$	-	\$	-	\$	-	\$	-
19	Advanced Analytics		\$	-	\$	38,027	\$	474,983	\$	559,487
20	Telecommunications		\$	-	\$	-	\$	-	\$	-
21	Cybersecurity		\$	-	\$	-	\$	-	\$	
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	38,027	\$	474,983	\$	559,487
23	Total O&M Expenses	Line 13 + Line 22	\$		\$	108,000	\$	1,349,000	\$	1,589,000
24	Electric Capital Investment:					****				
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$334,034		\$637,522		\$589,581
26 27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$390,349		\$749,543 \$238,358
21	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$238,338
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27	_	-		\$334,034		\$1,027,871		\$1,577,483
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$181,530		\$346,460		\$320,407
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$101,550		\$212,134		\$407,338
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							Q212,131		\$129,535
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32				\$181,530		\$558,594		\$857,280
34	Total Electric Revenue Requirement	Line 13 + Line 28	\$			\$404,007		\$1,901,888		\$2,606,996
35	Total Gas Revenue Requirement	Line 22 + Line 33	\$	-		\$219,557		\$1,033,577		\$1,416,767
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35	\$	-	\$	623,564	\$	2,935,465	\$	4,023,763
			_							

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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Attachment DIV 19-8-1 Page 2 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - Advanced Analytics IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment				.,
1	Advanced Analytics		\$4,727,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$4,727,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$4,727,000 \$0	\$0 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$4,727,000	\$4,727,000	\$4,727,000
6	<u>Change in Net Capital Included in Rate Base</u> Capital Included in Rate Base	Line 2	\$4,727,000	\$0	\$0
Ü	Capital included in Kate Base	Line 2	\$4,727,000	φ0	30
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$4,727,000	\$4,727,000	\$4,727,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$3,939,127	\$525,288	\$175,017
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$3,939,127	\$4,464,415	\$4,639,432
	Book Depreciation				
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	\$337,643	\$675,286	\$675,286
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$337,643	\$1,012,929	\$1,688,214
15	Total Cumulative Book Depreciation	Line 14	\$337,643	\$1,012,929	\$1,688,214
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$3,601,484	\$3,451,486	\$2,951,218
17	Effective Tax Rate		21.00%	21.00%	21.00%
18 19	Deferred Tax Reserve Less: FY 2020 Federal NOL	Line 16 * Line 17	\$756,312 \$0	\$724,812 \$0	\$619,756 \$0
19	Less: F1 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	30	20	\$0
20	Less: Proration Adjustment	Cor (a) = Page 8 of 10, Line 40; Cor (b) = Page 9 of 10, Line 40; Cor (c) = Page 10 of 10, Line 40	(\$410,619)	\$17,102	\$57,037
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$345,693	\$741,914	\$676,793
	D. D. G. Li				
22	Rate Base Calculation: Cumulative Incremental Capital Included in Rate Base	Line 8	\$4,727,000	\$4,727,000	\$4,727,000
23	Accumulated Depreciation	- Line 15	(\$337,643)	(\$1,012,929)	(\$1,688,214)
24	Deferred Tax Reserve	- Line 21	(\$345,693)	(\$741,914)	(\$676,793)
25	Year End Rate Base	Sum of Lines 22 through 24	\$4,043,664	\$2,972,157	\$2,361,993
	Davison Davison and Calculation				
	Revenue Requirement Calculation:	Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year			
26	Average Rate Base	Line 25 + Current Year Line 25) \div 2	\$2,021,832.00	\$3,507,911	\$2,667,075
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$177.921	\$308.696	\$234,703
29	Book Depreciation	Line 13	\$337,643	\$675,286	\$675,286
30	Annual Revenue Requirement	Line 28 + Line 29	\$515,564	\$983,982	\$909,988
			. , , .	. , .	

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Do	cket No. 4770,	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - Advanced Analytics IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
1101	Capital Repairs Deduction		(4)	(0)	(0)
1	Plant Additions	Page 2 of 10, Line 2	\$4,727,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$4,727,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$4,727,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$4,727,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$3,545,250		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$4,727,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$3,545,250		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$1,181,750	\$1,181,750	\$1,181,750
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$393,877	\$525,288	\$175,017
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$3,939,127	\$525,288	\$175,017

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - Advanced Analytics IS

Line No.					Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment					X.,
1	Advanced Analytics				\$5,419,000	
2	Total Estimated Capital Investment		Sum of Lines 1		\$5,419,000	\$0
	Depreciable Net Capital Included in Rate Base					
3	Total Allowed Capital Included in Rate Base in Current Year		Line 2		\$5,419,000	\$0
4 5	Retirements Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - L	Line $4 * 0\%$ ine 4; Column (b and c) = 1	Prior Year Line 5	\$0 \$5,419,000	\$0 \$5,419,000
	Change in Net Capital Included in Rate Base					
6	Capital Included in Rate Base		Line 2		\$5,419,000	\$0
7	Cost of Removal				\$0	\$0
8	Total Net Plant in Service Including Cost of Removal		Line 5 + Line 7		\$5,419,000	\$5,419,000
	T. D. 144					
0	Tax Depreciation					
9 10	Vintage Year Tax Depreciation: FY 2021 Spend	D	age 16 of 21, Line 21		\$1,806,153	\$2,408,746
11	Cumulative Tax Depreciation		ige 16 of 21, Line 21 Line 11 + Current Year Lir	ne 10	\$1,806,153	\$4,214,899
11	Cumumitive Tax Depreciation	Thor rear	ane 11 + Current Tear En	ic 10	\$1,000,133	\$4,214,077
	Book Depreciation					
12	Composite Book Depreciation Rate	As filed pe	R.I.P.U.C. Docket No. 4	770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Li	ne 12 * 50%; Column (b)	= Line 1 * Line 12	\$387,071	\$774,143
14	Cumulative Book Depreciation	Prior Year	Line 14 + Current Year Lir	ne 13	\$387,071	\$1,161,214
15	Total Cumulative Book Depreciation		Line 14		\$387,071	\$1,161,214
	Deferred Tax Calculation:					
16	Cumulative Book / Tax Timer		Line 11 - Line 14		\$1,419,082	\$3,053,685
17	Effective Tax Rate				21.00%	21.00%
18	Deferred Tax Reserve		Line 16 * Line 17		\$298,007	\$641,274
19	Less: FY 2021 Federal NOL				\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10.	Line 40; Col (b) = Page 1	0 of 10, Line 40	(\$161,795)	(\$186,367)
21	Net Deferred Tax Reserve	Sun	of Lines 18 through 20		\$136,212	\$454,907
	Rate Base Calculation:					
22	Cumulative Incremental Capital Included in Rate Base		Line 8		\$5,419,000	\$5,419,000
23	Accumulated Depreciation		- Line 15		(\$387,071)	(\$1,161,214)
24	Deferred Tax Reserve		- Line 21		(\$136,212)	(\$454,907)
25	Year End Rate Base	Sun	of Lines 22 through 24		\$4,895,716	\$3,802,879
	Revenue Requirement Calculation:					
		Column (a) = Current Year l	Line 25 ÷ 2; Column (b) =	(Prior Year Line 25 +		
26	Average Rate Base	Cur	rent Year Line 25) ÷ 2		\$2,447,858.09	\$4,349,298
		Weighted Average Cost of		C. Docket No. 4770,		
27	Pre-Tax ROR		Workpaper MAL-6		8.80%	8.80%
28	Return and Taxes		Line 26 * Line 27		\$215,412	\$382,738
29	Book Depreciation		Line 13		\$387,071	\$774,143
30	Annual Revenue Requirement		Line 28 + Line 29		\$602,483	\$1,156,881
30	Annual Revenue Requirement		Line 28 + Line 29		\$602,483	\$1,156,8
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket	No. 4770, Schedule MAL-6 Ratio	Rate	Rate	Taxes	Return
	Long Term Debt	50.00%	3.70%	1.85%	- 4,000	1.85%
	Short Term Debt	0.00%	0.00%	0.00%		0.00%
	Preferred Stock	0.00%	0.00%	0.00%		0.00%
	Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
		100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - Advanced Analytics IS

Capital Repairs Deduction Plant Additions Capital Repairs Deduction Rate Capital Repairs Deduction Bonus Depreciation Plant Additions Less Capital Repairs Deduction	Page 4 of 10, Line 2 Per Tax Department Line 1 * Line 2 Line 1	March 31, 2021 (a) \$5,419,000 0.00% \$0	March 31, 2022 (b)
Plant Additions Capital Repairs Deduction Rate Capital Repairs Deduction Bonus Depreciation Plant Additions	Per Tax Department Line 1 * Line 2	\$5,419,000 0.00%	(b)
Plant Additions Capital Repairs Deduction Rate Capital Repairs Deduction Bonus Depreciation Plant Additions	Per Tax Department Line 1 * Line 2	0.00%	
Capital Repairs Deduction Rate Capital Repairs Deduction Bonus Depreciation Plant Additions	Per Tax Department Line 1 * Line 2	0.00%	
Capital Repairs Deduction Bonus Depreciation Plant Additions	Line 1 * Line 2		
Bonus Depreciation Plant Additions		\$0	
Plant Additions	Line 1		
	Line 1		
Less Capital Repairs Deduction		\$5,419,000	
	Line 3	\$0	
Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$5,419,000	
Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$5,419,000	
Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
Bonus Depreciation	Line 8 * Line 11	\$0	
Remaining Tax Depreciation			
Plant Additions	Line 1	\$5,419,000	
Less Capital Repairs Deduction	Line 3	\$0	
Less Bonus Depreciation	Line 12	\$0	
Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$5,419,000	\$5,419,000
3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
Remaining Tax Depreciation	Line 16 * Line 17	\$1,806,153	\$2,408,746
FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
F F	Plant Additions Less Capital Repairs Deduction Less Bonus Depreciation Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation Less Hacks Tax Depreciation Less Remaining Tax Depreciation	Plant Additions Line 1 Less Capital Repairs Deduction Line 3 Less Bonus Depreciation Line 12 Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation Line 13 - Line 14 - Line 15 LYR MACRS Tax Depreciation Rates Per IRS Publication 946 Remaining Tax Depreciation Line 16 * Line 17 EV21 Loss incurred due to retirements Per Tax Department	Plant Additions Line 1 \$5,419,000 Less Capital Repairs Deduction Line 3 \$0 Less Bonus Depreciation Line 12 \$0 Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation Line 13 - Line 14 - Line 15 \$5,419,000 LYR MACRS Tax Depreciation Rates Per IRS Publication 946 33.330% Remaining Tax Depreciation Line 16 * Line 17 \$1,806,153 PY21 Loss incurred due to retirements Per Tax Department \$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Advanced Analytics IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(u)
1	Advanced Analytics		\$3,309,000
2	Total Estimated Capital Investment	Sum of Line 1	\$3,309,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$3,309,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$3,309,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$3,309,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$3,309,000
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$1,102,890
11	Cumulative Tax Depreciation	Current Year Line 10	\$1,102,890
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$236,357
14	Cumulative Book Depreciation	Current Year Line 13	\$236,357
15	Total Cumulative Book Depreciation	Line 14	\$236,357
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$866,533
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$181,972
19	Less: FY 2022 Federal NOL		\$0
20	Less: Proration Adjustment	Col = Page 10 of 10, Line 40	(\$98,797)
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$83,175
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$3,309,000
23	Accumulated Depreciation	- Line 15	(\$236,357)
24	Deferred Tax Reserve	- Line 21	(\$83,175)
25	Year End Rate Base	Sum of Lines 22 through 24	\$2,989,468
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$1,494,733.79
25	p. m. pop	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	0.00
27	Pre-Tax ROR	MAL-6	8.80%
28 29	Return and Taxes Book Depreciation	Line 26 * Line 27 Line 13	\$131,537 \$236,357
30	Annual Revenue Requirement	Line 28 + Line 29	\$367,894

1/	Weighted Average Cost of	Capital as file in I	R.I.P.U.C. Dock	et No. 4770, Sc	hedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - Advanced Analytics IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$3,309,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$3,309,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$3,309,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$3,309,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$3,309,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$3,309,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$1,102,890
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$1,102,890

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Advanced Analytics IS

				(a)= Column (b)	(b)	
Line				(4)	Vintage Year	
No.	Deferred Tax Subject to Proration			Total	March 31, 2020	
1	Book Depreciation	Page 2 of 10,	Line 13	\$337,643	\$337,643	
2	Bonus Depreciation	Page 3 of 10, -		(\$3,545,250)	(\$3,545,250)	
3	Remaining MACRS Tax Depreciation	Page 3 of 10, -		(\$393,877)	(\$393,877)	
4	FY20 tax (gain)/loss on retirements	Page 3 of 10, - Line 19		\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lines 1		(\$3,601,484)	(\$3,601,484)	
6	Effective Tax Rate	Per Tax Depa		21.00%	21.00%	
7	Deferred Tax Reserve	Line 5 * L		(\$756,312)	(\$756,312)	
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3 of 10,	Line 3	\$0	\$0	
9	Cost of Removal	Page 3 of 10,		\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2020	_		\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + Line 9	+ Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 11 * L	ine 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7 + Li	ne 13	(\$756,312)	(\$756,312)	
15	Net Operating Loss	Page 2 of 10,	Line 19	\$0	\$0	
16	Net Deferred Tax Reserve	Line 14 + L	ine 15	(\$756,312)	(\$756,312)	
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col(b) = L	ine 5	(\$3,601,484)	(\$3,601,484)	
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 1	1	\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		(\$3,601,484)	(\$3,601,484)	
20	Total FY 2020 Federal NOL	Page 2 of 10, Lin	ie 19 / 21%	\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Line 19		\$0	\$0	
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Line 19		\$0	\$0	
23	Effective Tax Rate	Per Tax Depa	artment	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 22 * L	ine 23	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line 7 + Li	ne 24	(\$756,312)	(\$756,312)	
	, ,	(2)	(2)		** ,	
		(i)	(j)			
	Proration Calculation	Number of Days in Month Pr	roration Percentage	(k)= Sum of (l)	(1)	
26	April 2019	30	91.78%	(\$57,846)	(\$57,846)	
27	May 2019	31	83.29%	(\$52,493)	(\$52,493)	
28	June 2019	30	75.07%	(\$47,313)	(\$47,313)	
29	July 2019	31	66.58%	(\$41,960)	(\$41,960)	
30	August 2019	31	58.08%	(\$36,607)	(\$36,607)	
31	September 2019	30	49.86%	(\$31,427)	(\$31,427)	
32	October 2019	31	41.37%	(\$26,074)	(\$26,074)	
33	November 2019	30	33.15%	(\$20,894)	(\$20,894)	
34	December 2019	31	24.66%	(\$15,541)	(\$15,541)	
35	January 2020	31	16.16%	(\$10,188)	(\$10,188)	
36	February 2020	28	8.49%	(\$5,353)	(\$5,353)	
37	March 2020	31	0.00%	\$0	\$0	
38	Total	365	5.50/0	(\$345,693)	(\$345,693)	
39	Deferred Tax Without Proration	Line 2:	5	(\$756,312)	(\$756,312)	
40	Proration Adjustment	Line 38 - Li		\$410,619	\$410,619	
70	1 Totation / Agustinent	Line 36 - Li	IIIC 37	φ+10,019	φτι0,019	

Column Notes:

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration

RI Only Grid Mod - Advanced Analytics IS

(a)=Sum of (b)

					through (c)	(b)	(c)	
					tinough (c)	Vintage Year	Vintage Year	
Line					Total	March 31, 2021	March 31, 2020	
No.	Deferred Tax Subject to Proration							
		Col (b) = Page 4 of 1	0, Line 13; Col (e) = Page				
1	Book Depreciation		0, Line 13	, ,	\$1,062,357	\$387,071	\$675,286	
2	Bonus Depreciation	Page 5 o	of 10, Line 12		\$0	\$0		
3	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 1	0, Line 18; Col (e) = Page				
3	Remaining MACKS Tax Depreciation	3 of 1	0, Line 18		(\$2,331,441)	(\$1,806,153)	(\$525,288)	
		Col(b) = Page 5 of 1	0. Line 19: Col () = Page				
4	FY21 tax (gain)/loss on retirements		0, Line 19	,	\$0	\$0		
5	Cumulative Book / Tax Timer		nes 1 through 4		(\$1,269,084)	(\$1,419,082)	\$149,998	
6	Effective Tax Rate	Per Tax	Department		21.00%	21.00%	21.00%	
7	Deferred Tax Reserve	Line	5 * Line 6		(\$266,508)	(\$298,007)	\$31,500	
	Deferred Tax Not Subject to Proration							
8	Capital Repairs Deduction		of 10, Line 3		\$0	\$0		
9	Cost of Removal	Page 5 o	of 10, Line 20		\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2021				\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10		\$0	\$0		
12	Effective Tax Rate				21.00%	21.00%		
13	Deferred Tax Reserve	Line 1	1 * Line 12		\$0	\$0		
14	Total Deferred Tax Reserve	T to a fi	7 + Line 13		(\$266,508)	(\$298,007)	\$31,500	
14	Total Deferred Tax Reserve				(\$200,308)	(\$298,007)	\$51,500	
15	Not Operating Less	Col (b) = Page 4 of 1	0, Line 19; Col (c .0, Line 19	e) = Page	\$0	\$0	\$0	
16	Net Operating Loss Net Deferred Tax Reserve		4 + Line 15		(\$266,508)	(\$298,007)	\$31,500	
10	Net Deferred Tax Reserve	Line i	4 + Line 13		(\$200,308)	(\$298,007)	\$51,500	
	Allocation of FY 2021 Estimated Federal NOL							
17	Cumulative Book/Tax Timer Subject to Proration	Col (l	b) = Line 5		(\$1,269,084)	(\$1,419,082)	\$149,998	
18	Cumulative Book/Tax Timer Not Subject to Proration	L	ine 11		\$0	\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18		(\$1,269,084)	(\$1,419,082)	\$149,998	
		Col (b) = Page 4 of 1	0, Line 19; Col (e) = Page				
20	Total FY 2021 Federal NOL	2 of 10, 1	Line 19 / 21%		\$0	\$0	\$0	
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 / Li	ine 19) * Line 20		\$0	\$0	\$0	
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / Li	ine 19) * Line 20		\$0	\$0	\$0	
23	Effective Tax Rate				21.00%	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23		\$0	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line 7	7 + Line 24		(\$266,508)	(\$298,007)	\$31,500	
		(i)	(j)					
		Number of Days in			(k)= Sum of (l)			
	Proration Calculation	<u>Month</u>	Proration Per		through (m)	(l)	(m)	
26	April 2020		30	91.78%	(\$20,384)	(\$22,793)	\$2,409	
27	May 2020		31	83.29%	(\$18,497)	(\$20,684)	\$2,186	
28	June 2020		30	75.07%	(\$16,672)	(\$18,642)	\$1,971	
29	July 2020		31	66.58%	(\$14,786)	(\$16,533)	\$1,748	
30	August 2020		31	58.08%	(\$12,899)	(\$14,424)	\$1,525	
31	September 2020		30	49.86%	(\$11,074)	(\$12,383)	\$1,309	
32 33	October 2020 November 2020		31 30	41.37%	(\$9,188)	(\$10,274)	\$1,086	
33	November 2020 December 2020		30 31	33.15% 24.66%	(\$7,362) (\$5,476)	(\$8,233)	\$870 \$647	
35	January 2021		31	24.06% 16.16%	(\$5,476) (\$3,590)	(\$6,123) (\$4,014)	\$647 \$424	
35 36	February 2021		28	8.49%	(\$1,886)	(\$4,014)	\$424 \$223	
37	March 2021		26 31	0.00%	(\$1,886)	(\$2,109)	\$223 \$0	
38	Total		55	0.0070	(\$121,815)	(\$136,212)	\$14,398	
					(+-=-,010)	(+,212)	,070	
39	Deferred Tax Without Proration	L	ine 25		(\$266,508)	(\$298,007)	\$31,500	
40	Proration Adjustment	Line 3	8 - Line 39		\$144,693	\$161,795	(\$17,102)	

 ⁽j) Sum of remaining days in the year (Col (i)) ÷ 365
 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration of Fiscal Year 2022 Net Deterreu Law Nove - - - RI Only Grid Mod - Advanced Analytics IS (a)=Sum of (b)

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
		Col (b) = Page 6 of 1	0, Line 13; Col (c) =				
1	Book Depreciation	Page 4 of 10, Line 13;					
	•	Line		\$1,685,786	\$236,357	\$774,143	\$675,286
2	Bonus Depreciation	Page 7 of 1	0, Line 12	\$0	\$0		
	r	Col (b) = Page 7 of 1					
3	Remaining MACRS Tax Depreciation	Page 5 of 10, Line 18;					
-		Line		(\$3,686,653)	(\$1,102,890)	(\$2,408,746)	(\$175,017)
				(43,000,033)	(\$1,102,070)	(42,100,710)	(\$175,017)
		Col (b) = Page 7 of 1					
		Page 5 of 10, Line 19;					
4	FY22 tax (gain)/loss on retirements	Line		\$0	\$0	(01 (24 (02)	0500.250
5	Cumulative Book / Tax Timer	Sum of Lines		(\$2,000,867)	(\$866,533)	(\$1,634,603)	\$500,269
6	Effective Tax Rate	Per Tax D		21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5 *	Line 6	(\$420,182)	(\$181,972)	(\$343,267)	\$105,056
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 of		\$0	\$0		
9	Cost of Removal	Page 7 of 1	0, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Line	9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 11 *	Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7 +	Line 13	(\$420,182)	(\$181,972)	(\$343,267)	\$105,056
		Col (b) = Page 6 of 1	0, Line 19; Col (c) =				
		Page 4 of 10, Line 19;	Col(c) = Page 2 of 10,				
15	Net Operating Loss	Line	: 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 +	Line 15	(\$420,182)	(\$181,972)	(\$343,267)	\$105,056
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) :	= Line 5	(\$2,000,867)	(\$866,533)	(\$1,634,603)	\$500,269
18	Cumulative Book/Tax Timer Not Subject to Proration	Line	: 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17 +	Line 18	(\$2,000,867)	(\$866,533)	(\$1,634,603)	\$500,269
		Col (b) = Page 6 of 1	0, Line 19; Col (c) =				
		Page 4 of 10, Line 19;	Col(c) = Page 2 of 10,				
20	Total FY 2022 Federal NOL	Line 19	/ 21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration	(Line 18 / Line	19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 17 / Line	19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate	Per Tax D	epartment	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22 *	Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 +	Line 24	(\$420,182)	(\$181,972)	(\$343,267)	\$105,056
		(i)	(j)				
		Number of Days in		(Ir) - Cum of (I)			
	Proration Calculation	Number of Days in Month	Proration Percentage	(k)= Sum of (l) through (n)	(1)	(m)	(n)
26	April 2021	30				(m)	(n)
26	*		91.78%	(\$32,137)	(\$13,918)	(\$26,254)	\$8,035
27	May 2021	31	83.29%	(\$29,163)	(\$12,630)	(\$23,825)	\$7,292
28	June 2021	30	75.07%	(\$26,285)	(\$11,384)	(\$21,474)	\$6,572
29	July 2021	31	66.58%	(\$23,311)	(\$10,096)	(\$19,044)	\$5,828
30	August 2021	31	58.08%	(\$20,338)	(\$8,808)	(\$16,615)	\$5,085
31	September 2021	30	49.86%	(\$17,460)	(\$7,561)	(\$14,264)	\$4,365
32	October 2021	31	41.37%	(\$14,486)	(\$6,273)	(\$11,834)	\$3,622
33	November 2021	30	33.15%	(\$11,608)	(\$5,027)	(\$9,483)	\$2,902
34	December 2021	31	24.66%	(\$8,634)	(\$3,739)	(\$7,053)	\$2,159
35	January 2022	31	16.16%	(\$5,660)	(\$2,451)	(\$4,624)	\$1,415
36	February 2022	28	8.49%	(\$2,974)	(\$1,288)	(\$2,430)	\$744
37	March 2022	31	0.00%	(\$102.056)	\$0	\$0	\$0
38	Total	365		(\$192,056)	(\$83,175)	(\$156,900)	\$48,019
20	Defend Too Wide of Decord		25	(0.120.102)	(6101.072)	(60.10.075)	0105.055
39	Deferred Tax Without Proration	Line		(\$420,182)	(\$181,972)	(\$343,267)	\$105,056
40	Proration Adjustment	Line 38 -	Line 39	\$228,126	\$98,797	\$186,367	(\$57,037)

Column Notes:

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 1 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Cybersecurity Annual Revenue Requirement Summary

Line <u>No.</u>	The control of the co			Year Ending rch 31,2019 (a)		cal Year Ending March 31, 2020 (b)	scal Year Ending March 31, 2021 (c)		Year Ending rch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:							_	
1	System Data Portal		\$	-	\$ \$	-	\$	\$	-
2	Feeder Monitoring Sensors		\$	-		-	\$	S	-
3	RTU Separation		\$	-	\$	-	\$	\$	-
4	GIS Data Enhancement (BR)		\$	-	\$	-	\$	\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$	\$	-
6	GIS Data Enhancement (IS)		\$	-	\$	-	\$	\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$	\$	-
8	Data Lake		\$	-	\$	-	\$	\$	-
9	PI Historian		\$	-	\$	-	\$	\$	-
10	Advanced Analytics		\$	-	\$	-	\$	\$	-
11	Telecommunications		\$	-	\$	-	\$ -	\$	-
12	Cybersecurity		\$	-	\$	5,423,571	\$ 2,736,730		2,182,127
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	5,423,571	\$ 2,736,730	\$	2,182,127
	Gas Operation and Maintenance (O&M) Expenses:								
14	DSCADA & ADMS		\$	-	\$	-	\$	\$	-
15	GIS Data Enhancement		\$	-	\$	-	\$	\$	-
16	Enterprise Service Bus		\$	-	\$	-	\$	\$	-
17	Data Lake		\$	-	\$	-	\$	\$	-
18	PI Historian		\$	-	\$	-	\$	\$	-
19	Advanced Analytics		\$	-	\$	-	\$ -	\$	-
20	Telecommunications		\$	-	\$	-	\$ -	\$	-
21	Cybersecurity		\$	-	\$	2,947,429	\$ 1,487,270	\$	1,185,873
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	2,947,429	\$ 1,487,270	\$	1,185,873
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$	8,371,000	\$ 4,224,000	\$	3,368,000
24	Electric Capital Investment:					6070 200	01.045.115		01.707.711
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$978,288	\$1,867,115		\$1,726,711
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$485,073		\$931,431
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$318,892
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27				\$978,288	\$2,352,188		\$2,977,034
20	Total Electric Capital Investment Component of Revenue Requirement	Suili of Lines 23 through 27	-			3970,200	\$2,332,100		\$2,977,034
29	Gas Capital Investment:								
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$531,649	\$1,014,680		\$938,378
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					9551,047	\$263,612		\$506,184
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment						\$203,012		\$173,301
32	Estimated Revenue Requirement on Fiscar Tear Ending Watch 31, 2022 Capital investment								\$175,501
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32		-		\$531,649	\$1,278,292		\$1,617,863
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$6,401,859	\$5,088,917		\$5,159,161
35	Total Gas Revenue Requirement	Line 22 + Line 33		-		\$3,479,078	\$2,765,562		\$2,803,736
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$	9,880,936	\$ 7,854,479	\$	7,962,897

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 2 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - Cybersecurity IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		(4)	(6)	(6)
1	Cybersecurity		\$13,844,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$13,844,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$13,844,000	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$13,844,000	\$13,844,000	\$13,844,000
6	<u>Change in Net Capital Included in Rate Base</u> Capital Included in Rate Base	Line 2	\$13,844,000	\$0	\$0
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$13,844,000	\$13,844,000	\$13,844,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$11,536,551	\$1,538,415	\$512,574
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$11,536,551	\$13,074,966	\$13,587,540
	1				
	Book Depreciation				
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%	14.29%
13 14	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line Prior Year Line 14 + Current Year Line 13	\$988,857	\$1,977,714 \$2,966,571	\$1,977,714
14	Cumulative Book Depreciation	Prior Tear Line 14 + Current Tear Line 13	\$988,857	\$2,900,371	\$4,944,286
15	Total Cumulative Book Depreciation	Line 14	\$988,857	\$2,966,571	\$4,944,286
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$10,547,694	\$10,108,395	\$8,643,254
17	Effective Tax Rate		21.00%	21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$2,215,016	\$2,122,763	\$1,815,083
19	Less: FY 2020 Federal NOL		\$0	\$0	\$0
		Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	= Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$1,202,582) \$1,012,434	\$50,086 \$2,172,849	\$167,046 \$1,982,129
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$1,012,434	\$2,172,849	\$1,982,129
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$13,844,000	\$13,844,000	\$13,844,000
23	Accumulated Depreciation	- Line 15	(\$988,857)	(\$2,966,571)	(\$4,944,286)
24	Deferred Tax Reserve	- Line 21	(\$1,012,434)	(\$2,172,849)	(\$1,982,129)
25	Year End Rate Base	Sum of Lines 22 through 24	\$11,842,709	\$8,704,580	\$6,917,585
	Revenue Requirement Calculation:				
		Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year			
26	Average Rate Base	Line 25 + Current Year Line 25) ÷ 2	\$5,921,354.37	\$10,273,644	\$7,811,082
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$521,079	\$904,081	\$687,375
29	Book Depreciation	Line 13	\$988,857	\$1,977,714	\$1,977,714

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

Line 28 + Line 29

30

Annual Revenue Requirement

\$1,509,936

\$2,881,795

\$2,665,090

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - Cybersecurity IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction		***		
1	Plant Additions	Page 2 of 10, Line 2	\$13,844,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$13,844,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$13,844,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$13,844,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$10,383,000		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$13,844,000		
14	Less Capital Repairs Deduction	Line 3	\$13,044,000		
15	Less Bonus Depreciation	Line 12	\$10,383,000		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$3,461,000	\$3,461,000	\$3,461,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$1,153,551	\$1,538,415	\$512,574
	5		7.,,	,,	T
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
		<u> </u>			
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$11,536,551	\$1,538,415	\$512,574
-1	Total Tax Depression and Repairs Deddedon		ψ11,550,551	Ψ1,550,415	\$312,374

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - Cybersecurity IS

Line No.					Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment				(4)	(-)
1	Cybersecurity				\$6,734,000	
2	Total Estimated Capital Investment		Sum of Lines 1		\$6,734,000	\$0
	Depreciable Net Capital Included in Rate Base					
3	Total Allowed Capital Included in Rate Base in Current Year		Line 2		\$6,734,000	\$0
4 5	Retirements Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Li	Line 4 * 0%	Prior Voor Lina 5	\$0 \$6,734,000	\$0 \$6,734,000
3		Colullii (a) = Lilie 3 - Li	le 4; Column (b and c) =	Prior real Line 3	\$6,734,000	\$6,734,000
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base		Line 2		\$6,734,000	\$0
7	Cost of Removal				\$0	\$0
8	Total Net Plant in Service Including Cost of Removal		Line 5 + Line 7		\$6,734,000	\$6,734,000
0	Total Net Flant in Service including Cost of Removal		Line 5 + Line 7		\$0,734,000	\$0,734,000
	<u>Tax Depreciation</u>					
9	Vintage Year Tax Depreciation:	=	16 601 71 01		, a a	de 002 2 45
10 11	FY 2021 Spend Cumulative Tax Depreciation		ge 16 of 21, Line 21 ine 11 + Current Year Li	ine 10	\$2,244,442 \$2,244,442	\$2,993,263 \$5,237,705
11	Cumulative Tax Depreciation	Thor real L	inc 11 + Current Tear Li	nic 10	32,244,442	\$3,237,703
	Book Depreciation					
12	Composite Book Depreciation Rate		R.I.P.U.C. Docket No.		14.29%	14.29%
13 14	Book Depreciation Cumulative Book Depreciation	Column (a) = Line 1 * Lin	e 12 * 50% ; Column (b) ine 14 + Current Year Li		\$481,000 \$481,000	\$962,000 \$1,443,000
14	Cumulative Book Depreciation	Prior Tear L	ine 14 + Current Tear Li	ille 13	\$461,000	\$1,443,000
15	Total Cumulative Book Depreciation		Line 14		\$481,000	\$1,443,000
	Deferred Tax Calculation:					
16	Cumulative Book / Tax Timer		Line 11 - Line 14		\$1,763,442	\$3,794,705
17 18	Effective Tax Rate Deferred Tax Reserve		Line 16 * Line 17		21.00% \$370,323	21.00% \$796,888
19	Less: FY 2021 Federal NOL		Ellie 10 Ellie 17		\$0,323	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10	Line 40; Col (b) = Page 1	10 of 10 Line 40	(\$201,057)	(\$231,592)
21	Net Deferred Tax Reserve		of Lines 18 through 20	10 01 10, <u>Line</u> 10	\$169,266	\$565,296
	Rate Base Calculation:					
22	Cumulative Incremental Capital Included in Rate Base		Line 8		\$6,734,000	\$6,734,000
23	Accumulated Depreciation		- Line 15		(\$481,000)	(\$1,443,000)
24	Deferred Tax Reserve		- Line 21		(\$169,266)	(\$565,296)
25	Year End Rate Base	Sum	of Lines 22 through 24		\$6,083,734	\$4,725,704
	Revenue Requirement Calculation:					
26	A	Column (a) = Current Year L	ine $25 \div 2$; Column (b) = rent Year Line 25) $\div 2$	(Prior Year Line 25 +	02.041.055.05	A5 404 510
26	Average Rate Base	Weighted Average Cost of		C Docket No. 4770	\$3,041,866.86	\$5,404,719
27	Pre-Tax ROR		Vorkpaper MAL-6	C. Docket 110. 4770,	8.80%	8.80%
28	Return and Taxes		Line 26 * Line 27		\$267,684	\$475,615
29	Book Depreciation		Line 13		\$481,000	\$962,000
30	Annual Revenue Requirement		Line 28 + Line 29		\$748,684	\$1,437,615
29	Annual Revenue Requirement		Line 13		\$481,000 \$748,684	
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket	No. 4770, Schedule MAL-6 Ratio	Rate	Rate	Taxes	Return
	Long Term Debt	50.00%	3.70%	1.85%	- unco	1.85%
	Short Term Debt	0.00%	0.00%	0.00%		0.00%
	Preferred Stock	0.00%	0.00%	0.00%		0.00%
	Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
		100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - Cybersecurity IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction	D 4 510 I 2	0 < 724 000	
1	Plant Additions	Page 4 of 10, Line 2	\$6,734,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$6,734,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$6,734,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$6,734,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$6,734,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$6,734,000	\$6,734,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$2,244,442	\$2,993,263
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
		-		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$2,244,442	\$2,993,263

THE NARRAGANSETT ELECTRIC COMPANY
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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Cybersecurity IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(=)
1	Cybersecurity		\$4,427,000
2	Total Estimated Capital Investment	Sum of Line 1	\$4,427,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$4,427,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$4,427,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$4,427,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$4,427,000
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$1,475,519
11	Cumulative Tax Depreciation	Current Year Line 10	\$1,475,519
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$316,214
14	Cumulative Book Depreciation	Current Year Line 13	\$316,214
15	Total Cumulative Book Depreciation	Line 14	\$316,214
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$1,159,305
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$243,454
19	Less: FY 2022 Federal NOL	0 1 D 10 C10 I 10	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$132,177) \$111,277
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$4,427,000
23	Accumulated Depreciation	- Line 15	(\$316,214)
24	Deferred Tax Reserve	- Line 21	(\$111,277)
25	Year End Rate Base	Sum of Lines 22 through 24	\$3,999,508
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$1,999,754.17
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$175,978
29	Book Depreciation	Line 13	\$316,214
30	Annual Revenue Requirement	Line 28 + Line 29	\$492,193

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Docket	No. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - Cybersecurity IS

Line			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$4,427,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$4,427,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$4,427,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$4,427,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$4,427,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$4,427,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$1,475,519
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$1,475,519

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Cybersecurity IS

					(a)= Column (b)	(b)	
Line	Defermed Ton Cubicat to December				T-4-1	Vintage Year	
<u>No.</u> 1	Deferred Tax Subject to Proration Book Depreciation	Page 2	of 10, Lir	no 12	<u>Total</u> \$988,857	March 31, 2020 \$988,857	
2	Bonus Depreciation		of 10, Li		(\$10,383,000)	(\$10,383,000)	
3	Remaining MACRS Tax Depreciation		of 10, - Li		(\$1,153,551)	(\$1,153,551)	
4	FY20 tax (gain)/loss on retirements		of 10, - Li		\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of L			(\$10,547,694)	(\$10,547,694)	
6	Effective Tax Rate		x Departi		21.00%	21.00%	
7	Deferred Tax Reserve		5 * Line		(\$2,215,016)	(\$2,215,016)	
,	Deterred Tax Reserve	Line) Line	o .	(\$2,213,010)	(ψ2,213,010)	
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 3	of 10, Li	ne 3	\$0	\$0	
9	Cost of Removal	Page 3	of 10, Lii	ne 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + 1	Line 9 + l	Line 10	\$0	\$0	
12	Effective Tax Rate				21.00%	21.00%	
13	Deferred Tax Reserve	Line	11 * Line	12	\$0	\$0	
14	Total Deferred Tax Reserve	Lina	7 + Line	12	(\$2,215,016)	(\$2,215,016)	
15	Net Operating Loss		of 10, Lin		\$0	\$0	
16	Net Deferred Tax Reserve	-	14 + Line		(\$2,215,016)	(\$2,215,016)	
10	Net Deletted Tax Reserve	Line	14 Line	13	(\$2,213,010)	(\$2,213,010)	
	Allocation of FY 2020 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col	(b) = Line	5	(\$10,547,694)	(\$10,547,694)	
18	Cumulative Book/Tax Timer Not Subject to Proration	1	Line 11		\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line	17 + Line	18	(\$10,547,694)	(\$10,547,694)	
20	Total FY 2020 Federal NOL	Page 2 of	10, Line 1	9 / 21%	\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / I	Line 19)	* Line 20	\$0	\$0	
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / I	Line 19)	* Line 20	\$0	\$0	
23	Effective Tax Rate	Per Ta	x Departi	nent	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line	22 * Line	23	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line	7 + Line	24	(\$2,215,016)	(\$2,215,016)	
	J				(, , -,,	(, , -,,	
		(i)		(j)			
		Number of Days i	in				
	Proration Calculation	Month	Prora	ation Percentage	(k)= Sum of (l)	(1)	
26	April 2019		30	91.78%	(\$169,413)	(\$169,413)	
27	May 2019		31	83.29%	(\$153,736)	(\$153,736)	
28	June 2019		30	75.07%	(\$138,565)	(\$138,565)	
29	July 2019		31	66.58%	(\$122,888)	(\$122,888)	
30	August 2019		31	58.08%	(\$107,211)	(\$107,211)	
31	September 2019		30	49.86%	(\$92,039)	(\$92,039)	
32	October 2019		31	41.37%	(\$76,362)	(\$76,362)	
33	November 2019		30	33.15%	(\$61,191)	(\$61,191)	
34	December 2019		31	24.66%	(\$45,514)	(\$45,514)	
35	January 2020		31	16.16%	(\$29,837)	(\$29,837)	
36	February 2020		28	8.49%	(\$15,677)	(\$15,677)	
37	March 2020		31	0.00%	\$0	\$0	
38	Total	3	365		(\$1,012,434)	(\$1,012,434)	
39	Deferred Tax Without Proration	,	Line 25		(\$2,215,016)	(\$2,215,016)	
39 40	Proration Adjustment		Line 25 38 - Line	39	\$1,202,582	\$1,202,582	
70	From Aujustinent	Line	Jo - Line	37	φ1,202,362	Ψ1,202,362	

Column Notes:

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 9 of 10

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Cybersecurity IS (a)=Sum of (b)

					(a)=Sum of (b)	(b)	(a)	
					through (c)	(b)	(c)	
T 1					T-4-1	Vintage Year	Vintage Year	
Line	Deformed Toy Subject to December				Total	March 31, 2021	March 31, 2020	
No.	Deferred Tax Subject to Proration	G 14) P 4 61	0.1: 10.01/	D				
1	Book Depreciation	Col (b) = Page 4 of 1	0, Line 13; Col (c) .0, Line 13	= Page	\$2,458,714	\$481,000	\$1,977,714	
2	Bonus Depreciation		of 10, Line 12		\$2,436,714	\$481,000	\$1,977,714	
2	Bonus Depreciation			D	\$ 0	\$0		
3	Remaining MACRS Tax Depreciation	Col(b) = Page 5 of 1		= Page	(\$2.792.957)	(60.044.440)	(61.529.415)	
			0, Line 18		(\$3,782,857)	(\$2,244,442)	(\$1,538,415)	
		Col(b) = Page 5 of 1		= Page				
4	FY21 tax (gain)/loss on retirements		0, Line 19		\$0	\$0	0.400.000	
5	Cumulative Book / Tax Timer		nes 1 through 4		(\$1,324,143)	(\$1,763,442)	\$439,299	
6	Effective Tax Rate		Department		21.00%	21.00%	21.00%	
7	Deferred Tax Reserve	Line	5 * Line 6		(\$278,070)	(\$370,323)	\$92,253	
	D.C. IT. N. C. I D							
	Deferred Tax Not Subject to Proration	D 6	C10 I: 2		0.0	0.0		
8	Capital Repairs Deduction	-	of 10, Line 3		\$0 \$0	\$0		
9	Cost of Removal	Page 5 (of 10, Line 20			\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2021 Cumulative Book / Tax Timer	Lina O . I	ine 9 + Line 10		\$0 \$0	\$0 \$0		
11 12	Effective Tax Rate	Lille 8 + I	lile 9 + Lille 10		21.00%	21.00%		
13	Deferred Tax Reserve	Time 1	1 * Line 12		\$0	21.00% \$0		
13	Deferred Tax Reserve	Line i	1 * Line 12		\$0	20		
14	Total Deferred Tax Reserve	Lina '	7 + Line 13		(\$278,070)	(\$370,323)	\$92,253	
14	Total Defended Tax Reserve			_	(\$278,070)	(\$370,323)	\$92,233	
1.5	N.O. d. I	Col(b) = Page 4 of 1		= Page	0.0	0.0	60	
15	Net Operating Loss		0, Line 19		\$0	\$0	\$0	
16	Net Deferred Tax Reserve	Line I	4 + Line 15		(\$278,070)	(\$370,323)	\$92,253	
	Allocation of FY 2021 Estimated Federal NOL							
17	Cumulative Book/Tax Timer Subject to Proration	Col	b) = Line 5		(\$1,324,143)	(\$1,763,442)	\$439,299	
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11		\$0	\$0	\$0	
19	Total Cumulative Book/Tax Timer		7 + Line 18		(\$1,324,143)	(\$1,763,442)	\$439,299	
17	Total California Dook Tax Tiller	Line 1	/ I Ellic 10		(\$1,524,145)	(\$1,703,442)	ψ - 32,227	
20	TO LEW 2021 E. L. INOI	Col(b) = Page 4 of 1		= Page	#0	#0	60	
20	Total FY 2021 Federal NOL		Line 19 / 21%		\$0	\$0	\$0	
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ine 19) * Line 20		\$0 \$0	\$0 \$0	\$0	
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / L	ine 19) * Line 20				\$0	
23	Effective Tax Rate	T	2 # T : 22		21.00%	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23		\$0	\$0	\$0	
25	Not Deferred Top December to the second	T to a	7 - Time 04		(¢270.070)	(6270.222)	602.252	
25	Net Deferred Tax Reserve subject to proration	Line	7 + Line 24		(\$278,070)	(\$370,323)	\$92,253	
		(3)	(2)					
		(i)	(j)					
		Number of Days in	-		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Perc		through (m)	(1)	(m)	
26	April 2020			91.78%	(\$21,268)	(\$28,324)	\$7,056	
27	May 2020		31	83.29%	(\$19,300)	(\$25,703)	\$6,403	
28	June 2020			75.07%	(\$17,395)	(\$23,166)	\$5,771	
29	July 2020		31	66.58%	(\$15,427)	(\$20,545)	\$5,118	
30	August 2020			58.08%	(\$13,459)	(\$17,924)	\$4,465	
31	September 2020		30	49.86%	(\$11,555)	(\$15,388)	\$3,833	
32	October 2020		31	41.37%	(\$9,586)	(\$12,767)	\$3,180	
33	November 2020		30	33.15%	(\$7,682)	(\$10,230)	\$2,549	
34	December 2020			24.66%	(\$5,714)	(\$7,609)	\$1,896	
35	January 2021			16.16%	(\$3,746)	(\$4,988)	\$1,243	
36	February 2021		28	8.49%	(\$1,968)	(\$2,621)	\$653	
37	March 2021		31	0.00%	\$0	\$0	\$0	
38	Total	3	55		(\$127,100)	(\$169,266)	\$42,167	
39	Deferred Tax Without Proration		ine 25		(\$278,070)	(\$370,323)	\$92,253	
40	Proration Adjustment	Line 3	8 - Line 39		\$150,970	\$201,057	(\$50,086)	

 ⁽j) Sum of remaining days in the year (Col (i)) ÷ 365
 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Cybersecurity IS (a)=Sum of (b)

				(a)=Sum of (b) through (d)	(b)	(c)	(d)
				tinough (u)	Vintage Year	Vintage Year	Vintage Year
Line				Total	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation	Page 4 of 10, Line 13;	10, Line 13; Col (c) = Col (d) = Page 2 of 10,				
2	Bonus Depreciation	Page 7 of	e 13 10, Line 12	\$3,255,929 \$0	\$316,214 \$0	\$962,000	\$1,977,714
3	Remaining MACRS Tax Depreciation	Page 5 of 10, Line 18;	10, Line 18; Col (c) = Col (d) = Page 3 of 10,				
		Col (b) = Page 7 of	e 18 10, Line 19; Col (c) =	(\$4,981,356)	(\$1,475,519)	(\$2,993,263)	(\$512,574)
			Col(d) = Page 3 of 10,				
4 5	FY22 tax (gain)/loss on retirements Cumulative Book / Tax Timer		e 19 s 1 through 4	\$0 (\$1,725,427)	\$0 (\$1,159,305)	(\$2,031,263)	\$1,465,140
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		* Line 6	(\$362,340)	(\$243,454)	(\$426,565)	\$307,679
0	Deferred Tax Not Subject to Proration	D 7 . 6	110 Time 2	¢o.	\$0		
8 9	Capital Repairs Deduction Cost of Removal		10, Line 3 10, Line 20	\$0 \$0	\$0 \$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022	rage / or	TO, EINC 20	\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Lin	e 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	Line 13	(\$362,340)	(\$243,454)	(\$426,565)	\$307,679
			10, Line 19; Col (c) =				
	W. 0		Col(c) = Page 2 of 10,		**	***	**
15	Net Operating Loss		e 19	\$0	\$0	\$0	\$0 \$307.679
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$362,340)	(\$243,454)	(\$426,565)	\$307,679
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)	= Line 5	(\$1,725,427)	(\$1,159,305)	(\$2,031,263)	\$1,465,140
18	Cumulative Book/Tax Timer Not Subject to Proration		e 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	(\$1,725,427)	(\$1,159,305)	(\$2,031,263)	\$1,465,140
		Col (b) = Page 6 of	10, Line 19; Col (c) =				
			Col (c) = Page 2 of 10,				
20	Total FY 2022 Federal NOL		9 / 21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		e 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		e 19) * Line 20	\$0	\$0	\$0	\$0
23 24	Effective Tax Rate Deferred Tax Benefit subject to proration		Department * Line 23	21.00% \$0	21.00% \$0	21.00% \$0	21.00% \$0
25	Net Deferred Tax Reserve subject to proration		Line 24	(\$362,340)	(\$243,454)	(\$426,565)	\$307,679
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	<u>Month</u>	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30		(\$27,713)	(\$18,620)	(\$32,625)	\$23,533
27	May 2021	31			(\$16,897)	(\$29,606)	\$21,355
28 29	June 2021 July 2021	30 31			(\$15,230)	(\$26,685) (\$23,666)	\$19,248 \$17.070
30	August 2021	31			(\$13,507) (\$11,784)	(\$20,647)	\$17,070
31	September 2021	30		(\$15,056)	(\$10,116)	(\$17,725)	\$12,785
32	October 2021	31			(\$8,393)	(\$14,706)	\$10,607
33	November 2021	30			(\$6,726)	(\$11,784)	\$8,500
34	December 2021	31			(\$5,002)	(\$8,765)	\$6,322
35	January 2022	31			(\$3,279)	(\$5,746)	\$4,145
36	February 2022	28		(\$2,565)	(\$1,723)	(\$3,019)	\$2,178
37	March 2022	31		\$0	\$0	\$0 (\$104.072)	\$140,633
38	Total	365		(\$165,617)	(\$111,277)	(\$194,973)	\$140,633
39	Deferred Tax Without Proration	Lin	ie 25	(\$362,340)	(\$243,454)	(\$426,565)	\$307,679
40	Proration Adjustment		- Line 39	\$196,722	\$132,177	\$231,592	(\$167,046)

Column Notes:

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Data Lake Annual Revenue Requirement Summary

Risertic Operation and Maintenance (Octo) Expenses: System Dan Portal \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Line No.			Fiscal Year March 31 (a)		Fiscal Year Ending March 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		ol Year Ending arch 31, 2022 (d)
Fooder Monitoring Sensers						_			_	
RTU separation	-	·			-			-		-
GIS Data Fahamement					-			-		-
DSCADA & ADMS				-	-	Ψ	-	-		-
GIS Data Enhancement S				-	-	-	-	-	-	-
Enterprise Service Bus					-	7		-		-
Data Lake	-			Ψ	-	7	-	-	-	-
P Historian	,			Ψ	-	-		706 551		1.062.952
Advanced Analytics				Ψ	-			/80,331		1,003,832
Total December Sum of Lines I through 12 Sum of Line	-			-	-	-	-	-		-
Cybersourity					-			-		-
Total Electric Cooking cooking Sum of Lines 1 through 2 S S S S S S S S S				-	-			-		-
Gas Operation and Maintenance (O&M) Expenses: 14			Sum of Lines 1 through 12					786 551		1 063 952
DSCADA & ADMS	13	Total Electric Ode of Costs	Sum of Lines 1 through 12		-	\$ 540,100	, ,	760,551	φ	1,005,652
DECADA & ADMS S		Gas Operation and Maintenance (O&M) Expenses:								
S	1/4			\$	_	\$ -	\$		\$	
Electric Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statistated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Inve										
Data Lake S										
Pl. Historian S				-		7		427 449		578 148
10				-	_			-		570,110
Telecommunications S S S S S S S S S					_					-
Cybersecurity		·		S	_	\$ -	\$			-
Total Gas O&M costs Sum of Lines 14 through 21 S - \$ 296,820 \$ 427,449 \$ 578,148					-			_		-
Electric Capital Investment: Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 30 through 32 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 30 through 32 Stimated Revenue Requirement Sti			Sum of Lines 14 through 21		-	\$ 296,820) \$	427,449	\$	578,148
Electric Capital Investment: Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Stimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment Sum of Lines 25 through 27 Sys. 53, 534 Sys. 50 Sys.										
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment S98,507 \$188,006 \$173,869 \$20	23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$ 843,000	\$	1,214,000	\$	1,642,000
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment S98,507 \$188,006 \$173,869 \$20	24	Electric Capital Investment:								
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment Sum of Lines 25 through 27 Sys.507 S188,006 S173,869						\$98,507		\$188,006		\$173,869
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 - \$98,507 \$188,006 \$173,869										
29 Gas Capital Investment: \$53,534 \$102,172 \$94,489 30 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment \$53,534 \$102,172 \$94,489 31 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment \$0 \$0 32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment \$0 \$0 33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$53,534 \$102,172 \$94,489 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637	27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
29 Gas Capital Investment: \$53,534 \$102,172 \$94,489 30 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment \$53,534 \$102,172 \$94,489 31 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment \$0 \$0 32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment \$0 \$0 33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$53,534 \$102,172 \$94,489 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637										
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment S53,534 S102,172 \$94,489 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment S0 S0 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment S0 S0 Total Gas Capital Investment Component of Revenue Requirement S0 S0 S0 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 Total Gas Revenue Requirement Line 12 + Line 33 - \$350,354 \$529,621 \$672,637 S672,637 S772,637 S772,	28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27		-	\$98,507		\$188,006		\$173,869
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment S53,534 S102,172 \$94,489 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment S0 S0 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment S0 S0 Total Gas Capital Investment Component of Revenue Requirement S0 S0 S0 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 Total Gas Revenue Requirement Line 12 + Line 33 - \$350,354 \$529,621 \$672,637 S672,637 S772,637 S772,										
31 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment \$0 \$0 32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 30 through 32 - \$53,534 \$102,172 \$94,489 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637										
32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 30 through 32 - \$53,534 \$102,172 \$94,489 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637	30					\$53,534		, .		\$94,489
33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$53,534 \$102,172 \$94,489 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637								\$0		
34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637	32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
34 Total Electric Revenue Requirement Line 13 + Line 28 - \$644,687 \$974,557 \$1,237,720 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637	33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32	-	-	\$53,534		\$102,172		\$94,489
35 Total Gas Revenue Requirement Line 22 + Line 33 - \$350,354 \$529,621 \$672,637		•	ž							
	34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$644,687	'	\$974,557		\$1,237,720
36 Total Electric & Gas Revenue Requirement Line 34 + Line 35 - \$995,041 \$ 1,504,178 \$ 1,910,357	35	Total Gas Revenue Requirement	Line 22 + Line 33		-	\$350,354	ı	\$529,621		\$672,637
	36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35	-	-	\$ 995,041	. \$	1,504,178	\$	1,910,357

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - Data Lake IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		(4)	(0)	(6)
1	Data Lake		\$1,394,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$1,394,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$1,394,000	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$1,394,000	\$1,394,000	\$1,394,000
	Change in Net Capital Included in Rate Base				
6	Capital Included in Rate Base	Line 2	\$1,394,000	\$0	\$0
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$1,394,000	\$1,394,000	\$1,394,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$1,161,655	\$154,908	\$51,613
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$1,161,655	\$1,316,563	\$1,368,176
	Book Depreciation				
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	\$99,571	\$199,143	\$199,143
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$99,571	\$298,714	\$497,857
15	Total Cumulative Book Depreciation	Line 14	\$99,571	\$298,714	\$497,857
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$1,062,084	\$1,017,849	\$870,319
17	Effective Tax Rate	** *****	21.00%	21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$223,038	\$213,748	\$182,767
19	Less: FY 2020 Federal NOL	C-1(-) P 9 -f 10 Lin- 40: C-1(b) P 0 -f 10 Lin- 40: C-1(-)	\$0	\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c) = Page 10 of 10, Line 40	(\$121,092)	\$5,043	\$16,820
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$101,945	\$218,792	\$199,587
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$1,394,000	\$1,394,000	\$1,394,000
23	Accumulated Depreciation	- Line 15	(\$99,571)	(\$298,714)	(\$497,857)
24	Deferred Tax Reserve	- Line 21	(\$101,945)	(\$218,792)	(\$199,587)
25	Year End Rate Base	Sum of Lines 22 through 24	\$1,192,483	\$876,494	\$696,555
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line 25 \div 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) \div 2	\$596,241.55	\$1,034,489	\$786,525
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$52,469	\$91,035	\$69,214
29	Book Depreciation	Line 13	\$99,571	\$199,143	\$199,143
30	Annual Revenue Requirement	Line 28 + Line 29	\$152,041	\$290,178	\$268,357

1/	Weighted Average 0	Cost of Capita	l as file ir	R.I.P.U.C.	Docket No.	4770, Schedule MAL-6	

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - Data Lake IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 2	\$1,394,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$1,394,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$1,394,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$1,394,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$1,045,500		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$1,394,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$1,045,500		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$348,500	\$348,500	\$348,500
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$116,155	\$154,908	\$51,613
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$1,161,655	\$154,908	\$51,613

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - Data Lake IS

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment			
1	Data Lake		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3 4	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0	\$0
	Change in Net Capital Included in Rate Base			
6	Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10 11	FY 2021 Spend Cumulative Tax Depreciation	Page 16 of 21, Line 21 Prior Year Line 11 + Current Year Line 10	\$0 \$0	\$0 \$0
11	Cumulative Tax Depreciation	Prior real Line 11 + Current real Line 10	\$0	50
10	Book Depreciation	A SI L. DIDUG D. L. N. 4550	1.4.200/	1.1.200/
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	14.29% \$0	14.29% \$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00%	21.00%
18 19	Less: FY 2021 Federal NOL	Line 16 * Line 17	\$0 \$0	\$0 \$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21 Sum of Lines 22 through 24	\$0 \$0	\$0 \$0
	Revenue Requirement Calculation:			
		Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25) ÷ 2 Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,	\$0.00	\$0
27	Pre-Tax ROR	Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0	\$0
29	Book Depreciation	Line 13	\$0	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0

1/	Weighted Average	Cost of Capital a	s file in R.I.P.U	J.C. Docket No.	4770. Schedule MAL-	-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - Data Lake IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0
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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Data Lake IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(u)
1	Data Lake		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19	Less: FY 2022 Federal NOL		\$0
20	Less: Proration Adjustment	Col = Page 10 of 10, Line 40	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
	p. w. pop	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/	Weighted Average Cost of Ca	pital as file in R.I.P.U.C.	Docket No. 4770, Schedule MAL-6

	Ratio	Kate	Kate	1 axes	Keturn
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - Data Lake IS

Line			Fiscal Year Ending March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Data Lake IS

Line					(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration				<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13		\$99,571	\$99,571
2	Bonus Depreciation	Page 3 of	10, - Line 12		(\$1,045,500)	(\$1,045,500)
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18		(\$116,155)	(\$116,155)
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19		\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lin	nes 1 through	1	(\$1,062,084)	(\$1,062,084)
6	Effective Tax Rate	Per Tax	Department		21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6		(\$223,038)	(\$223,038)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	•	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 1	0	\$0	\$0
12	Effective Tax Rate				21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13		(\$223,038)	(\$223,038)
15	Net Operating Loss	-	f 10, Line 19		\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15		(\$223,038)	(\$223,038)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	,	o) = Line 5		(\$1,062,084)	(\$1,062,084)
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line I	7 + Line 18		(\$1,062,084)	(\$1,062,084)
20	Total FY 2020 Federal NOL	-), Line 19 / 21		\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line	20	\$0	\$0
23	Effective Tax Rate		Department		21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24		(\$223,038)	(\$223,038)
		(i)	(j)		
		Number of Days in				
	Proration Calculation	<u>Month</u>	Proration I	ercentage	(k)= Sum of (l)	(1)
26	April 2019	30		91.78%	(\$17,059)	(\$17,059)
27	May 2019	31		83.29%	(\$15,480)	(\$15,480)
28	June 2019	30		75.07%	(\$13,953)	(\$13,953)
29	July 2019	31		66.58%	(\$12,374)	(\$12,374)
30	August 2019	31		58.08%	(\$10,795)	(\$10,795)
31	September 2019	30		49.86%	(\$9,268)	(\$9,268)
32	October 2019	31		41.37%	(\$7,689)	(\$7,689)
33	November 2019	30		33.15%	(\$6,162)	(\$6,162)
34	December 2019	31		24.66%	(\$4,583)	(\$4,583)
35	January 2020	31		16.16%	(\$3,004)	(\$3,004)
36	February 2020	28		8.49%	(\$1,579)	(\$1,579)
37	March 2020	31		0.00%	\$0	\$0
38	Total	365			(\$101,945)	(\$101,945)
39	Deferred Tax Without Proration	L	ine 25		(\$223,038)	(\$223,038)
40	Proration Adjustment		8 - Line 39		\$121,092	\$121,092
	•					,

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 9 of 10

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Data Lake IS (a)=Sum of (b)

				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line				Total	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation		0, Line 13; Col (c) = Page 2			
2	*		0, Line 13	\$199,143 \$0	\$0 \$0	\$199,143
2	Bonus Depreciation	-	of 10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation		0, Line 18; Col (c) = Page 3 0, Line 18	(\$154,908)	\$0	(\$154,908)
				(\$154,508)	Φ0	(\$134,506)
			0, Line 19; Col (c) = Page 3		***	
4	FY21 tax (gain)/loss on retirements		0, Line 19	\$0	\$0	000
5	Cumulative Book / Tax Timer Effective Tax Rate		ines 1 through 4	\$44,235	\$0 21.00%	\$44,235 21.00%
6 7			x Department 5 * Line 6	21.00% \$9,289		\$9,289
/	Deferred Tax Reserve	Line	5 " Line o	\$9,289	\$0	\$9,289
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5	of 10, Line 3	\$0	\$0	
9	Cost of Removal		of 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021	Ŭ		\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + I	Line 9 + Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line	11 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve		7 + Line 13	\$9,289	\$0	\$9,289
			0, Line 19; Col (c) = Page 2			
15	Net Operating Loss		0, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	14 + Line 15	\$9,289	\$0	\$9,289
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$44,235	\$0	\$44,235
18	Cumulative Book/Tax Timer Not Subject to Proration	1	Line 11	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	17 + Line 18	\$44,235	\$0	\$44,235
		Col (b) = Page 4 of 1	0, Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL	of 10, I	Line 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 / L	ine 19) * Line 20	\$0	\$0	\$0
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / L	ine 19) * Line 20	\$0	\$0	\$0
23	Effective Tax Rate			21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	22 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	I ina	7 + Line 24	\$9,289	\$0	\$9,289
23	Net Deletted Tax Reserve subject to protation	Line	7 + Line 24	\$7,267	30	\$7,207
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30		\$710	\$0	\$710
27	May 2020	3		\$645	\$0	\$645
28	June 2020	30		\$581	\$0	\$581
29	July 2020	3		\$515	\$0	\$515
30	August 2020	3		\$450	\$0	\$450
31	September 2020	30		\$386	\$0	\$386
32	October 2020	3		\$320	\$0 \$0	\$320
33	November 2020	30		\$257	\$0 \$0	\$257
34	December 2020	3		\$191	\$0	\$191
35	January 2021	3		\$125	\$0	\$125
36	February 2021	2		\$66	\$0	\$66
37	March 2021	3		\$0	\$0	\$0
38	Total	365	5	\$4,246	\$0	\$4,246
***	D. C. 188 W. C. D. C.	_		.		00.0
39	Deferred Tax Without Proration		Line 25	\$9,289	\$0	\$9,289
40	Proration Adjustment	Line :	38 - Line 39	(\$5,043)	\$0	(\$5,043)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Data Lake IS

				(a)=Sum of (b) through (d)	(b) Vintage Year	(c) Vintage Year	(d) Vintage Year
Line No.	Deferred Tax Subject to Proration			Total	March 31, 2022	March 31, 2021	March 31, 2020
110.	Deterred Tax Subject to Frontion	Col (b) = Page 6 of 10, Li	ne 13: Col (c) = Page				
1	Book Depreciation	4 of 10, Line 13; Col (d)					
2	Bonus Depreciation	13 Page 7 of 10	Line 12	\$199,143 \$0	\$0 \$0	\$0	\$199,143
2	Bollus Depreciation	Col (b) = Page 7 of 10, Li		90	30		
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Col (d)					
		18		(\$51,613)	\$0	\$0	(\$51,613)
		Col (b) = Page 7 of 10, Li 5 of 10, Line 19; Col (d)					
4	FY22 tax (gain)/loss on retirements	19	- rage 3 of 10, Line	\$0	\$0		
5	Cumulative Book / Tax Timer	Sum of Lines 1		\$147,530	\$0	\$0	\$147,530
6 7	Effective Tax Rate	Per Tax Der		21.00%	21.00%	21.00%	21.00% \$30,981
,	Deferred Tax Reserve	Line 5 * I	Line o	\$30,981	\$0	\$0	\$30,981
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 of 10		\$0	\$0		
9 10	Cost of Removal Book/Tax Depreciation Timing Difference at 3/31/2022	Page 7 of 10	, Line 20	\$0 \$0	\$0 \$0		
11	Cumulative Book / Tax Timer	Line 8 + Line 9	9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 11 * I	Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7 + L	ine 13	\$30,981	\$0	\$0	\$30,981
		Col (b) = Page 6 of 10, Li	ne 19: Col (c) = Page				
15	Net Operating Loss	4 of 10, Line 19; Col (c) =		\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + I	Line 15	\$30,981	\$0	\$0	\$30,981
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) =	Line 5	\$147,530	\$0	\$0	\$147,530
18	Cumulative Book/Tax Timer Not Subject to Proration	Line		\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17 + 1	Line 18	\$147,530	\$0	\$0	\$147,530
		Col (b) = Page 6 of 10, Li	ne 19; Col (c) = Page				
		4 of 10, Line 19; Col (c) =					
20 21	Total FY 2022 Federal NOL Allocated FY 2022 Federal NOL Not Subject to Proration	/ 219 (Line 18 / Line 1		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2022 Federal NOL Not Subject to Proration	(Line 17 / Line 1		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	Per Tax Dep		21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22 * I	Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + L	ine 24	\$30,981	\$0	\$0	\$30,981
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
26	Proration Calculation		Proration Percentage	through (n)	(1)	(m)	(n)
26 27	April 2021 May 2021	30 31	91.78% 83.29%	\$2,370 \$2,150	\$0 \$0	\$0 \$0	\$2,370 \$2,150
28	June 2021	30	75.07%	\$1,938	\$0	\$0	\$1,938
29	July 2021	31	66.58%	\$1,719	\$0	\$0	\$1,719
30	August 2021	31	58.08%	\$1,500	\$0	\$0	\$1,500
31 32	September 2021 October 2021	30 31	49.86% 41.37%	\$1,287 \$1,068	\$0 \$0	\$0 \$0	\$1,287 \$1,068
33	November 2021	30	33.15%	\$856	\$0 \$0	\$0 \$0	\$856
34	December 2021	31	24.66%	\$637	\$0	\$0	\$637
35	January 2022	31	16.16%	\$417	\$0	\$0	\$417
36 37	February 2022 March 2022	28 31	8.49% 0.00%	\$219 \$0	\$0 \$0	\$0 \$0	\$219 \$0
38	Total	365	0.00%	\$14,161	\$0	\$0	\$14,161
39	Deferred Tax Without Proration	Line 2	25	\$30,981	\$0	\$0	\$30,981
40	Proration Adjustment	Line 38 - I		(\$16,820)	\$0 \$0	\$0 \$0	(\$16,820)
-				(,,0)		20	(,,-,,,)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 1 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - DSCADA & ADMS Annual Revenue Requirement Summary

Line <u>No.</u>	Flori Continuity (ONE)		Fiscal Yea March 3 (a	1, 2019	Fiscal Year Ending March 31, 2020 (b)	Fiscal Year March 31 (c)			Year Ending th 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:				e	6			
1	System Data Portal		S	-	\$ -	\$	-	\$	-
2	Feeder Monitoring Sensors		\$	-	\$ -	\$	-	S	-
3	RTU Separation		\$	-	\$ -	\$	-	\$	-
4	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$ 282,484	\$	-	\$	58,311
6	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$ -	\$	-	\$	-
8	Data Lake		\$	-	\$ -	\$	-	\$	-
9	PI Historian		\$	-	\$ -	\$	-	\$	-
10	Advanced Analytics		\$	-	\$ -	\$	-	\$	-
11	Telecommunications		\$	-	\$ -	\$	-	\$	-
12	Cybersecurity		\$	-	\$ -	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$ 282,484	\$	-	\$	58,311
	Gas Operation and Maintenance (O&M) Expenses:								
14	DSCADA & ADMS		\$	-	\$ 153,516		-	\$	31,689
15	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
16	Enterprise Service Bus		\$	-	\$ -	\$	-	\$	-
17	Data Lake		\$	-	\$ -	\$	-	\$	-
18	PI Historian		\$	-	\$ -	\$	-	\$	-
19	Advanced Analytics		\$	-	\$ -	\$	-	\$	-
20	Telecommunications		\$	-	\$ -	\$	-	\$	-
21	Cybersecurity		\$	-	\$ -	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$ 153,516	\$	-	\$	31,689
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$ 436,000	\$	-	\$	90,000
24	Electric Capital Investment:								
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0		\$0		\$0
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27	-	-	\$0		\$0		\$0
			-						
29	Gas Capital Investment:								
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0		\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32			\$0		\$0		\$0
	· i								
34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$282,484		\$0		\$58,311
35	Total Gas Revenue Requirement	Line 22 + Line 33		-	\$153,516		\$0		\$31,689
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35			\$ 436,000	\$	-	\$	90,000
50	Zona Zoette & Gas Revenue Requirement	Line 54 Line 55			Ψ -50,000	Ψ		Ψ	70,000

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THE NARRAGANSETT ELECTRIC COMPANY

THE NARKAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - DSCADA & ADMS IS

Line No.			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
	Estimated Capital Investment		(a)	(b)	(c)
1	DCADA & ADMS		\$0	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0	\$0	\$0
	Change in Net Capital Included in Rate Base				
6	Capital Included in Rate Base	Line 2	\$0	\$0	\$0
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$0	\$0	\$0
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$0	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0	\$0
	Book Depreciation				
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$0	14.29% \$0	14.29% \$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0	\$0 \$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0	\$0
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0	\$0	\$0
17	Effective Tax Rate		21.00%	21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0	\$0	\$0
19	Less: FY 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	\$0	\$0	\$0
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	\$0	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0	\$0
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0	\$0
24 25	Deferred Tax Reserve	- Line 21	\$0 \$0	\$0 \$0	\$0 \$0
25	Year End Rate Base	Sum of Lines 22 through 24	20	20	\$0
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line 25 \div 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) \div 2	\$0.00	\$0	\$0
27	Pre-Tax ROR	1/	8.80%	8.80%	9.000
27 28	Pre-Tax ROR Return and Taxes	Line 26 * Line 27	8.80%	8.80% \$0	8.80% \$0
29	Book Depreciation	Line 27 Line 13	\$0 \$0	\$0 \$0	\$0 \$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0	\$0
	<u> </u>				

1/	Weighted Average Cost of	Capital as file in	R.I.P.U.C. Doc	ket No. 4770,	Schedule MAL-6

	Ratio	Rate	Kate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - DSCADA & ADMS IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 2	\$0		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$0		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$0		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0	\$0
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$0	\$0	\$0

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - DSCADA & ADMS IS

Estimated Capital Investment DSCADA & ADMS Total Estimated Capital Investment Sum of Lines 1 Depreciable Net Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Retirements Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5 Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 2 Cost of Removal Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation Vintage Year Tax Depreciation:	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
Total Estimated Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Retirements Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4 * 0% Change in Net Capital Included in Rate Base Capital Included in Rate Base Capital Included in Rate Base Capital Included in Rate Base Total Net Plant in Service Including Cost of Removal Line 5 + Line 7	\$0 \$0 \$0 \$0	\$0 \$0
Depreciable Net Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Retirements Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5 Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 2 Cost of Removal Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0 \$0 \$0 \$0	\$0 \$0
Total Allowed Capital Included in Rate Base in Current Year Retirements Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4 * 0% Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 2 Cost of Removal Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0 \$0	\$0
Retirements Line 4 * 0% Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5 Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 2 Cost of Removal Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0 \$0	\$0
Section 1 Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5 Change in Net Capital Included in Rate Base Capital Included in Rate Base Line 2 Cost of Removal Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0	
6 Capital Included in Rate Base Line 2 7 Cost of Removal 8 Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0	
6 Capital Included in Rate Base Line 2 7 Cost of Removal 8 Total Net Plant in Service Including Cost of Removal Line 5 + Line 7 Tax Depreciation	\$0	
8 Total Net Plant in Service Including Cost of Removal Tax Depreciation Line 5 + Line 7		\$0
<u>Tax Depreciation</u>	\$0	\$0
	\$0	\$0
9 Vintage Year Tax Depreciation:		
10 FY 2021 Spend Page 16 of 21, Line 21	\$0	\$0
11 Cumulative Tax Depreciation Prior Year Line 11 + Current Year Line 10	\$0	\$0
Book Depreciation		
		14.29%
Book Depreciation Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12 Cumulative Book Depreciation Prior Year Line 14 + Current Year Line 13	\$0 \$0	\$0 \$0
14 Cumulative book Depreciation Prior Tear Line 14 + Current Tear Line 15	30	
Total Cumulative Book Depreciation Line 14	\$0	\$0
Deferred Tax Calculation:		
16 Cumulative Book / Tax Timer Line 11 - Line 14	\$0	\$0
17 Effective Tax Rate 2 18 Deferred Tax Reserve Line 16 * Line 17	.00%	21.00% \$0
16 Deterried tax Reserve Line 17 19 Less: FY 2021 Federal NOL	\$0 \$0	\$0
20 Less: Proration Adjustment Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40 21 Net Deferred Tax Reserve Sum of Lines 18 through 20	\$0 \$0	\$0 \$0
Rate Base Calculation:	40	00
22 Cumulative Incremental Capital Included in Rate Base Line 8 23 Accumulated Depreciation - Line 15	\$0 \$0	\$0 \$0
23 Acctinitate Deferred Tax Reserve - Line 21	\$0	\$0
25 Year End Rate Base Sum of Lines 22 through 24	\$0	\$0
Revenue Requirement Calculation:		
Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
	0.00	\$0
Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,		
	.80%	8.80%
28 Return and Taxes Line 26 * Line 27		A -
29 Book Depreciation Line 13	\$0 \$0	\$0
30 Annual Revenue Requirement Line 28 + Line 29	\$0 \$0	\$0 \$0

1/	Weighted Average Cost o	f Capital as file in	R.I.P.U.C. Do	ocket No. 4770.	Schedule MAL-6

1.85%
0.00%
0.00%
6.95%
8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - DSCADA & ADMS IS

			Fiscal Year Ending	_
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

THE NARRAGANSETT ELECTRIC COMPANY
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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - DSCADA & ADMS IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		
1	DCADA & ADMS		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19	Less: FY 2022 Federal NOL	0 1 D 10 C10 I 10	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0 \$0
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Docket	No. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 40 of 96

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - DSCADA & ADMS IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - DSCADA & ADMS IS

Line				(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration			Total	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13	\$0	\$0
2	Bonus Depreciation		10, - Line 12	\$0	\$0
3	Remaining MACRS Tax Depreciation		10, - Line 18	\$0	\$0
4	FY20 tax (gain)/loss on retirements		10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer	-	nes 1 through 4	\$0	\$0
6	Effective Tax Rate		Department	21.00%	21.00%
7	Deferred Tax Reserve		5 * Line 6	\$0	\$0
•		Zine .	Zime 0	40	40
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction	•	of 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13	\$0	\$0
15	Net Operating Loss	-	f 10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	\$0	\$0
	Allocation of FY 2020 Estimated Federal NOL			\$0	
17	Cumulative Book/Tax Timer Subject to Proration	,	Col(b) = Line 5		\$0
18	Cumulative Book/Tax Timer Not Subject to Proration	L	\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line 1	\$0	\$0	
20	Total FY 2020 Federal NOL	Page 2 of 10	\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Li	\$0	\$0	
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0
		(i)	(j)		
		Number of Days in			
	Proration Calculation	<u>Month</u>	Proration Percentage	(k)= Sum of (l)	(1)
26	April 2019	30		\$0	\$0
27	May 2019	31	83.29%	\$0	\$0
28	June 2019	30		\$0	\$0
29	July 2019	31		\$0	\$0
30	August 2019	31	58.08%	\$0	\$0
31	September 2019	30		\$0	\$0
32	October 2019	31		\$0	\$0
33	November 2019	30		\$0	\$0
34	December 2019	31	24.66%	\$0	\$0
35	January 2020	31		\$0	\$0
36	February 2020	28		\$0	\$0
37	March 2020	31	0.00%	\$0	\$0
38	Total	365		\$0	\$0
39	Deferred Tax Without Proration	L	ine 25	\$0	\$0
40	Proration Adjustment		8 - Line 39	\$0	\$0
	•				

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 9 of 10

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - DSCADA & ADMS IS (a)=Sum of (b)

				(a)=Sum of (b) through (c)	(b)	(c)
				tillough (c)	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation		Line 13; Col (c) = Page 2 , Line 13	\$0	\$0	60
2	Bonus Depreciation		f 10, Line 12	\$0 \$0	\$0 \$0	\$0
			Line 18; Col (c) = Page 3	30	\$0	
3	Remaining MACRS Tax Depreciation		, Line 18	\$0	\$0	\$0
			Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		, Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lir	es 1 through 4	\$0	\$0	\$0
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line :	5 * Line 6	\$0	\$0	\$0
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5 o	of 10, Line 3	\$0	\$0	
9	Cost of Removal		f 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + L	ne 9 + Line 10	\$0	\$0	
12	Effective Tax Rate	*		21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0	\$0
			Line 19; Col (c) = Page 2			
15	Net Operating Loss		, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	\$0	\$0	\$0
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$0	\$0	\$0
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$0	\$0	\$0
20	Total FY 2021 Federal NOL		Line 19; Col (c) = Page 2 ne 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ne 19 / 21% ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2021 Federal NOL Subject to Proration		ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(Ellie I / / El		21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0	\$0
		(i)	(j)			
		Number of Days in	Ψ,	(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30	91.78%	\$0	\$0	\$0
27	May 2020	31	83.29%	\$0	\$0	\$0
28	June 2020	30	75.07%	\$0	\$0	\$0
29	July 2020	31	66.58%	\$0	\$0	\$0
30	August 2020	31	58.08%	\$0	\$0	\$0
31	September 2020	30	49.86%	\$0	\$0	\$0
32	October 2020	31	41.37%	\$0	\$0	\$0
33	November 2020	30	33.15%	\$0	\$0	\$0
34	December 2020	31	24.66%	\$0	\$0	\$0
35	January 2021	31	16.16%	\$0	\$0	\$0
36	February 2021	28	8.49%	\$0	\$0	\$0
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		\$0	\$0	\$0
39	Deferred Tax Without Proration	L	ine 25	\$0	\$0	\$0
40	Proration Adjustment		8 - Line 39	\$0	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - DSCADA & ADMS IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line	Defensed Ton Cubicat to Buonation			<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation	4 of 10, Line 13; Col	, Line 13; Col (c) = Page (d) = Page 2 of 10, Line	40	**	**	**
2	P P		13	\$0 \$0	\$0 \$0	\$0	\$0
2	Bonus Depreciation		10, Line 12	\$0	30		
3	Remaining MACRS Tax Depreciation		(d) = Page 3 of 10, Line				
5	Tenaming in tens tax pepteration		18	\$0	\$0	\$0	\$0
		C-1 (b) P 7 - 610	L' 10 C 1 () P	**		7.	**
			(d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0		
5	Cumulative Book / Tax Timer		es 1 through 4	\$0	\$0	\$0	\$0
6	Effective Tax Rate	Per Tax 1	Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	\$0	\$0	\$0	\$0
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		f 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 of	10, Line 20	\$0	\$0		
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	Lina 9 : Li	ne 9 + Line 10	\$0 \$0	\$0 \$0		
12	Effective Tax Rate	Line o + Li	ne 9 + Line 10	21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0	\$0	\$0
		Col (b) = Page 6 of 10	, Line 19; Col (c) = Page				
15	Net Operating Loss	4 of 10, Line 19; Col (c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	\$0	\$0	\$0	\$0
1.7	Allocation of FY 2022 Estimated Federal NOL	0.14	. v. e	60	60	***	60
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5	\$0	\$0 \$0	\$0	\$0
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		ne 11 ' + Line 18	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
19	Total Cumulative Book Tax Timer	Line 17	+ Lilie 16	30	30	\$0	30
		Col (b) = Page 6 of 10), Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration	(Line 18 / Lir	ne 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 17 / Lir	ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0	\$0	\$0
25	N. D. C IT. D	T : 7	. 1 : 24	\$0	\$0	¢o.	\$0
25	Net Deferred Tax Reserve subject to proration	Line /	+ Line 24	\$0	\$0	\$0	\$0
		(i)	(j)				
			٧/				
	Proration Calculation	Number of Days in Month	Proposition Paragenta	(k)= Sum of (l)	(I)	()	(-)
26	April 2021	<u>Montn</u> 30	Proration Percentage 91.78%	through (n) \$0	(l) \$0	(m) \$0	(n) \$0
26 27	April 2021 May 2021	31	83.29%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
28	June 2021	30	75.07%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
29	July 2021	31	66.58%	\$0	\$0	\$0	\$0
30	August 2021	31	58.08%	\$0	\$0	\$0	\$0
31	September 2021	30	49.86%	\$0	\$0	\$0	\$0
32	October 2021	31	41.37%	\$0	\$0	\$0	\$0
33	November 2021	30	33.15%	\$0	\$0	\$0	\$0
34	December 2021	31	24.66%	\$0	\$0	\$0	\$0
35	January 2022	31	16.16%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
36	February 2022	28	8.49%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
37 38	March 2022 Total	31 365	0.00%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
30	ı otai	303		30	\$0	30	\$0
39	Deferred Tax Without Proration	Li	ne 25	\$0	\$0	\$0	\$0
40	Proration Adjustment		3 - Line 39	\$0	\$0	\$0	\$0
	•						

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Enterprise Service Bus Annual Revenue Requirement Summary

Reference Refe	Line <u>No.</u>	Flori Continuity (ONN)		Fiscal Year March 31 (a)	, 2019	Fiscal Year Ending March 31, 2020 (b)		Fiscal Year Ending March 31, 2021 (c)		l Year Ending arch 31, 2022 (d)
Food Monitoring Senors S S S S S S S S S		Electric Operation and Maintenance (O&M) Expenses:		•					_	
RTU Separation		·			-			-		-
GIS Data Enhancement S					-			-	-	-
SCADA & ADMS				-	-			-		-
Columnication Columnicatio				-	-			-		-
Enterprise Service Bus S S \$18,008 \$ 1,264,701 \$ 1,230,251				4	-	-		-		-
Data Lake				4	-	-				-
Pitistorian				-	-			1,264,701		1,326,251
National Advanced Analytics S S S S S S S S S				9	-	-		-		-
Total Description S	-			4	-			-		-
Comparison of Maintenance (O&M) Expenses: Sum of Lines 1 through 12 Sum of Lines 2 through 27 Sum of Lines 3 through 28 Sum of Lines					-			-		-
Total Electric O&M costs		Telecommunications		\$	-			-		-
Gas Operation and Maintenance (O&M) Expenses:					-			-		-
DSCADA A ADMS	13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$ 518,968	\$	1,264,701	\$	1,326,251
DSCADA A ADMS										
S										
Electric Capital Investment: Sum of Lines 25 through 27 Total Gas Capital Investment Sum of Lines 25 through 27 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 30 through 32 Statinated Revenue Requirement Statinated Revenue Requirement on Fiscal Year Ending March 31,					-			-		-
Total Case S S S S S S S S S				-	-			-		-
Part Historian		·		-	-			687,299		720,749
Advanced Analytics				4	-	-		-		-
Telecommunications S		PI Historian		\$	-		-	-		-
Cybersecurity	19	Advanced Analytics		\$	-	\$ -	\$	-	\$	-
Total Gas O&M costs Sum of Lines 14 through 21 \$ - \$ 282,032 \$ 687,299 \$ 720,749		Telecommunications		\$	-	\$ -		-		-
Total O&M Expenses		Cybersecurity		-	-	+		-		-
Electric Capital Investment: 25	22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$ 282,032	\$	687,299	\$	720,749
Electric Capital Investment: 25	23	Total O&M Expenses	Line 13 + Line 22	s	_	\$ 801,000) \$	1.952.000	s	2,047,000
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Sum of Lines 25 through 28 Sum of Lines				-				-,,	-	_,,
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment Total Electric Capital Investment Component of Revenue Requirement Sum of Lines 25 through 27 Sum of Lines 25 through 27 Gas Capital Investment Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment Sum of Lines 25 through 27 Sum of Lines 30 through 32 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 Total Gas Capital Investment Component of Revenue Requirement Line 13 + Line 28 Total Gas Revenue Requirement Line 22 + Line 33 Total Gas Revenue Requirement Sum of Lines 30 through 32 Sum of Lines 30 through 32 Total Gas Revenue Requirement Line 22 + Line 33 Total Gas Revenue Requirement Line 22 + Line 33 Sum of Lines 30 through 32 Sum of Lines 30 through 32	24	Electric Capital Investment:								
Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 25 through 27 - S0 \$0 \$0 \$1,146,195	25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0	1	\$0		\$0
28 Total Electric Capital Investment Component of Revenue Requirement Sum of Lines 25 through 27 - \$0 \$0 \$1,146,195 29 Gas Capital Investment: 20 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment 30 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment 31 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment 32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment 33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$0 \$0 \$622,897 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$518,968 \$1,264,701 \$2,472,446 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
29 Gas Capital Investment: 9 Some of Lines 30 through 32 \$0 <t< td=""><td>27</td><td>Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$1,146,195</td></t<>	27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$1,146,195
29 Gas Capital Investment: 9 Some of Lines 30 through 32 \$0 <t< td=""><td>28</td><td>Total Electric Capital Investment Component of Revenue Requirement</td><td>Sum of Lines 25 through 27</td><td></td><td>-</td><td>\$0</td><td>1</td><td>\$0</td><td></td><td>\$1.146.195</td></t<>	28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27		-	\$0	1	\$0		\$1.146.195
Stimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment \$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			3							
31 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment \$0 \$0 32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment Sum of Lines 30 through 32 - \$0 \$0 \$622,897 33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$0 \$0 \$622,897 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$518,968 \$1,264,701 \$2,472,446 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	29	Gas Capital Investment:								
32 Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment \$622,897 33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$0 \$0 \$622,897 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$518,968 \$1,264,701 \$2,472,446 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0	1	\$0		\$0
33 Total Gas Capital Investment Component of Revenue Requirement Sum of Lines 30 through 32 - \$0 \$0 \$622,897 34 Total Electric Revenue Requirement Line 13 + Line 28 - \$518,968 \$1,264,701 \$2,472,446 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
34 Total Electric Revenue Requirement Line 13 + Line 28 - \$518,968 \$1,264,701 \$2,472,446 35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$622,897
35 Total Gas Revenue Requirement Line 22 + Line 33 - \$282,032 \$687,299 \$1,343,646	33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32		-	\$0		\$0		\$622,897
•	34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$518,968	3	\$1,264,701		\$2,472,446
36 Total Electric & Gas Revenue Requirement Line 34 + Line 35 - \$ 801,000 \$ 1,952,000 \$ 3,816,092	35	Total Gas Revenue Requirement	Line 22 + Line 33		-	\$282,032	2	\$687,299		\$1,343,646
	36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$ 801,000) \$	1,952,000	\$	3,816,092

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - Enterprise Service Bus IS

Esternate Capital Investment Sum of Line 1 Sum of Line 2 Sum of Line 2 Sum of Line 2 Sum of Line 3 Sum of Line 3 Sum of Line 4 Sum of Line 4	Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
Total Estimated Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Line 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0		Estimated Capital Investment		(a)	(6)	(c)
Total Estimated Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Line 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0	1	Enterprise Service Bus		\$0	\$0	\$0
Total Allowed Capital Included in Rate Base in Current Year Line 2			Sum of Line 1			
Total Allowed Capital Included in Rate Base in Current Year Line 2		Depreciable Net Capital Included in Rate Rase				
Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	3		Line 2	\$0	\$0	\$0
Change in Net Capital Included in Rate Base Line 2 S0 S0 S0 S0		Retirements				
Capital Included in Rate Base	5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0	\$0	\$0
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 S0 S0 S0 S0						
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 50 50 50 50	6	Capital Included in Rate Base	Line 2	\$0	\$0	\$0
Tax Depreciation Substitution Page 3 of 10, Line 21 Substitution Substi	7	Cost of Removal		\$0	\$0	\$0
Vintage Year Tax Depreciation: Page 3 of 10, Line 21 S0 S0 S0 S0 S0 S0 S0 S	8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$0	\$0	\$0
Vintage Year Tax Depreciation: Page 3 of 10, Line 21 S0 S0 S0 S0 S0 S0 S0 S		Tax Depreciation				
Cumulative Tax Depreciation	9					
Book Depreciation 14.29%	10		Page 3 of 10, Line 21	\$0	\$0	\$0
12 Composite Book Depreciation Rate As filed per R.I.P.U.C. Docket No. 4770 14.29%	11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0	\$0
12 Composite Book Depreciation Rate As filed per R.I.P.U.C. Docket No. 4770 14.29%		Book Depreciation				
Cumulative Book Depreciation	12			14.29%	14.29%	14.29%
Total Cumulative Book Depreciation		Book Depreciation				
Deferred Tax Calculation:	14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0	\$0
Columbia Columbia	15	Total Cumulative Book Depreciation	Line 14	\$0	\$0	\$0
Fifective Tax Rate		Deferred Tax Calculation:				
Deferred Tax Reserve	16	Cumulative Book / Tax Timer	Line 11 - Line 15			\$0
19 Less: FY 2020 Federal NOL						
Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			Line 16 * Line 17		***	
Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) + 2	19	Less: FY 2020 Federal NOL	Col (a) Poss 9 of 10 Line 40: Col (b) Poss 0 of 10 Line 40: Col (c)	\$0	\$0	\$0
Rate Base Calculation: Sum of Lines 18 through 20 \$0 \$0 \$0 22 Cumulative Incremental Capital Included in Rate Base Line 8 \$0 \$0 \$0 23 Accumulated Depreciation - Line 15 \$0 \$0 \$0 24 Deferred Tax Reserve - Line 21 \$0 \$0 \$0 25 Year End Rate Base Sum of Lines 22 through 24 \$0 \$0 \$0 Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR Line 26 * Line 27 \$0 \$0 \$0 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	20	Less: Proration Adjustment		\$0	\$0	\$0
Commulative Incremental Capital Included in Rate Base				\$0	\$0	
Commulative Incremental Capital Included in Rate Base		Rate Base Calculation:				
Accumulated Depreciation	22		Line 8	\$0	\$0	\$0
Sum of Lines 22 through 24 \$0 \$0 \$0 \$0 Revenue Requirement Calculation: 26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	23		- Line 15	\$0	\$0	\$0
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0						
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0	\$0
26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0		Revenue Requirement Calculation:				
27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0			Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year			
27 Pre-Tax ROR 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	26	Average Rate Base	Line 25 + Current Year Line 25) ÷ 2	\$0.00	\$0	\$0
28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
	28	Return and Taxes	Line 26 * Line 27	\$0	\$0	\$0
30 Annual Revenue Requirement Line 28 + Line 29 \$0 \$0 \$0	29	Book Depreciation	Line 13	\$0	\$0	\$0
	30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0	\$0

1/	Weighted Average Cost of	f Capital as	file in R	.I.P.U.C.	Docket No.	4770, Schedule MAL-6	

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - Enterprise Service Bus IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 2	\$0		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$0		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$0		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0	\$0
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$0	\$0	\$0

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - Enterprise Service Bus IS

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(a)	(6)
1	Enterprise Service Bus		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5		\$0 \$0
3	Net Depreciable Capital included in Rate Base	Column (a) - Line 3 - Line 4, Column (b and c) - 1100 Teal Line 3	ΨΟ	Φ0
	Change in Net Capital Included in Rate Base			
6	Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	\$0	\$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17	Effective Tax Rate		21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0	\$0
19	Less: FY 2021 Federal NOL		\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0
24	Deferred Tax Reserve	- Line 21	\$0	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0
	Revenue Requirement Calculation:			
		Column (a) = Current Year Line 25 \div 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25) ÷ 2	\$0.00	\$0
27	Pre-Tax ROR	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper MAL-6	0.000/	0 000/
28	Return and Taxes	Workpaper MAL-6 Line 26 * Line 27	8.80% \$0	8.80% \$0
29	Book Depreciation	Line 13	\$0	\$0
20	<u> </u>	1: 40 1: 40	40	40
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0

1/	Weighted Average	Cost of Capital as 1	file in R.I.P.U.C	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - Enterprise Service Bus IS

			Fiscal Year Ending	_
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0_

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 6 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Enterprise Service Bus IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(4)
1	Enterprise Service Bus		\$15,912,000
2	Total Estimated Capital Investment	Sum of Line 1	\$15,912,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$15,912,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$15,912,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$15,912,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$15,912,000
	Tax Depreciation		_
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$5,303,470
11	Cumulative Tax Depreciation	Current Year Line 10	\$5,303,470
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$1,136,571
14	Cumulative Book Depreciation	Current Year Line 13	\$1,136,571
15	Total Cumulative Book Depreciation	Line 14	\$1,136,571
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$4,166,899
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$875,049
19	Less: FY 2022 Federal NOL		\$0
20	Less: Proration Adjustment	Col = Page 10 of 10, Line 40	(\$475,084)
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$399,965
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$15,912,000
23	Accumulated Depreciation	- Line 15	(\$1,136,571)
24	Deferred Tax Reserve	- Line 21	(\$399,965)
25	Year End Rate Base	Sum of Lines 22 through 24	\$14,375,463
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$7,187,731.69
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$632,520
29	Book Depreciation	Line 13	\$1,136,571
30	Annual Revenue Requirement	Line 28 + Line 29	\$1,769,092

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Docket	No. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - Enterprise Service Bus IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$15,912,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$15,912,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$15,912,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$15,912,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$15,912,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$15,912,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$5,303,470
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$5,303,470

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Enterprise Service Bus IS

Line				(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration			Total	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13	\$0	\$0
2	Bonus Depreciation		10, - Line 12	\$0	\$0
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18	\$0	\$0
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4	\$0	\$0
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
7	Deferred Tax Reserve	Line :	5 * Line 6	\$0	\$0
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction	Page 3 o	of 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0
15	Net Operating Loss	Page 2 o	f 10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	\$0	\$0
	Allocation of FY 2020 Estimated Federal NOL				
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$0	\$0
18	Cumulative Book/Tax Timer Not Subject to Proration	L	ine 11	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$0	\$0
20	Total FY 2020 Federal NOL	Page 2 of 10), Line 19 / 21%	\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Li	ne 19) * Line 20	\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Li	ne 19) * Line 20	\$0	\$0
23	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0
		(i)	(j)		
		Number of Days in			
	Proration Calculation	<u>Month</u>	Proration Percentage	(k)= Sum of (1)	(1)
26	April 2019	30		\$0	\$0
27	May 2019	31	83.29%	\$0	\$0
28	June 2019	30	75.07%	\$0	\$0
29	July 2019	31		\$0	\$0
30	August 2019	31		\$0	\$0
31	September 2019	30		\$0	\$0
32	October 2019	31		\$0	\$0
33	November 2019	30	33.15%	\$0	\$0
34	December 2019	31		\$0	\$0
35	January 2020	31		\$0	\$0
36	February 2020	28		\$0	\$0
37	March 2020	31		\$0	\$0
38	Total	365		\$0	\$0
39	Deferred Tax Without Proration	L	ine 25	\$0	\$0
40	Proration Adjustment		8 - Line 39	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 9 of 10

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Enterprise Service Bus IS

		o, o		(a)=Sum of (b) through (c)	(b) Vintage Year	(c) Vintage Year
Line	D. 10 01 D. 1			Total	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration	Col (b) - Page 4 of 10), Line 13; Col (c) = Page 2			
1	Book Depreciation		0, Line 13	\$0	\$0	\$0
2	Bonus Depreciation		of 10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation		0, Line 18; Col (c) = Page 3 0, Line 18	\$0	\$0	\$0
), Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		0, Line 19	\$0 \$0	\$0 \$0	Φ0.
5 6	Cumulative Book / Tax Timer Effective Tax Rate		nes 1 through 4 Department	21.00%	21.00%	\$0 21.00%
7	Deferred Tax Reserve		5 * Line 6	\$0	\$0	\$0
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0	
9	Cost of Removal	Page 5 o	of 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021	I ! 0 . I	0 . I 10	\$0 \$0	\$0 \$0	
11 12	Cumulative Book / Tax Timer Effective Tax Rate	Line 8 + I	Line 9 + Line 10	21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line '	7 + Line 13	\$0	\$0	\$0
		Col (b) = Page 4 of 10), Line 19; Col (c) = Page 2			
15	Net Operating Loss		0, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	\$0	\$0	\$0
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration		b) = Line 5	\$0	\$0	\$0
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer	_	ine 11 7 + Line 18	\$0 \$0	\$0 \$0	\$0 \$0
19	Total Cumulative Book/Tax Timer	Line i	7 + Line 18	30	\$0	\$0
20	T - LEW 2021 F. L. LINOI), Line 19; Col (c) = Page 2	60	Φ0.	40
20 21	Total FY 2021 Federal NOL Allocated FY 2021 Federal NOL Not Subject to Proration		ine 19 / 21% ine 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2021 Federal NOL Subject to Proration		ine 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(======================================		21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line '	7 + Line 24	\$0	\$0	\$0
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26 27	April 2020 May 2020	30 31		\$0 \$0	\$0 \$0	\$0 \$0
28	June 2020	30		\$0 \$0	\$0 \$0	\$0 \$0
29	July 2020	31		\$0	\$0	\$0
30	August 2020	31	58.08%	\$0	\$0	\$0
31	September 2020	30		\$0	\$0	\$0
32	October 2020	31		\$0	\$0	\$0
33 34	November 2020 December 2020	30 31		\$0 \$0	\$0 \$0	\$0 \$0
35	January 2021	31		\$0 \$0	\$0 \$0	\$0 \$0
36	February 2021	28		\$0	\$0	\$0
37	March 2021	31		\$0	\$0	\$0
38	Total	365	i	\$0	\$0	\$0
39	Deferred Tax Without Proration		ine 25	\$0	\$0	\$0
40	Proration Adjustment	Line 3	38 - Line 39	\$0	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 10 of 10

The Narragansett Electric Company d/b/a National Grid $Power\ Sector\ Transformation\ (PST)$ Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Enterprise Service Bus IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
				m . 1	Vintage Year	Vintage Year	Vintage Year
Line No.	Deferred Tax Subject to Proration			Total	March 31, 2022	March 31, 2021	March 31, 2020
<u>140.</u>	Deterred Tax Subject to Froration	Cal (b) - Daga 6 of 10	Line 12. Cel (e) - Dece				
1	Book Depreciation		Line 13; Col (c) = Page (d) = Page 2 of 10, Line				
•	Door Depression		13	\$1,136,571	\$1,136,571	\$0	\$0
2	Bonus Depreciation		10, Line 12	\$0	\$0		
			, Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Col	(d) = Page 3 of 10, Line				
			18	(\$5,303,470)	(\$5,303,470)	\$0	\$0
		Col (b) = Page 7 of 10	, Line 19; Col (c) = Page				
			(d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0		
5	Cumulative Book / Tax Timer		es 1 through 4	(\$4,166,899)	(\$4,166,899)	\$0	\$0
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	(\$875,049)	(\$875,049)	\$0	\$0
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 of	f 10, Line 3	\$0	\$0		
9	Cost of Removal		10, Line 20	\$0 \$0	\$0 \$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022	rage / or	10, 2.me 20	\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Lin	ne 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$875,049)	(\$875,049)	\$0	\$0
			, Line 19; Col (c) = Page				
15	Net Operating Loss		e) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$875,049)	(\$875,049)	\$0	\$0
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)	= Line 5	(\$4,166,899)	(\$4,166,899)	\$0	\$0
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	(\$4,166,899)	(\$4,166,899)	\$0	\$0
		Col (b) = Page 6 of 10	, Line 19; Col (c) = Page				
		4 of 10, Line 19; Col (c	e) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ie 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ie 19) * Line 20	\$0	\$0	\$0	\$0
23 24	Effective Tax Rate Deferred Tax Benefit subject to proration		Department * Line 23	21.00% \$0	21.00% \$0	21.00% \$0	21.00% \$0
24	Deferred Tax Benefit subject to profation	Line 22	Line 23	30	30	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$875,049)	(\$875,049)	\$0	\$0
	<u>I</u>			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(,,,,,,,,,		
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	(\$66,927)	(\$66,927)	\$0	\$0
27	May 2021	31	83.29%	(\$60,734)	(\$60,734)	\$0	\$0
28	June 2021	30	75.07%	(\$54,740)	(\$54,740)	\$0	\$0
29	July 2021	31	66.58%	(\$48,547)	(\$48,547)	\$0	\$0
30	August 2021	31	58.08%	(\$42,354)	(\$42,354)	\$0	\$0
31	September 2021	30	49.86%	(\$36,360)	(\$36,360)	\$0	\$0
32	October 2021	31	41.37%	(\$30,167)	(\$30,167)	\$0	\$0
33 34	November 2021 December 2021	30 31	33.15% 24.66%	(\$24,174)	(\$24,174)	\$0 \$0	\$0 \$0
35	January 2022	31	24.66% 16.16%	(\$17,980) (\$11,787)	(\$17,980) (\$11,787)	\$0 \$0	\$0 \$0
36	February 2022	28	8.49%	(\$6,193)	(\$6,193)	\$0 \$0	\$0 \$0
37	March 2022	31	0.00%	\$0	\$0	\$0	\$0
38	Total	365		(\$399,965)	(\$399,965)	\$0	\$0
39	Deferred Tax Without Proration		ne 25	(\$875,049)	(\$875,049)	\$0	\$0
40	Proration Adjustment	Line 38	- Line 39	\$475,084	\$475,084	\$0	\$0

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Feeder Monitoring Sensors Annual Revenue Requirement Summary

Line <u>No.</u>			March	ear Ending 31, 2019 (a)		nl Year Ending arch 31, 2020 (b)		scal Year Ending March 31, 2021 (c)		al Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:			,						
1	System Data Portal		\$	-	\$	-	\$	-	\$	-
2	Feeder Monitoring Sensors		\$	-	\$	-	\$	5,000	\$	10,000
3	RTU Separation		\$	-	\$	-	\$	-	\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
6	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
8	Data Lake		\$	-	\$	-	\$	-	\$	-
9	PI Historian		\$	-	\$	-	\$	-	\$	-
10	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
11	Telecommunications		\$	-	\$	-	\$	-	\$	-
12	Cybersecurity		\$	-	\$	-	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	-	\$	5,000	\$	10,000
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		\$		\$		\$		s	
15	GIS Data Enhancement		s		\$		\$		S	
16	Enterprise Service Bus		S		\$		\$		S	
17	Data Lake		S		\$		\$		S	
18	PI Historian		S		\$	-	\$	_	S	
19	Advanced Analytics		s		\$	-	\$	_	S	
20	Telecommunications		s		\$	-	\$	_	\$	
21	Cybersecurity		S		\$	-	\$	_	S	
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	-	\$		\$	-
23	Total O&M Expenses	Line 13 + Line 22	\$		\$	_	\$	5,000	s	10,000
23	Total Oct. 1 Expenses	Enic 15 T Enic 22	-		Ψ		Ψ	2,000	Ψ	10,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$26,261		\$66,259		\$64,794
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$26,261		\$66,259
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$26,261
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27		-		\$26,261		\$92,520		\$157,314
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0		\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32		-		\$0		\$0		\$0
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$26,261		\$97,520		\$167,314
35	Total Gas Revenue Requirement	Line 22 + Line 33				\$0		\$0		\$0
36	Total Floatria & Cas Pavanya Paguirament	Line 34 + Line 35			\$	26,261	¢	97,520	¢	167,314
30	Total Electric & Gas Revenue Requirement	Line 34 + Line 33			Ф	20,201	Ф	91,520	Þ	107,314

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THE NARRAGANSETT ELECTRIC COMPANY

d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
	Estimated Capital Investment		(a)	(b)	(c)
1	Feeder Monitor Sensors		\$455,000	\$0	\$0
2	RTU Separation		\$0	\$0	\$0
3	Total Estimated Capital Investment	Line 1 + Line 2	\$455,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$455,000	\$0	\$0
5 6	Retirements	Line 4 * 0% Column (a) = Line 4 - Line 5; Column (b and c) = Prior Year Line 6	\$0 \$455,000	\$0 \$455,000	\$0 \$455,000
0	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b and c) = Prior Tear Line 6	\$433,000	\$455,000	\$455,000
7	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 3	\$455,000	\$0	\$0
8	Cost of Removal		\$0	\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$455,000	\$455,000	\$455,000
	Tax Depreciation				
10	Vintage Year Tax Depreciation:				
11	FY 2020 Spend	Page 3 of 10, Line 21	\$17,063	\$32,846	\$30,380
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11	\$17,063	\$49,909	\$80,289
			,	4.0,000	-
	Book Depreciation				
13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.89%	2.89%	2.89%
14	Book Depreciation	Column (a) = Line 1 * Line 13 * 50%; Column (b and c) = Line 1 * Line 13	\$6,575	\$13,150	\$13,150
15	Cumulative Book Depreciation	Prior Year Line 15 + Current Year Line 14	\$6,575	\$19,724	\$32,874
16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%	2.09%
17	Book Depreciation	Column (a) = Line 2 * Line 16 * 50%; Column (b and c) = Line 2 * Line 16	\$0	\$0	\$0
18	Cumulative Book Depreciation	Prior Year Line 18 + Current Year Line 17	\$0	\$0	\$0
	•				
19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$6,575	\$19,724	\$32,874
	Deferred Tax Calculation:				
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$10,488	\$30,185	\$47,415
21	Effective Tax Rate		21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$2,203	\$6,339	\$9,957
23	Less: FY 2020 Federal NOL		\$ -	\$ -	\$ -
		Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c) = Page			
24 25	Less: Proration Adjustment Net Deferred Tax Reserve	10 of 10, Line 40 Sum of Lines 22 through 24	\$ (1,196) \$1,007	\$ (2,246) \$4,093	\$ (1,965) \$7,993
23	Net Defended Tax Reserve	Sum of Lines 22 through 24	31,007	\$4,073	\$1,773
	Rate Base Calculation:				
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 455,000	\$ 455,000	\$ 455,000
27	Accumulated Depreciation	- Line 19	(\$6,575)	(\$19,724)	(\$32,874)
28	Deferred Tax Reserve	- Line 25	(\$1,007)	(\$4,093)	(\$7,993)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 447,419	\$431,183	\$414,134
	Revenue Requirement Calculation:				
		Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line			
30	Average Rate Base	29 + Current Year Line 39) ÷ 2	\$223,709	\$439,301	\$422,658
31	Pre-Tax ROR	29 + Current Teat Line 39) + 2		8.80%	8.80%
32	Return and Taxes	Line 30 * Line 31	\$19,686	\$38,658	\$37,194
33	Book Depreciation	Line 14 - Line 17	\$6,575	\$13,150	\$13,150
34	Property Taxes	Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176%	\$0	\$14,451	\$14,451
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$26,261	\$66,259	\$64,794
33	- Amount Actitute Requirement	Sum of Lines 32 till ough 34	Ψ20,201	ψ00,239	ψυ-1,794

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 Electric Capital Investments RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 3	\$455,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$455,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 0%	0.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$455,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000	\$455,000	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%	6.677%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063	\$32,846	\$30,380
19	FY20 Loss incurred due to retirements	Per Tax Department	\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 8	\$0	40	40
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$17,063	\$32,846	\$30,380

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2021

RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line No.					Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment				(a)	(6)
1	Feeder Monitor Sensors				\$455,000	
2	RTU Separation Total Estimated Capital Investment	Li	ine 1 + Line 2		\$0 \$455,000	\$0
	Depreciable Net Capital Included in Rate Base					
4 5	Total Allowed Capital Included in Rate Base in Current Year Retirements		Line 3 Line 4 * 0%		\$455,000 \$0	\$0 \$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Lin		Year Line 6	\$455,000	\$455,000
7	<u>Change in Net Capital Included in Rate Base</u> Capital Included in Rate Base		Line 3		\$455,000	\$0
8	Cost of Removal				\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Li	ne 6 + Line 8		\$455,000	\$455,000
	Tax Depreciation					
10	Vintage Year Tax Depreciation:	D.	5 610 1: 21		617.062	022.046
11 12	FY 2021 Spend Cumulative Tax Depreciation		5 of 10, Line 21 12 + Current Year Line	. 11	\$17,063 \$17,063	\$32,846 \$49,909
12	•	FIIOI Teal Line	12 + Current Teat Line	: 11	\$17,003	\$47,707
13	Book Depreciation Composite Book Depreciation Rate	As filed per D	I.P.U.C. Docket No. 47	70	2.89%	2.89%
14	Book Depreciation Rate	Column (a) = Line 1 * Line 1			\$6,575	\$13,150
15	Cumulative Book Depreciation		15 + Current Year Line		\$6,575	\$19,724
16	Composite Book Depreciation Rate	As filed per R.	I.P.U.C. Docket No. 47	70	2.09%	2.09%
17	Book Depreciation	Column (a) = Line 2 * Line 1			\$0	\$0
18	Cumulative Book Depreciation	Prior Year Line	18 + Current Year Line	17	\$0	\$0
19	Total Cumulative Book Depreciation	Lin	ne 18 + Line 15		\$6,575	\$19,724
	Deferred Tax Calculation:					
20 21	Cumulative Book / Tax Timer Effective Tax Rate	Lir	ne 12 - Line 19		\$10,488 21.00%	\$30,185
22	Deferred Tax Reserve	Lin	ne 20 * Line 21		\$2,203	21.00% \$6,339
23	Less: FY 2021 Federal NOL		10 20 Emic 21		\$0	\$0
24	Less: Proration Adjustment	Col (a) = Page 9 of 10, Lin		of 10, Line 40	(\$1,196)	(\$2,246)
25	Net Deferred Tax Reserve	Sum of	Lines 22 through 24		\$1,007	\$4,093
	Rate Base Calculation:					
26	Cumulative Incremental Capital Included in Rate Base		Line 9		\$ 455,000	\$455,000
27 28	Accumulated Depreciation Deferred Tax Reserve		- Line 19 - Line 25		(\$6,575) (\$1,007)	(\$19,724) (\$4,093)
29	Year End Rate Base	Sum of	Lines 26 through 28		\$ 447,419	\$431,183
	Revenue Requirement Calculation:					
	•	Column (a) = Current Year Line	e 29 ÷ 2; Column (b) = (Prior Year Line 29		
30	Average Rate Base	+ Currer	nt Year Line 29) ÷ 2		\$223,709.26	\$439,301
31	Pre-Tax ROR			1/	8.80%	8.80%
32	Return and Taxes		ne 30 * Line 31		\$19,686	\$38,658
33 34	Book Depreciation Property Taxes		e 14 + Line 17 7 - Columns (b) Line 9	9 * 3.176%	\$6,575 \$0	\$13,150 \$14,451
35	Annual Revenue Requirement	Sun	of Lines 32 through 3	34	\$26.261	\$66 259
35	Annual Revenue Requirement		n of Lines 32 through 3	14	\$26,261	\$66,259
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket	No. 4770, Schedule MAL-1-ELEC Ratio	Rate	Rate	Taxes	Return
	Long Term Debt	48.47%	4.69%	2.27%		2.27%
	Short Term Debt	0.45%	1.76%	0.01%		0.01%
	Preferred Stock	0.11%	4.50%	0.00%		0.00%
		#0 0#**	10.10=:		4 000	
	Common Equity	50.97% 100.00%	10.10%	5.15% 7.43%	1.37% 1.37%	6.52% 8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 Electric Capital Investments RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
1101	Capital Repairs Deduction		(41)	(8)
1	Plant Additions	Page 4 of 10, Line 3	\$455,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$455,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$455,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063	\$32,846
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 8	\$0	\$0
			-	
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$17,063	\$32,846

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Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(4)
1	Feeder Monitor Sensors		\$455,000
2	RTU Separation		\$0
3	Total Estimated Capital Investment	Line 1 + Line 2	\$455,000
	Depreciable Net Capital Included in Rate Base		\$455.00
4 5	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 3 Line 4 * 0%	\$455,000 \$6
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5	\$455,000
	Change in Net Capital Included in Rate Base		
7	Capital Included in Rate Base	Line 3	\$455,000
8	Cost of Removal		\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$455,000
	Tax Depreciation		
10	Vintage Year Tax Depreciation:		
11	FY 2022 Spend	Page 7 of 10, Line 21	\$17,063
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 13	\$17,063
	Book Depreciation		
13	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.89%
14	Book Depreciation	Column (a) = Line 1* Line 13 * 50%	\$6,575
15	Cumulative Book Depreciation	Current Year Line 14	\$6,575
16	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.09%
17	Book Depreciation	Column (a) = Line 2* Line 16 * 50%	\$0
18	Cumulative Book Depreciation	Current Year Line 16	\$0
19	Total Cumulative Book Depreciation	Line 15 + Line 18	\$6,575
	Deferred Tax Calculation:		
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$10,488
21	Effective Tax Rate		21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$2,203
23	Less: FY 2022 Federal NOL		\$0
24 25	Less: Proration Adjustment Net Deferred Tax Reserve	Col (a) = Page 10 of 10, Line 40 Sum of Lines 22 through 24	(\$1,196) \$1,007
	Rate Base Calculation:		
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 455,000
27	Accumulated Depreciation	- Line 19	(\$6,575)
28	Deferred Tax Reserve	- Line 25	(\$1,007)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 447,419
	Revenue Requirement Calculation:		
30	Average Rate Base	Column (a) = Current Year Line 29 ÷ 2	\$223,709
31	Pre-Tax ROR		1/ 8.80%
32	Return and Taxes	Line 30 * Line 31	\$19,686
33	Book Depreciation	Line 14 + Line 17	\$6,575
34	Property Taxes	Tax Rate 3.176% MAL-7	\$0
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$26,261

1/ Weighted Average	Cost of Capital as	file in RIPIIC	Docket No. 4770	Schedule MAL-1-ELEC

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 Electric Capital Investments RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 3	\$455,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$455,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000
9	Bonus Depreciation Rate (April 2021 - December 2021)	0%	0.00%
10	Bonus Depreciation Rate (January 2022 - Mar 2022)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$455,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 8	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$17,063

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Power Sector Transformation (PST)

Calculation of Fiscal Year 2020 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - Feeder Monitoring Sensors Electric

Line					(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration				<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 of 10.	Line 14 + Line	: 17	\$6,575	\$6,575
2	Bonus Depreciation	Page 3	of 10, Line 12		\$0	\$0
3	Remaining MACRS Tax Depreciation	Page 3	of 10, Line 18		(\$17,063)	(\$17,063)
4	FY20 tax (gain)/loss on retirements	-	of 10, Line 19		\$0	\$0
5	Cumulative Book / Tax Timer	-	ines 1 through 4		(\$10,488)	(\$10,488)
6	Effective Tax Rate				21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6		(\$2,203)	(\$2,203)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3	of 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + I	Line 9 + Line 10)	\$0	\$0
12	Effective Tax Rate				21.00%	21.00%
13	Deferred Tax Reserve	Line 1	11 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve	Line	7 + Line 13		(\$2,203)	(\$2,203)
15	Net Operating Loss	Page 2	of 10, Line 23		\$0	\$0
16	Net Deferred Tax Reserve	Line 1	14 + Line 15		(\$2,203)	(\$2,203)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5		(\$10,488)	(\$10,488)
18	Cumulative Book/Tax Timer Not Subject to Proration	I	Line 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	17 + Line 18		(\$10,488)	(\$10,488)
20	Total FY 2020 Federal NOL	Page 2 of 10, Line 23 / 21%		\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	*	ine 19) * Line		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / L	ine 19) * Line	20	\$0	\$0
23	Effective Tax Rate	Per Tax Department		21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 2	22 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line	Line 7 + Line 24		(\$2,203)	(\$2,203)
		(i)	(j.)		
		Number of Days in				
	Proration Calculation	<u>Month</u>	Proration P	-	(k)= Sum of (1)	(1)
26	April 2019	30		91.78%	(\$168)	(\$168)
27	May 2019	3		83.29%	(\$153)	(\$153)
28	June 2019	30		75.07%	(\$138)	(\$138)
29	July 2019	3:		66.58%	(\$122)	(\$122)
30	August 2019	3:		58.08%	(\$107)	(\$107)
31	September 2019	30		49.86%	(\$92)	(\$92)
32	October 2019	3.		41.37%	(\$76)	(\$76)
33	November 2019	30		33.15%	(\$61)	(\$61)
34	December 2019	3.		24.66%	(\$45)	(\$45)
35	January 2020	3.		16.16%	(\$30)	(\$30)
36	February 2020	28		8.49%	(\$16)	(\$16)
37	March 2020	3:		0.00%	\$0	\$0
38	Total	365)		(\$1,007)	(\$1,007)
39	Deferred Tax Without Proration	I	Line 25		(\$2,203)	(\$2,203)
40	Proration Adjustment	Line 3	38 - Line 39		\$1,196	\$1,196

⁽j) Sum of remaining days in the year (Col (i)) $\div~365$

⁽l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - Feeder Monitoring Sensors Electric

(a)=Sum of (b)through (c) (b) (c) Vintage Year Vintage Year March 31, 2021 March 31, 2020 Line Total Deferred Tax Subject to Proration No. Col (b) = Page 4 of 10, Line 14 + Line 17 ;Col 1 Book Depreciation (c) = Page 2 of 10, Line 14 + Line 17 \$19,724 \$6.575 \$13,150 2 Bonus Depreciation Page 5 of 10, Line 12 \$0 \$0 Col (b) = Page 5 of 10, Line 18 ;Col (c) = Page 3 Remaining MACRS Tax Depreciation 3 of 10, Line 18 (\$49,909) (\$17,063) (\$32,846) Col (b) = Page 5 of 10, Line 19; Col (c) = Page 3 of 10, Line 19 \$0 \$0 FY21 tax (gain)/loss on retirements \$0 Cumulative Book / Tax Timer (\$30,185) (\$10,488) (\$19,697) Sum of Lines 1 through 4 Effective Tax Rate Per Tax Department 21.00% 21.00% 21.00% Deferred Tax Reserve Line 5 * Line 6 (\$6,339) (\$2,203) (\$4,136) Deferred Tax Not Subject to Proration Capital Repairs Deduction Page 7 of 10, Line 3 \$0 \$0 9 Cost of Removal Page 7 of 10, Line 20 \$0 \$0 Book/Tax Depreciation Timing Difference at 3/31/2021 \$0 10 \$0 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 11 \$0 \$0 Effective Tax Rate 21.00% 12 21.00% Deferred Tax Reserve Line 11 * Line 12 13 \$0 \$0 Line 7 + Line 13 14 Total Deferred Tax Reserve (\$6,339) (\$2,203) (\$4,136) 15 Net Operating Loss Page 4 of 10, Line 23 16 Net Deferred Tax Reserve Line 14 + Line 15 (\$6,339) (\$2,203) (\$4,136) Allocation of FY 2021 Estimated Federal NOL Col(b) = Line 5(\$10,488) (\$10,488) 17 Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration 18 Line 11 (\$10,488) (\$10,488) Total Cumulative Book/Tax Timer Line 17 + Line 18 19 20 Total FY 2021 Federal NOL Col (b) = Page 4 of 10, Line 23 / 21% \$0 \$0 Allocated FY 2021 Federal NOL Not Subject to Proration 21 (Line 18 / Line 19) * Line 20 \$0 \$0 22 Allocated FY 2021 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20 \$0 \$0 Effective Tax Rate Per Tax Department 21.00% 21.00% 23 24 Deferred Tax Benefit subject to proration Line 22 * Line 23 \$0 \$0 Line 7 + Line 24 25 Net Deferred Tax Reserve subject to proration (\$6,339) (\$2,203)(\$4,136) (i) (i) Number of Days in (k)= Sum of (l) **Proration Calculation** Month Proration Percentage through (m) (m) 26 April 2020 30 91.78% (\$485) (\$168) (\$316) 27 May 2020 31 83 29% (\$440)(\$153)(\$287) June 2020 75 07% (\$397) (\$259) 28 30 (\$138)29 July 2020 31 66.58% (\$352) (\$122) (\$229) 58.08% (\$307) 30 August 2020 (\$107) (\$200) 31 September 2020 30 49.86% (\$263) (\$92) (\$172) 31 October 2020 32 31 41.37% (\$219) (\$76) (\$143) 33 November 2020 30 33.15% (\$175) (\$61) (\$114) 34 December 2020 31 24.66% (\$130) (\$45) (\$85) 35 January 2021 31 16.16% (\$85) (\$30) (\$56) 36 February 2021 28 8.49% (\$45) (\$16) (\$29) 37 March 2021 31 0.00% \$0 \$0 \$0 38 Total 365 (\$2.897) (\$1.007) (\$1.891) Deferred Tax Without Proration 39 Line 25 (\$6,339) (\$2.203)(\$4,136) 40 Proration Adjustment Line 38 - Line 39 \$2,246 \$3,441 \$1,196

- (j) Sum of remaining days in the year (Col (i)) ÷ 365
- (l) through (r) = Current Year Line $25 \div 12 *$ Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Fiscal Year 2022 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - Feeder Monitoring Sensors Electric (a)=Sum of (b)

				(a)=Sum of (b)	4.)	(-)	(1)
				through (d)	(b) Vintage Year	(c) Vintage Year	(d) Vintage Year
Line				Total	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation	Col (b) = Page 6 of 10, Line 14 + Line 17; Col (c) = Page 4 of 10, Line 14 + Line 17; Col (d) = Page 2 of 10, Line 14 + Line 17		\$32.874	\$6,575	\$13,150	\$13,150
2	Bonus Depreciation	Page 5 of	10, Line 12	\$0	\$0		
3	Remaining MACRS Tax Depreciation	Col (b) = Page 7 of 10, Line 18; Col (c) = Page 5 of 10, Line 18; Col (d) = Page 3 of 10, Line 18		(\$80,289)	(\$17,063)	(\$32,846)	(\$30,380)
			Line 19; Col (c) = Page (d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lin	es 1 through 4	(\$47,415)	(\$10,488)	(\$19,697)	(\$17,231)
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		f 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 of	10, Line 20	\$0	\$0		
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	T 0 . T .	ne 9 + Line 10	\$0 \$0	\$0 \$0		
12	Effective Tax Rate	Line 8 + Li	ne 9 + Line 10	21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
			*				
14 15	Total Deferred Tax Reserve		+ Line 13 10, Line 23	(\$9,957)	(\$2,203) \$0	(\$4,136) \$0	(\$3,618)
16	Net Operating Loss Net Deferred Tax Reserve		+ Line 15	\$0 (\$9,957)	(\$2,203)	(\$4,136)	\$0 (\$3,618)
10	Net Deterred 1 ax Reserve	Lille 14	+ Line 15	(\$9,937)	(\$2,203)	(\$4,130)	(\$3,018)
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5	(\$10,488)	(\$10,488)		
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11	\$0	\$0		
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	(\$10,488)	(\$10,488)		
20	Total FY 2022 Federal NOL	Col (b) = Page 6	of 10, Line 23 / 21%	\$0	\$0		
21	Allocated FY 2022 Federal NOL Not Subject to Proration	(Line 18 / Lir	ne 19) * Line 20	\$0	\$0		
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 17 / Lir	ne 19) * Line 20	\$0	\$0		
23	Effective Tax Rate		Department	21.00%	21.00%		
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0		
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
		(i)	(j)				
		Number of Days in		(k)= Sum of (1)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	(\$762)	(\$168)	(\$316)	(\$277)
27 28	May 2021 June 2021	31 30	83.29% 75.07%	(\$691)	(\$153) (\$138)	(\$287) (\$259)	(\$251) (\$226)
29	July 2021 July 2021	31	66.58%	(\$623) (\$552)	(\$122)	(\$239)	(\$220)
30	August 2021	31	58.08%	(\$482)	(\$107)	(\$200)	(\$175)
31	September 2021	30	49.86%	(\$414)	(\$92)	(\$172)	(\$150)
32	October 2021	31	41.37%	(\$343)	(\$76)	(\$143)	(\$125)
33	November 2021	30	33.15%	(\$275)	(\$61)	(\$114)	(\$100)
34	December 2021	31	24.66%	(\$205)	(\$45)	(\$85)	(\$74)
35	January 2022	31	16.16%	(\$134)	(\$30)	(\$56)	(\$49)
36 37	February 2022 March 2022	28 31	8.49% 0.00%	(\$70) \$0	(\$16) \$0	(\$29) \$0	(\$26) \$0
38	March 2022 Total	31 365	0.00%	(\$4,551)	(\$1,007)	(\$1,891)	(\$1,654)
55		303		(\$\psi,551)	(ψ1,007)	(\$1,071)	(\$1,054)
39	Deferred Tax Without Proration		ne 25	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
40	Proration Adjustment	Line 38	3 - Line 39	\$5,406	\$1,196	\$2,246	\$1,965

 ⁽j) Sum of remaining days in the year (Col (i)) ÷ 365
 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Grid Mod RI Only - GIS Data Enhancement (BR) Annual Revenue Requirement Summary

Line			Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
No.			<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
			(a)	(b)	(c)	(d)
	Operation and Maintenance (O&M) Expenses:					
1	GIS Data Enhancement (BR)		\$0	\$0	\$1,028,000	\$1,028,000
2	Total O&M costs	Sum of Line 1	\$0	\$0	\$1,028,000	\$1,028,000
3	Total Revenue Requirement		\$0	\$0	\$1,028,000	\$1,028,000

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Grid Mod RI Only - GIS Data Enhancement (IS) Annual Revenue Requirement Summary

Line			Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
No.			<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
			(a)	(b)	(c)	(d)
	Operation and Maintenance (O&M) Expenses:					
1	GIS Data Enhancement (IS)		\$3,049,000	\$0	\$0	\$0
2	Total O&M costs	Sum of Line 1	\$3,049,000	\$0	\$0	\$0
_						
3	Total Revenue Requirement		\$3,049,000	\$0	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - PI Historian Annual Revenue Requirement Summary

Line <u>No.</u>			March	ar Ending 31, 2019 a)	Fiscal Year Ending March 31, 2020 (b)	iscal Year Ending March 31, 2021 (c)		Year Ending ech 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:						_	
1	System Data Portal		\$	-	\$ -	\$	\$	-
2	Feeder Monitoring Sensors		\$	-	\$ -	\$	\$	-
3	RTU Separation		\$	-	\$ -	\$	\$	-
4	GIS Data Enhancement		\$	-	\$ -	\$	\$	-
5	DSCADA & ADMS		\$	-	\$ -	\$	\$	-
6	GIS Data Enhancement		\$	-	\$ -	\$	\$	-
7	Enterprise Service Bus		\$	-	\$ -	\$	\$	-
8	Data Lake		\$	-	\$ -	\$	\$	
9	PI Historian		\$	-	\$ 33,691	\$	\$	1,329,491
10	Advanced Analytics		\$	-	\$ -	\$	\$	-
11	Telecommunications		\$	-	\$ -	\$	\$	-
12	Cybersecurity		\$	-	\$ -	\$	\$	
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$ 33,691	\$ 1,329,491	\$	1,329,491
	Gas Operation and Maintenance (O&M) Expenses:							
14	DSCADA & ADMS		\$	-	\$ -	\$	\$	-
15	GIS Data Enhancement		\$	-	\$ -	\$	\$	-
16	Enterprise Service Bus		\$	-	\$ -	\$	\$	-
17	Data Lake		\$	-	\$ -	\$	\$	-
18	PI Historian		\$	-	\$ 18,309	\$. ,	\$	722,509
19	Advanced Analytics		\$	-	\$ -	\$	\$	-
20	Telecommunications		\$	-	\$ -	\$	\$	-
21	Cybersecurity		\$	-	\$ -	\$	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$ 18,309	\$ 722,509	\$	722,509
23	Total O&M Expenses	Line 13 + Line 22	\$		\$ 52,000	\$ 2,052,000	\$	2,052,000
			-					
24	Electric Capital Investment:				621.070	\$c0.93c		656.050
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$31,870	\$60,826 \$0		\$56,252
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$0
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27		-	\$31,870	\$60,826		\$56,252
29	Gas Capital Investment:							
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$17,320	\$33,056		\$30,570
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32		-	\$17,320	\$33,056		\$30,570
34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$65,561	\$1,390,316		\$1,385,742
35	Total Gas Revenue Requirement	Line 22 + Line 33	-	-	\$35,629	\$755,565		\$753,079
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$ 101,190	\$ 2,145,881	\$	2,138,821

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - PI Historian IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		(u)	(6)	(c)
1	PI Historian		\$451,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$451,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$451,000	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$451,000	\$451,000	\$451,000
	Change in Net Capital Included in Rate Base				
6	Capital Included in Rate Base	Line 2	\$451,000	\$0	\$0
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$451,000	\$451,000	\$451,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$375,830	\$50,117	\$16,698
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$375,830	\$425,947	\$442,645
	Book Depreciation				
12 13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$32,214	14.29% \$64,429	14.29% \$64,429
13	Book Depreciation Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$32,214 \$32,214	\$96,643	\$161,071
	·				
15	Total Cumulative Book Depreciation	Line 14	\$32,214	\$96,643	\$161,071
	Deferred Tax Calculation:		00.40.44.4	0000 004	0004 554
16 17	Cumulative Book / Tax Timer Effective Tax Rate	Line 11 - Line 15	\$343,616 21.00%	\$329,304	\$281,574
18	Deferred Tax Reserve	Line 16 * Line 17	\$72,159	21.00% \$69,154	21.00% \$59.130
19	Less: FY 2020 Federal NOL	Line 10 Line 17	\$72,139	\$09,134	\$59,130
		Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	**	**	***
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$39,177)	\$1,632	\$5,442
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$32,982	\$70,786	\$64,572
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$451,000	\$451,000	\$451,000
23	Accumulated Depreciation	- Line 15	(\$32,214)	(\$96,643)	(\$161,071)
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21	(\$32,982) \$385,803	(\$70,786)	(\$64,572) \$225,356
25	Year End Rate Base	Sum of Lines 22 through 24	\$385,803	\$283,572	\$225,356
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line 25 \div 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) \div 2	\$192,901.66	\$334,687	\$254,464
27	Pre-Tax ROR	1,	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$16,975	\$29,452	\$22,393
29	Book Depreciation	Line 13	\$32,214	\$64,429	\$64,429
30	Annual Revenue Requirement	Line 28 + Line 29	\$49,190	\$93,881	\$86,821

1/	Weighted Average Cost of	Capital as file in	R.I.P.U.C. Doc	ket No. 4770,	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - PI Historian IS

Line <u>No.</u>	Capital Repairs Deduction		Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
1	Plant Additions	Page 2 of 10, Line 2	\$451,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$451,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$451,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$451,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$338,250		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$451,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$338,250		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$112,750	\$112,750	\$112,750
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$37,580	\$50,117	\$16,698
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$375,830	\$50,117	\$16,698

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - PI Historian IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(a)	(6)
1	PI Historian		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0	\$0
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			
9	Vintage Year Tax Depreciation:	D 16 (01 I) 01	Φ0.	40
10 11	FY 2021 Spend Cumulative Tax Depreciation	Page 16 of 21, Line 21 Prior Year Line 11 + Current Year Line 10	\$0 \$0	\$0 \$0
	•	Thor real Ellie 11 + Current real Ellie 10	φ0	ψ0
12	Book Depreciation Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	\$0	\$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17 18	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00%	21.00% \$0
19	Less: FY 2021 Federal NOL	Line 10 · Line 17	\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21 Sum of Lines 22 through 24	\$0 \$0	\$0 \$0
23	Teal End Rate Base	Sum of Lines 22 through 24	30	30
	Revenue Requirement Calculation:			
26	Average Rate Base	Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 + Current Year Line 25) ÷ 2	\$0.00	\$0
20	Average Rate base	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,	\$0.00	\$0
27	Pre-Tax ROR	Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0	\$0
29	Book Depreciation	Line 13	\$0	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0

1/	Weighted Average	Cost of Capital as	file in R.I.P.U	J.C. Docket No.	4770, Schedu	le MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - PI Historian IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - PI Historian IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		.,
1	PI Historian		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19	Less: FY 2022 Federal NOL	0 1 D 10 C10 T: 10	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0 \$0
21	Net Deletted Tax Reserve	Sum of Lines 16 unough 20	40
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0 \$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/	Weighted Average Cost of C	apital as file in R.I.P.U.C.	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - PI Historian IS

Line			Fiscal Year Ending March 31, 2022
No.			(a)
1101	Capital Repairs Deduction		(4)
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0
	-		

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - PI Historian IS

Line	(a)= Column (b)	(b) Vintage Year
No. Deferred Tax Subject to Proration	Total	March 31, 2020
1 Book Depreciation Page 2 of 10, Line 13	\$32,214	\$32,214
2 Bonus Depreciation Page 3 of 10, - Line 12	(\$338,250)	
3 Remaining MACRS Tax Depreciation Page 3 of 10, - Line 18	(\$37,580)	
4 FY20 tax (gain)/loss on retirements Page 3 of 10, - Line 19	\$0	\$0
5 Cumulative Book / Tax Timer Sum of Lines 1 through 4	(\$343,616)	(\$343,616)
6 Effective Tax Rate Per Tax Department	21.00%	21.00%
7 Deferred Tax Reserve Line 5 * Line 6	(\$72,159)	(\$72,159)
Deferred Tax Not Subject to Proration		
8 Capital Repairs Deduction Page 3 of 10, Line 3	\$0	\$0
9 Cost of Removal Page 3 of 10, Line 20	\$0	\$0
10 Book/Tax Depreciation Timing Difference at 3/31/2020	\$0	\$0
11 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10	\$0	\$0
12 Effective Tax Rate	21.00%	21.00%
13 Deferred Tax Reserve Line 11 * Line 12	\$0	\$0
14 Total Deferred Tax Reserve Line 7 + Line 13	(\$72,159)	(\$72,159)
15 Net Operating Loss Page 2 of 10, Line 19	\$0	\$0
Net Deferred Tax Reserve Line 14 + Line 15	(\$72,159)	(\$72,159)
Allocation of FY 2020 Estimated Federal NOL		
17 Cumulative Book/Tax Timer Subject to Proration Col (b) = Line 5	(\$343,616)	
18 Cumulative Book/Tax Timer Not Subject to Proration Line 11	\$0	\$0
19 Total Cumulative Book/Tax Timer Line 17 + Line 18	(\$343,616)	(\$343,616)
20 Total FY 2020 Federal NOL Page 2 of 10, Line 19 / 21%	\$0	\$0
21 Allocated FY 2020 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20	\$0	\$0
22 Allocated FY 2020 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20	\$0	\$0
23 Effective Tax Rate Per Tax Department	21.00%	21.00%
24 Deferred Tax Benefit subject to proration Line 22 * Line 23	\$0	\$0
25 Net Deferred Tax Reserve subject to proration Line 7 + Line 24	(\$72,159)	(\$72,159)
(i) (j)		
Number of Days in		
Proration Calculation Month Proration Percentage	(k)= Sum of (1)	(1)
26 April 2019 30 91.78%	(\$5,519)	
27 May 2019 31 83.29%	(\$5,008)	
28 June 2019 30 75.07%	(\$4,514)	
29 July 2019 31 66.58%	(\$4,003)	
30 August 2019 31 58.08%	(\$3,493)	
31 September 2019 30 49.86%	(\$2,998)	
32 October 2019 31 41.37%	(\$2,488)	
33 November 2019 30 33.15%	(\$1,993)	
34 December 2019 31 24.66%	(\$1,483)	
35 January 2020 31 16.16%	(\$972)	
36 February 2020 28 8.49%	(\$511)	
37 March 2020 31 0.00%	\$0	\$0
38 Total 365	(\$32,982)	(\$32,982)
39 Deferred Tax Without Proration Line 25	(\$72,159)	(\$72,159)
40 Proration Adjustment Line 38 - Line 39	\$39,177	\$39,177

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - PI Historian IS

				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line				Total	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation		Line 13; Col (c) = Page 2	¢<4.420	\$0	¢<4.420
2	Promo Demociation		Line 13 10, Line 12	\$64,429 \$0	\$0 \$0	\$64,429
2	Bonus Depreciation			\$0	\$0	
3	Remaining MACRS Tax Depreciation		Line 18; Col (c) = Page 3 Line 18	(\$50,117)	\$0	(\$50,117)
				(\$30,117)	\$0	(\$30,117)
	TNO.		Line 19; Col (c) = Page 3	0.0	40	
4	FY21 tax (gain)/loss on retirements		Line 19	\$0	\$0 \$0	614 212
5 6	Cumulative Book / Tax Timer Effective Tax Rate		es 1 through 4	\$14,312 21.00%	21.00%	\$14,312 21.00%
7	Deferred Tax Reserve		Department * Line 6	\$3,005	\$0	\$3,005
/	Deferred Tax Reserve	Line 5	™ Line o	\$3,003	\$0	\$3,005
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5 o	f 10, Line 3	\$0	\$0	
9	Cost of Removal		10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021		,	\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + Li	ne 9 + Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$3,005	\$0	\$3,005
		Col (b) = Page 4 of 10,	Line 19; Col (c) = Page 2			
15	Net Operating Loss	of 10,	Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	\$3,005	\$0	\$3,005
	Allocation of FY 2021 Estimated Federal NOL	0.10			***	
17	Cumulative Book/Tax Timer Subject to Proration		= Line 5	\$14,312	\$0	\$14,312
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	\$14,312	\$0	\$14,312
		G 1 (1) P (1 (1)				
20	T . LTV 2021 F L LVOI		Line 19; Col (c) = Page 2	0.0	40	Φ0
20 21	Total FY 2021 Federal NOL Allocated FY 2021 Federal NOL Not Subject to Proration		ne 19 / 21% ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2021 Federal NOL Not Subject to Proration		ie 19) * Line 20 ie 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(Lille 17 / Lill	le 19) * Lille 20	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0
24	Deterred Tax Benefit subject to profution	Ellic 22	Elike 23	ΨΟ	ΨΟ	ΨΟ
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$3,005	\$0	\$3,005
	• •					
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30	91.78%	\$230	\$0	\$230
27	May 2020	31	83,29%	\$209	\$0	\$209
28	June 2020	30	75.07%	\$188	\$0	\$188
29	July 2020	31	66.58%	\$167	\$0	\$167
30	August 2020	31	58.08%	\$145	\$0	\$145
31	September 2020	30	49.86%	\$125	\$0	\$125
32	October 2020	31	41.37%	\$104	\$0	\$104
33	November 2020	30	33.15%	\$83	\$0	\$83
34	December 2020	31	24.66%	\$62	\$0	\$62
35	January 2021	31	16.16%	\$40	\$0	\$40
36	February 2021	28	8.49%	\$21	\$0	\$21
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		\$1,374	\$0	\$1,374
20	D. C. and J.T. and Wildress December 2	* .	25	62.007	40	62.005
39	Deferred Tax Without Proration		ne 25	\$3,005	\$0	\$3,005
40	Proration Adjustment	Line 38	3 - Line 39	(\$1,632)	\$0	(\$1,632)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - PI Historian IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation		(d) = Page 2 of 10, Line				
_			13	\$64,429	\$0	\$0	\$64,429
2	Bonus Depreciation	· ·	f 10, Line 12	\$0	\$0		
3	Remaining MACRS Tax Depreciation), Line 18; Col (c) = Page (d) = Page 3 of 10, Line				
3	Remaining WACKS Tax Depreciation		(d) = Page 3 of 10, Line 18	(\$16,698)	\$0	\$0	(\$16,698)
				(\$10,070)	30	30	(\$10,070)
), Line 19; Col (c) = Page (d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements	5 of 10, Line 19; Col	(d) = Page 3 of 10, Line 19	\$0	\$0		
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4	\$47,731	\$0	\$0	\$47,731
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		5 * Line 6	\$10,023	\$0	\$0	\$10,023
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 o	f 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Li	ne 9 + Line 10	\$0	\$0		
12	Effective Tax Rate	x		21.00%	21.00%		
13	Deferred Tax Reserve	Line I	1 * Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$10,023	\$0	\$0	\$10,023
14	Total Defend Tax Reserve	Line /	+ Line 13	\$10,023	40	φ0	\$10,023
		Col (b) - Page 6 of 10), Line 19; Col (c) = Page				
15	Net Operating Loss		c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve		+ Line 15	\$10,023	\$0	\$0	\$10,023
10	The Bolding Tax reserve	Zine i	Line 15	\$10,023	40	Ψ0	\$10,023
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$47,731	\$0	\$0	\$47,731
18	Cumulative Book/Tax Timer Not Subject to Proration	Li	ne 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	7 + Line 18	\$47,731	\$0	\$0	\$47,731
), Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21 22	Allocated FY 2022 Federal NOL Not Subject to Proration Allocated FY 2022 Federal NOL Subject to Proration		ne 19) * Line 20 ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration		2 * Line 23	\$0	\$0	\$0	\$0
	Belefied Tax Beliefit subject to protation	Elile 2.	2 2 23	40	40	40	40
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$10,023	\$0	\$0	\$10,023
	• •						
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	\$767	\$0	\$0	\$767
27	May 2021	31	83.29%	\$696	\$0	\$0	\$696
28	June 2021	30	75.07%	\$627	\$0	\$0	\$627
29	July 2021	31	66.58%	\$556	\$0	\$0	\$556
30	August 2021	31	58.08%	\$485	\$0	\$0	\$485
31	September 2021	30	49.86%	\$416	\$0	\$0	\$416
32	October 2021	31	41.37%	\$346	\$0	\$0	\$346
33	November 2021	30	33.15%	\$277	\$0	\$0	\$277
34	December 2021	31	24.66%	\$206	\$0	\$0	\$206
35 36	January 2022 February 2022	31 28	16.16% 8.49%	\$135 \$71	\$0 \$0	\$0 \$0	\$135 \$71
36 37	March 2022	31	8.49% 0.00%	\$/1 \$0	\$0 \$0	\$0 \$0	\$/1 \$0
38	Total	365	0.00%	\$4,581	\$0 \$0	\$0	\$4,581
50		303		ψ.,501	\$0	\$0	ψ1,551
39	Deferred Tax Without Proration	Li	ine 25	\$10,023	\$0	\$0	\$10,023
40	Proration Adjustment		8 - Line 39	(\$5,442)	\$0	\$0	(\$5,442)
	•						

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - RTU Separation Annual Revenue Requirement Summary

Line No.			March	ear Ending 31, 2019 (a)		al Year Ending arch 31, 2020 (b)	scal Year Ending March 31, 2021 (c)		l Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:								
1	System Data Portal		S	-	\$		\$	\$	
2	Feeder Monitoring Sensors		S	_	\$	_	\$	\$	
3	RTU Separation		S		S	60,000	60,000		60,000
4	GIS Data Enhancement		S		\$	-	\$ -	\$	-
5	DSCADA & ADMS		S		\$		\$	S	
6	GIS Data Enhancement		S	_	\$	_	\$ _	S	_
7	Enterprise Service Bus		S	-	\$	-	\$ -	\$	
8	Data Lake		\$	-	\$	-	\$ -	S	-
9	PI Historian		S	-	\$	-	\$ -	\$	
10			S	-	\$	-	\$ -	s S	-
	Advanced Analytics		-	-	-	-	-		-
11	Telecommunications		\$	-	\$	-	\$ -	\$	-
12	Cybersecurity		<u>\$</u>	-	\$	-	\$ -	\$	
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	60,000	\$ 60,000	\$	60,000
	Gas Operation and Maintenance (O&M) Expenses:								
14	DSCADA & ADMS		S	_	\$	_	\$	s	
15	GIS Data Enhancement		S	_	\$	_	\$ _	S	_
16	Enterprise Service Bus		S	-	\$	-	\$ -	S	
17	Data Lake		S	-	\$	-	\$ -	s S	-
			S .	-	\$	-	\$ -		-
18	PI Historian		3	-	\$	-	-	\$	-
19	Advanced Analytics		5	-	-	-	\$ -	\$	-
20	Telecommunications		\$	-	\$	-	\$ -	\$	-
21	Cybersecurity		\$	-	\$	-	\$ -	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	•	\$	-	\$ -	\$	-
23	Total O&M Expenses	Line 13 + Line 22	\$		\$	60,000	\$ 60,000	\$	60,000
24	Electric Capital Investment:								
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$30,709	\$78,797		\$77,291
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					,	\$51,182		\$131,328
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment						,		\$10,236
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27				\$30,709	\$129,979		\$218,855
29	Gas Capital Investment:								
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0	\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32		-		\$0	\$0		\$0
34	Total Electric Revenue Requirement	Line 13 + Line 28				\$90,709	\$189,979		\$278,855
35	Total Gas Revenue Requirement	Line 22 + Line 33				\$0	\$0		\$0
							•		
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$	90,709	\$ 189,979	\$	278,855

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2020 RI Only Grid Mod - RTU Separation Electric

February	Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
RTU Sepansine 1.5 miles		Estimated Capital Investment		(a)	(6)	(C)
	1	Feeder Monitor Sensors		\$0	\$0	\$0
Depectable Not Capital Included in Rate Base Line 3 S70,000 S0 S0 S0 S0 S0 S0 S0	2	RTU Separation		\$570,000	\$0	
Total Allowed Capital Included in Race Base (numer) Line 4 °0% 30 °0 °0 °00 30 °00 °00 °00 °00 °00 °00 °00 °00 °00	3	Total Estimated Capital Investment	Line 1 + Line 2	\$570,000	\$0	\$0
Refriements						
Not Depreciable Capital Included in Rane Base Column (a) = Line 5. Column (b and c) = Prior Year Line 6 \$570,000					***	
Change in Net Capital Included in Rine Base Line 3 S\$70,000 S\$0 S\$0						
Cot of Removal	6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b and c) = Prior Year Line 6	\$570,000	\$570,000	\$570,000
Part	-		Y: 2	6570.000		***
Tax Depreciation	/	Capital included in Rate Base	Line 3	\$570,000	20	\$0
Tax Depreciation	8	Cost of Removal		\$0	\$0	\$0
Vintage Year Tax Depociation: Page 3 of 10, Line 21	9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$570,000	\$570,000	\$570,000
FY 2020 Speed		Tax Depreciation				
Cumulative Tax Depreciation	10	Vintage Year Tax Depreciation:				
Book Depreciation Coraposite Book Depreciation Rate As filed per RLP.U.C. Docket No. 4770 2.89% 2.89						
Composite Book Depreciation Rate As filed per RLP.U.C. Docket No. 4770 2.89% 2	12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11	\$21,375	\$62,523	\$100,582
Book Depreciation						
Composite Book Depreciation Rate						
Composite Book Depreciation Rate						
Solid Soli	15	Cumulative Book Depreciation	Prior Year Line 15 + Current Year Line 14	\$0	\$0	\$0
Cumulative Book Depreciation	16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%	2.09%
Deferred Tax Calculation:						
Cumulative Book / Tax Timer	18	Cumulative Book Depreciation	Prior Year Line 18 + Current Year Line 17	\$5,957	\$17,870	\$29,783
Cumulative Book / Tax Timer	19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$5,957	\$17,870	\$29,783
Effective Tax Rate						
Line 20 * Line 21 S3,238 S9,377 S14,868 23 Less: FY 2020 Federal NOL			Line 12 - Line 19			
Less: FY 2020 Federal NOL						
Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c) = Page 2 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 3 of 10, Line 40; Col (c) = Page 40; Col			Line 20 * Line 21			
Line Section	23	Less: F1 2020 Federal NOL	Col (a) = Page 8 of 10. Line 40: Col (b) = Page 9 of 10. Line 40: Col (c) = Page	3 -	-	-
Rate Base Calculation: 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 570,000 \$	24	Less: Proration Adjustment		\$ (1,758)	\$ (3,333)	\$ (2,981)
26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 570,000 \$ 570,000 \$ 570,000 27 Accumulated Depreciation - Line 19 (\$5,977) (\$17,870) (\$29,783) 28 Deferred Tax Reserve (\$1,480) (\$6,044) (\$11,887) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 562,564 \$\$54,086 \$\$528,331 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line \$ 281,282 \$\$554,325 \$\$537,209 31 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 4 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103	25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$1,480	\$6,044	\$11,887
Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line 29) Everume Requirement Calculation: Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line 29) + 2						
Deferred Tax Reserve F-Line 25 (\$1.480) (\$6.044) (\$11.887)						
Revenue Requirement Calculation: Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line 29 ÷ 2						
Revenue Requirement Calculation: Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line 30 Average Rate Base 29 + Current Year Line 39) ÷ 2 \$281,282 \$554,325 \$537,209 31 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103						
Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line 30) \$281,282 \$554,325 \$537,209 31 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103	29	Year End Rate Base	Sum of Lines 26 through 28	\$ 562,564	\$546,086	\$528,331
30 Average Rate Base 29 + Current Year Line 39) ÷ 2 \$281,282 \$554,325 \$537,209 31 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103		Revenue Requirement Calculation:				
31 Pre-Tax ROR 1 8.80% 8.80% 8.80% 32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103	20	A Bets Bees		¢201 202	6554 225	6527 200
32 Return and Taxes Line 30 * Line 31 \$24,753 \$48,781 \$47,274 33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103						
33 Book Depreciation Line 14 - Line 17 \$5,957 \$11,913 \$11,913 34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103						
34 Property Taxes Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176% \$0 \$18,103 \$18,103						
Annual Revenue Requirement Sum of Lines 32 through 34 \$30,709 \$78,797 \$77,291						
	35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$30,709	\$78,797	\$77,291

1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Schedule MAL-1-ELEC
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	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 Electric Capital Investments RI Only Grid Mod - RTU Separation Electric

Line <u>No.</u>			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 3	\$570,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$570,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$570,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$570,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 0%	0.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$570,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$570,000	\$570,000	\$570,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%	6.677%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$21,375	\$41,148	\$38,059
19	FY20 Loss incurred due to retirements	Per Tax Department	\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 8	\$0		, .
			-		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$21,375	\$41,148	\$38,059

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - RTU Separation Electric

Line No.			Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
	Estimated Capital Investment		(a)	(b)
1	Feeder Monitor Sensors		\$0	
2	RTU Separation		\$950,000	
3	Total Estimated Capital Investment	Line 1 + Line 2	\$950,000	\$0
	Depreciable Net Capital Included in Rate Base			
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$950,000	\$0
5	Retirements	Line 4 * 0%	\$0	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6	\$950,000	\$950,000
7	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 3	\$950,000	\$0
		Line 3		
8	Cost of Removal		\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$950,000	\$950,000
	Tax Depreciation			
10	Vintage Year Tax Depreciation:			
11	FY 2021 Spend	Page 5 of 10, Line 21	\$35,625	\$68,581
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11	\$35,625	\$104,206
	Book Depreciation			
13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.89%	2.89%
14	Book Depreciation	Column (a) = Line 1 * Line 13 * 50%; Column (b) = Line 1 * Line 13	\$0	\$0
15	Cumulative Book Depreciation	Prior Year Line 15 + Current Year Line 14	\$0	\$0
16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%
17	Book Depreciation	Column (a) = Line 2 * Line 16 * 50%; Column (b) = Line 2 * Line 16	\$9,928	\$19,855
18	Cumulative Book Depreciation	Prior Year Line 18 + Current Year Line 17	\$9,928	\$29,783
19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$9,928	\$29,783
	Deferred Tax Calculation:			
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$25,698	\$74,424
21	Effective Tax Rate		21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$5,396	\$15,629
23 24	Less: FY 2021 Federal NOL Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0 (\$2,930)	\$0 (\$5,555)
25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$2,467	\$10,074
				4-2,2,2
26	Rate Base Calculation:	The O	\$ 950,000	¢050,000
26 27	Cumulative Incremental Capital Included in Rate Base Accumulated Depreciation	Line 9 - Line 19	\$ 950,000 (\$9,928)	\$950,000 (\$29,783)
28	Deferred Tax Reserve	- Line 15	(\$2,467)	(\$10,074)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 937,606	\$910,144
	Revenue Requirement Calculation:			
	-	Column (a) = Current Year Line 29 ÷ 2; Column (b) = (Prior Year Line 29		
30	Average Rate Base	+ Current Year Line 29) ÷ 2	\$468,802.95	\$923,875
31	Pre-Tax ROR		1/ 8.80%	8.80%
32	Return and Taxes	Line 30 * Line 31	\$41,255	\$81,301
33	Book Depreciation	Line 14 + Line 17	\$9,928	\$19,855
34	Property Taxes	Tax Rate 3.176% MAL-7 - Columns (b) Line 9 * 3.176%	\$0	\$30,172
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$51,182	\$131,328
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket l	No. 4770, Schedule MAL-1-ELEC		
		Ratio Rate Rate	Taxes	Return
	Long Term Debt Short Term Debt	48.47% 4.69% 2.27% 0.45% 1.76% 0.01%		2.27% 0.01%
	Preferred Stock	0.45% 1.76% 0.01% 0.00%		0.00%
	Common Equity	50.97% 10.10% 5.15%	1.37%	6.52%
		100.00% 7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 Electric Capital Investments RI Only Grid Mod - RTU Separation Electric

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
110.	Capital Repairs Deduction		(u)	(6)
1	Plant Additions	Page 4 of 10, Line 3	\$950,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$950,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$950,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$950,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$950,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$950,000	\$950,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$35,625	\$68,581
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 8	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$35,625	\$68,581

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - RTU Separation Electric

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(a)
1	Feeder Monitor Sensors		\$0
2	RTU Separation		\$190,000
3	Total Estimated Capital Investment	Line 1 + Line 2	\$190,000
	Depreciable Net Capital Included in Rate Base		
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$190,000
5 6	Retirements Net Depreciable Capital Included in Rate Base	Line 4 * 0% Column (a) = Line 4 - Line 5	\$0 \$190,000
	Change in Net Capital Included in Rate Base		
7	Capital Included in Rate Base	Line 3	\$190,000
8	Cost of Removal		\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$190,000
	Tax Depreciation		, ,
10	Vintage Year Tax Depreciation:		
11	FY 2022 Spend	Page 7 of 10, Line 21	\$7.125
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 13	\$7,125
	•		,,,,
	Book Depreciation		
13 14	Composite Book Depreciation Rate Book Depreciation	As approved per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1* Line 13 * 50%	2.89% \$0
15	Cumulative Book Depreciation	Current Year Line 14	\$0 \$0
13	Cumulative Book Depreciation	Current Teat Line 14	30
16	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.09%
17	Book Depreciation	Column (a) = Line 2* Line 16 * 50%	\$1,986
18	Cumulative Book Depreciation	Current Year Line 16	\$1,986
19	Total Cumulative Book Depreciation	Line 15 + Line 18	\$1,986
	Deferred Tax Calculation:		
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$5,140
21	Effective Tax Rate		21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$1,079
23	Less: FY 2022 Federal NOL	G.1/1 D. 40 040 T. 40	\$0
24 25	Less: Proration Adjustment Net Deferred Tax Reserve	Col (a) = Page 10 of 10, Line 40 Sum of Lines 22 through 24	(\$586) \$493
23	Net Deletted Tax Reserve	Sum of Lines 22 through 24	Ψ+23
	Rate Base Calculation:		
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 190,000
27	Accumulated Depreciation	- Line 19	(\$1,986)
28	Deferred Tax Reserve	- Line 25	(\$493)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 187,521
_	Revenue Requirement Calculation:		
30	Average Rate Base	Column (a) = Current Year Line 29 ÷ 2	\$93,761
31 32	Pre-Tax ROR	Line 30 * Line 31	1/ 8.80%
33	Return and Taxes Book Depreciation	Line 30 * Line 31 Line 14 + Line 17	\$8,251 \$1,986
34	Property Taxes	Tax Rate 3.176% MAL-7	\$1,986
35	Annual Daranua Daguinament	Sum of Lines 32 through 34	\$10,236
33	Annual Revenue Requirement	5um of Lines 32 through 34	\$10,236

1/ Weighted Average	Cost of Capital as	file in RIPIIC	Docket No. 4770	Schedule MAL-1-ELEC

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 Electric Capital Investments RI Only Grid Mod - RTU Separation Electric

Line			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 3	\$190,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$190,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$190,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$190,000
9	Bonus Depreciation Rate (April 2021 - December 2021)	0%	0.00%
10	Bonus Depreciation Rate (January 2022 - Mar 2022)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$190,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$190,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$7,125
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 8	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$7,125

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - RTU Separation Electric

Line					(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration				<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 of 10,	Line 14 + Line	17	\$5,957	\$5,957
2	Bonus Depreciation		f 10, Line 12		\$0	\$0
3	Remaining MACRS Tax Depreciation		f 10, Line 18		(\$21,375)	(\$21,375)
4	FY20 tax (gain)/loss on retirements	_	f 10, Line 19		\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4		(\$15,419)	
6	Effective Tax Rate				21.00%	21.00%
7	Deferred Tax Reserve	Line :	5 * Line 6		(\$3,238)	(\$3,238)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	•	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10)	\$0	\$0
12	Effective Tax Rate	**			21.00%	21.00%
13	Deferred Tax Reserve	Line I	1 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13		(\$3,238)	(\$3,238)
15	Net Operating Loss	-	f 10, Line 23		\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15		(\$3,238)	(\$3,238)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	,) = Line 5		(\$15,419)	(\$15,419)
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		(\$15,419)	(\$15,419)	
20	Total FY 2020 Federal NOL	Page 2 of 10), Line 23 / 219	%	\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line	20	\$0	\$0
23	Effective Tax Rate		Department		21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24		(\$3,238)	(\$3,238)
		(i)	(j)			
		Number of Days in				
	Proration Calculation	<u>Month</u>	Proration P	ercentage	(k)= Sum of (1)	(1)
26	April 2019	30		91.78%	(\$248)	(\$248)
27	May 2019	31		83.29%	(\$225)	(\$225)
28	June 2019	30		75.07%	(\$203)	
29	July 2019	31		66.58%	(\$180)	
30	August 2019	31		58.08%	(\$157)	
31	September 2019	30		49.86%	(\$135)	
32	October 2019	31		41.37%	(\$112)	
33	November 2019	30		33.15%	(\$89)	
34	December 2019	31		24.66%	(\$67)	
35	January 2020	31		16.16%	(\$44)	
36	February 2020	28		8.49%	(\$23)	
37	March 2020	31		0.00%	\$0	\$0
38	Total	365			(\$1,480)	(\$1,480)
39	Deferred Tax Without Proration	L	ine 25		(\$3,238)	(\$3,238)
40	Proration Adjustment	Line 3	8 - Line 39		\$1,758	\$1,758

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - RTU Separation Electric

				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line	DA 15 G11 D			<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation	Col (b) = Page 4 of 10	, Line 14 + Line 17 ;Col			
	•), Line 14 + Line 17	\$21,841	\$9,928	\$11,913
2	Bonus Depreciation	Page 5 of	10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation	Col(b) = Page 5 of 10,	Line 18 ;Col (c) = Page 3			
5	Remaining Wilerto Tax Depresation	of 10,	Line 18	(\$76,773)	(\$35,625)	(\$41,148)
		Col(b) = Page 5 of 10,	Line 19 ;Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		Line 19	\$0	\$0	\$0
5	Cumulative Book / Tax Timer		es 1 through 4	(\$54,933)	(\$25,698)	(\$29,235)
6	Effective Tax Rate	Per Tax D		21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	(\$11,536)	(\$5,396)	(\$6,139)
	Defermed Terr Net Cold of the December					
8	Deferred Tax Not Subject to Proration Capital Repairs Deduction	D 7	f 10, Line 3	\$0	\$0	
9	Cost of Removal		10, Line 3	\$0 \$0	\$0 \$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021	rage / or	10, Line 20	\$0 \$0	\$0 \$0	
11	Cumulative Book / Tax Timer	Line 8 + Lir	ne 9 + Line 10	\$0	\$0	
12	Effective Tax Rate	Ellic o T Ell	ic) Ellic 10	21.00%	21.00%	
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0	
14	Total Deferred Tax Reserve		+ Line 13	(\$11,536)	(\$5,396)	(\$6,139)
15	Net Operating Loss		10, Line 23	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$11,536)	(\$5,396)	(\$6,139)
17	Allocation of FY 2021 Estimated Federal NOL	0.14)	T	(025 500)	(025 (00)	
17 18	Cumulative Book/Tax Timer Subject to Proration		= Line 5 ne 11	(\$25,698)	(\$25,698)	
19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		+ Line 18	\$0 (\$25,698)	\$0 (\$25,698)	
19	Total Cultulative Book Tax Timel	Lilic 17	+ Line 16	(\$23,098)	(\$25,098)	
20	Total FY 2021 Federal NOL	Col(b) = Page 4 c	of 10, Line 23 / 21%	\$0	\$0	
21	Allocated FY 2021 Federal NOL Not Subject to Proration		e 19) * Line 20	\$0	\$0	
22	Allocated FY 2021 Federal NOL Subject to Proration		e 19) * Line 20	\$0	\$0	
23	Effective Tax Rate	Per Tax D	epartment	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$11,536)	(\$5,396)	(\$6,139)
		(i)	(3)			
		**	(j)			
		Number of Days in		(k)= Sum of (l)	-	
26	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30 31	91.78%	(\$882)	(\$413)	(\$470)
27 28	May 2020 June 2020	30	83.29% 75.07%	(\$801) (\$722)	(\$375) (\$338)	(\$426) (\$384)
29	July 2020	31	66.58%	(\$640)	(\$299)	(\$341)
30	August 2020	31	58.08%	(\$558)	(\$261)	(\$297)
31	September 2020	30	49.86%	(\$479)	(\$224)	(\$255)
32	October 2020	31	41.37%	(\$398)	(\$186)	(\$212)
33	November 2020	30	33.15%	(\$319)	(\$149)	(\$170)
34	December 2020	31	24.66%	(\$237)	(\$111)	(\$126)
35	January 2021	31	16.16%	(\$155)	(\$73)	(\$83)
36	February 2021	28	8.49%	(\$82)	(\$38)	(\$43)
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		(\$5,273)	(\$2,467)	(\$2,806)
20	D.C. LT. Wild. D. C.		25	(011 52 5	(0.5.00.0	(0< 100)
39 40	Deferred Tax Without Proration		ne 25	(\$11,536)	(\$5,396)	(\$6,139)
40	Proration Adjustment	Line 38	- Line 39	\$6,263	\$2,930	\$3,333

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

d/b/a NATIONAL GRID Power Sector Transformation (PST)

Calculation of Fiscal Year 2022 Net Deferred Tax Reserve Electric Proration RI Only Grid Mod - RTU Separation Electric

(a)=Sum of (b) through (d) (b) (c) (d) Vintage Year Vintage Year Vintage Year Line Total March 31, 2022 March 31, 2021 March 31, 2020 Deferred Tax Subject to Proration No. Col (b) = Page 6 of 10, Line 14 + Line 17; Col Book Depreciation (c) = Page 4 of 10, Line 14 + Line 17; Col (d) = \$33,754 \$11.913 Page 2 of 10, Line 14 + Line 17 \$1,986 \$19,855 2 Bonus Depreciation Page 5 of 10, Line 12 \$0 \$0 Col (b) = Page 7 of 10, Line 18; Col (c) = Page Remaining MACRS Tax Depreciation 3 5 of 10, Line 18; Col (d) = Page 3 of 10, Line (\$113,765) (\$38,059) (\$7,125)(\$68,581) 18 Col (b) = Page 7 of 10, Line 19; Col (c) = Page 5 of 10, Line 19; Col (d) = Page 3 of 10, Line 4 FY22 tax (gain)/loss on retirements 19 \$0 \$0 \$0 \$0 Sum of Lines 1 through 4 (\$80,012) (\$48,726) (\$26,146) Cumulative Book / Tax Timer (\$5,140)Effective Tax Rate Per Tax Department 21.00% 21.00% 6 21.00% 21.00% Line 5 * Line 6 (\$16,802) (\$1,079) (\$10.232) Deferred Tax Reserve (\$5,491) Deferred Tax Not Subject to Proration Capital Repairs Deduction Page 7 of 10, Line 3 \$0 \$0 Page 7 of 10, Line 20 Cost of Removal \$0 \$0 10 Book/Tax Depreciation Timing Difference at 3/31/2022 \$0 \$0 11 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 \$0 \$0 12 Effective Tax Rate 21.00% 21.00% Line 11 * Line 12 13 Deferred Tax Reserve \$0 \$0 Total Deferred Tax Reserve Line 7 + Line 13 (\$1,079) (\$10,232) (\$5,491) 14 (\$16,802) Net Operating Loss Page 6 of 10. Line 23 15 \$0 \$0 Net Deferred Tax Reserve Line 14 + Line 15 (\$16,802) (\$1,079) (\$10,232) (\$5,491) 16 Allocation of FY 2022 Estimated Federal NOL 17 Cumulative Book/Tax Timer Subject to Proration Col(b) = Line 5(\$5,140) (\$5,140) 18 Cumulative Book/Tax Timer Not Subject to Proration Line 11 19 Total Cumulative Book/Tax Timer Line 17 + Line 18 (\$5,140) (\$5,140) 20 Total FY 2022 Federal NOL Col (b) = Page 6 of 10, Line 23 / 21% \$0 \$0 (Line 18 / Line 19) * Line 20 (Line 17 / Line 19) * Line 20 Allocated FY 2022 Federal NOL Not Subject to Proration 21 \$0 \$0 Allocated FY 2022 Federal NOL Subject to Proration 22 \$0 \$0 23 Effective Tax Rate Per Tax Department 21.00% 21.00% Line 22 * Line 23 Deferred Tax Benefit subject to proration 24 \$0 \$0 25 Net Deferred Tax Reserve subject to proration Line 7 + Line 24 (\$16,802) (\$1,079) (\$10,232) (\$5,491) (i) (j) Number of Days in (k)= Sum of (1)**Proration Calculation** Proration Percentage through (n) (1) Month (m) (n) April 2021 30 91.78% (\$1,285) (\$83) (\$783) (\$420) 26 27 May 2021 31 (\$710) (\$381) 83.29% (\$1,166) (\$75) June 2021 75.07% (\$1,051) (\$640) (\$343) 28 30 (\$68) 29 July 2021 31 66.58% (\$932) (\$60) (\$568) (\$305) 30 August 2021 31 58.08% (\$813) (\$52) (\$495) (\$266) 31 September 2021 30 49.86% (\$698) (\$45) (\$425) (\$228)32 October 2021 31 41 37% (\$579) (\$37)(\$353) (\$189) November 2021 33.15% (\$464) (\$30) (\$283) (\$152) 33 30 34 December 2021 31 24.66% (\$345) (\$22)(\$210) (\$113) 35 January 2022 31 16.16% (\$226) (\$15) (\$138) (\$74) 36 February 2022 28 8.49% (\$119) (\$8) (\$72) (\$39) 37 March 2022 31 0.00% \$0 \$0 \$0 \$0 (\$7,680) (\$4,677) (\$2,510) 38 (\$493) 39 Deferred Tax Without Proration Line 25 (\$16,802) (\$1,079) (\$10,232) (\$5,491)

Line 38 - Line 39

\$9,122

\$586

\$5,555

\$2,981

Column Notes:

Proration Adjustment

40

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

⁽l) through (r) = Current Year Line 25 \div 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Grid Mod RI Only - System Data Portal Annual Revenue Requirement Summary

Line			Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
No.			<u>2019</u>	<u>2020</u>	<u>2021</u>	2022
			(a)	(b)	(c)	(d)
	Operation and Maintenance (O&M) Expenses:					
1	System Data Portal		\$0	\$700,000	\$700,000	\$700,000
2	Total O&M costs	Sum of Line 1	\$0	\$700,000	\$700,000	\$700,000
3	Total Revenue Requirement		\$0	\$700,000	\$700,000	\$700,000

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod RI Only - Telecommunications Annual Revenue Requirement Summary

Line <u>No.</u>			Fiscal Year Endi March 31, 2019 (a)		Fiscal Year Ending March 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		scal Year Ending March 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:								
1	System Data Portal		s -			\$	-	\$	-
2	Feeder Monitoring Sensors		s -			\$	-	\$	-
3	RTU Separation		S -			\$	-	\$	-
4	GIS Data Enhancement		s -			\$	-	\$	-
5	DSCADA & ADMS		s -			\$	-	\$	-
6	GIS Data Enhancement		s -			\$	-	\$	-
7	Enterprise Service Bus		s -			\$	-	\$	-
8	Data Lake		s -			\$	-	\$	-
9	PI Historian		s -			\$	-	\$	-
10	Advanced Analytics		s -			\$		\$	-
11	Telecommunications		s -			\$	1,263,405		1,895,108
12	Cybersecurity		\$ -			\$		\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$. :	-	\$	1,263,405	\$	1,895,108
	Gas Operation and Maintenance (O&M) Expenses:								
14	DSCADA & ADMS		s -			\$	-	\$	-
15	GIS Data Enhancement		s -			\$	-	\$	-
16	Enterprise Service Bus		s -			\$		\$	-
17	Data Lake		s -			\$		\$	-
18	PI Historian		s -			\$		\$	-
19	Advanced Analytics		s -			\$		\$	
20	Telecommunications		s -			\$	686,595		1,029,893
21	Cybersecurity		<u>\$</u> -			\$		\$	
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$. :	-	\$	686,595	\$	1,029,893
23	Total O&M Expenses	Line 13 + Line 22	\$ -	. ;		\$	1,950,000	s	2,925,000
23	Total Ottal Expenses	2.110 13 1 2.110 22	Ψ		*	Ψ	1,520,000	Ψ.	2,720,000
24	Electric Capital Investment:								
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$21,482		\$41,000		\$37,917
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment				,		\$10,949		\$21,024
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$10,949
	· · · · · · · · · · · · · · · · · · ·								
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through 27			\$21,482		\$51,949		\$69,890
29	Gas Capital Investment:								
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$11,674		\$22,281		\$20,606
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$5,950		\$11,426
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$5,950
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through 32	-		\$11,674		\$28,232		\$37,982
34	Total Electric Revenue Requirement	Line 13 + Line 28			\$21,482		\$1,315,354		\$1,964,998
35	Total Gas Revenue Requirement	Line 22 + Line 33			\$11,674		\$714,827		\$1,067,874
36	Total Flactuie 8. Coa Baranna Barainament	Line 34 + Line 35		. 5	33,157	•	2 020 101		2 022 972
30	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		. \$	33,157	Þ	2,030,181	Þ	3,032,872

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Power Sector Transformation (PST)
Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020
RI Only Grid Mod - Telecommunications IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment			()	(7)
1	Telecommunications		\$304,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$304,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$304,000	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$304,000	\$304,000	\$304,000
	Change in Net Capital Included in Rate Base	Line 2	\$304,000	\$0	\$0
6	Capital Included in Rate Base	Line 2	\$304,000		
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$304,000	\$304,000	\$304,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$253,331	\$33,782	\$11,256
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$253,331	\$287,113	\$298,369
	Book Depreciation	A SI A DADAG DA A A ASSO	44.000	44.000	4.4.000
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$21,714	14.29% \$43,429	14.29% \$43,429
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$21,714	\$65,143	\$108,571
15	Total Cumulative Book Depreciation	Line 14	\$21,714	\$65,143	\$108,571
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$231,617	\$221,970	\$189,798
17 18	Effective Tax Rate Deferred Tax Reserve	1: 16 % 1: 17	21.00%	21.00%	21.00% \$39,857
18 19	Less: FY 2020 Federal NOL	Line 16 * Line 17	\$48,640 \$0	\$46,614 \$0	\$39,857
19	Less. F1 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	30	30	30
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$26,407)	\$1,100	\$3,668
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$22,232	\$47,714	\$43,526
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$304,000	\$304,000	\$304,000
23	Accumulated Depreciation	- Line 15	(\$21,714)	(\$65,143)	(\$108,571)
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21 Sum of Lines 22 through 24	(\$22,232) \$260.054	(\$47,714) \$191,144	(\$43,526) \$151,903
23		Sum of Lines 22 unough 24	\$200,034	\$191,144	\$131,903
	Revenue Requirement Calculation:	Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year			
26	Average Rate Base	Line 25 + Current Year Line 25) \div 2	\$130,026.84	\$225,599	\$171,523
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$11,442	\$19,853	\$15,094
29	Book Depreciation	Line 13	\$21,714	\$43,429	\$43,429
30	Annual Revenue Requirement	Line 28 + Line 29	\$33,157	\$63,281	\$58,523

1/	Weighted Average Cost of	of Capital as file in	R.I.P.U.C. Docket No	o. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments RI Only Grid Mod - Telecommunications IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction	D 2 (10 V: 2	#204.000		
1	Plant Additions	Page 2 of 10, Line 2	\$304,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$304,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$304,000	•	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$304,000	•	
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%	•	
12	Bonus Depreciation	Line 8 * Line 11	\$228,000		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$304,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$228,000		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$76,000	\$76,000	\$76,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$25,331	\$33,782	\$11,256
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$253,331	\$33,782	\$11,256
21	Total Tax Depreciation and Repairs Deduction	Juni of Lines 3, 12, 18, and 20	\$433,331	\$33,/82	-

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 RI Only Grid Mod - Telecommunications IS

Common Equity

Line No.					Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment				(a)	(6)
1	Telecommunications				\$152,000	
2	Total Estimated Capital Investment		Sum of Lines 1		\$152,000	\$0
	Depreciable Net Capital Included in Rate Base					
3	Total Allowed Capital Included in Rate Base in Current Year Retirements		Line 2 Line 4 * 0%		\$152,000 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Li	ne 4; Column (b and c) = Pr	rior Year Line 5	\$152,000	\$152,000
	Change in Net Capital Included in Rate Base					
6	Capital Included in Rate Base		Line 2		\$152,000	\$0
7	Cost of Removal				\$0	\$0
8	Total Net Plant in Service Including Cost of Removal		Line 5 + Line 7		\$152,000	\$152,000
	Tax Depreciation					
9	Vintage Year Tax Depreciation:					
10 11	FY 2021 Spend Cumulative Tax Depreciation		ige 16 of 21, Line 21 Line 11 + Current Year Line	10	\$50,662 \$50,662	\$67,564 \$118,226
11	Cumurative Tax Depreciation	rioi real i	lile 11 + Current Tear Line	10	\$30,002	\$116,220
10	Book Depreciation	4 51 1	DIDUC D. L. N. 477	70	11.200/	14.200/
12 13	Composite Book Depreciation Rate Book Depreciation		R.I.P.U.C. Docket No. 477 te 12 * 50%; Column (b) =		14.29% \$10,857	14.29% \$21,714
14	Cumulative Book Depreciation		Line 14 + Current Year Line		\$10,857	\$32,571
15	Total Cumulative Book Depreciation		Line 14		\$10,857	\$32,571
	Deferred Tax Calculation:					
16	Cumulative Book / Tax Timer		Line 11 - Line 14		\$39,805	\$85,655
17 18	Effective Tax Rate Deferred Tax Reserve		Line 16 * Line 17		21.00% \$8.359	21.00% \$17,987
19	Less: FY 2021 Federal NOL		Line 16 " Line 17		\$0,339	\$17,987
20	Less: Proration Adjustment	Col (a) = Page 9 of 10.	Line 40; Col (b) = Page 10	of 10. Line 40	(\$4,538)	(\$5,227)
21	Net Deferred Tax Reserve		of Lines 18 through 20	01 10, Emic 10	\$3,821	\$12,760
	Rate Base Calculation:					
22	Cumulative Incremental Capital Included in Rate Base		Line 8		\$152,000	\$152,000
23	Accumulated Depreciation		- Line 15		(\$10,857)	(\$32,571)
24 25	Deferred Tax Reserve Year End Rate Base	Sum	- Line 21 of Lines 22 through 24		(\$3,821) \$137,322	(\$12,760) \$106,669
						+,
	Revenue Requirement Calculation:		: 05 · 0 G l · d ›	N. W. T. 25		
26	Average Rate Base	Column (a) = Current Year I	rent Year Line $25 \div 2$; Column $(6) = (1)$	Tior Year Line 25 +	\$68,661.07	\$121,995
20	Average Rate base		Capital as file in R.I.P.U.C.	Docket No. 4770,	\$00,001.07	\$121,775
27	Pre-Tax ROR		Workpaper MAL-6		8.80%	8.80%
28	Return and Taxes		Line 26 * Line 27		\$6,042	\$10,736
29	Book Depreciation		Line 13		\$10,857	\$21,714
30	Annual Revenue Requirement		Line 28 + Line 29		\$16,899	\$32,450
30	Annual Revenue Requirement		Line 28 + Line 29		\$16,899	\$32,45
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket	No. 4770, Schedule MAL-6 Ratio	Rate	Rate	Taxes	Return
	Long Term Debt	50.00%	3.70%	1.85%		1.85%
	Short Term Debt	0.00%	0.00%	0.00%		0.00%
	Preferred Stock	0.00% 50.00%	0.00%	0.00%	1 90%	0.00%

50.00%

100.00%

10.10%

5.05%

6.90%

1.90%

6.95%

8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments RI Only Grid Mod - Telecommunications IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.	Capital Repairs Deduction		(a)	(b)
1	Capital Repairs Deduction Plant Additions	Page 4 of 10, Line 2	\$152,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction Capital Repairs Deduction	Line 1 * Line 2	\$0	
3	Capital Repails Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$152,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$152,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$152,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$152,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$152,000	\$152,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$50,662	\$67,564
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$50,662	\$67,564

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-1 Page 6 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 RI Only Grid Mod - Telecommunications IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		.,
1	Telecommunications		\$152,000
2	Total Estimated Capital Investment	Sum of Line 1	\$152,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$152,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$152,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$152,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$152,000
	Tax Depreciation		_
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$50,662
11	Cumulative Tax Depreciation	Current Year Line 10	\$50,662
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$10,857
14	Cumulative Book Depreciation	Current Year Line 13	\$10,857
15	Total Cumulative Book Depreciation	Line 14	\$10,857
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$39,805
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$8,359
19	Less: FY 2022 Federal NOL	G 1	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$4,538) \$3,821
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$152,000
23	Accumulated Depreciation	- Line 15	(\$10,857)
24	Deferred Tax Reserve	- Line 21	(\$3,821)
25	Year End Rate Base	Sum of Lines 22 through 24	\$137,322
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$68,661.07
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$6,042
29	Book Depreciation	Line 13	\$10,857
30	Annual Revenue Requirement	Line 28 + Line 29	\$16,899

1/	Weighted Average Cost of Ca	apital as file in R.I.P.U.C.	Docket No. 4770, Schedule MAL-6

	Kano	Rate	Kate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments RI Only Grid Mod - Telecommunications IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$152,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$152,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$152,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$152,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$152,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$152,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$50,662
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$50,662

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Telecommunications IS

				(a)= Column (b)	(b)
Line					Vintage Year
No.	Deferred Tax Subject to Proration			<u>Total</u>	March 31, 2020
1	Book Depreciation		10, Line 13	\$21,714	\$21,714
2	Bonus Depreciation		10, - Line 12	(\$228,000)	(\$228,000)
3	Remaining MACRS Tax Depreciation		10, - Line 18	(\$25,331)	(\$25,331)
4	FY20 tax (gain)/loss on retirements		10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer		es 1 through 4	(\$231,617)	(\$231,617)
6 7	Effective Tax Rate		Department	21.00%	21.00%
/	Deferred Tax Reserve	Line 5	* Line 6	(\$48,640)	(\$48,640)
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction	Page 3 of	f 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 of	10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + Lin	ne 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$48,640)	(\$48,640)
15	Net Operating Loss	Page 2 of	10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$48,640)	(\$48,640)
	Allocation of FY 2020 Estimated Federal NOL				
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)	= Line 5	(\$231,617)	(\$231,617)
18	Cumulative Book/Tax Timer Not Subject to Proration	` '	Line 11		\$0
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		(\$231,617)	(\$231,617)
20	Total FY 2020 Federal NOL	Page 2 of 10	Page 2 of 10, Line 19 / 21%		\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Lin	(Line 17 / Line 19) * Line 20		\$0
23	Effective Tax Rate	Per Tax 1	Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$48,640)	(\$48,640)
		(i)	(j)		
			0/		
	B 4 61 14	Number of Days in	n n	4) 6 60	40
2.5	Proration Calculation	Month	Proration Percentage	(k)= Sum of (l)	(1)
26	April 2019	30	91.78%	(\$3,720)	(\$3,720)
27	May 2019	31	83.29%	(\$3,376)	(\$3,376)
28	June 2019	30	75.07%	(\$3,043)	(\$3,043)
29 30	July 2019	31	66.58%	(\$2,698)	(\$2,698)
	August 2019	31	58.08%	(\$2,354)	(\$2,354)
31 32	September 2019 October 2019	30 31	49.86%	(\$2,021)	(\$2,021)
33	November 2019	30	41.37%	(\$1,677)	(\$1,677)
			33.15%	(\$1,344)	(\$1,344)
34 35	December 2019	31 31	24.66%	(\$999)	(\$999)
35 36	January 2020	28	16.16% 8.49%	(\$655)	(\$655) (\$344)
36 37	February 2020 March 2020	31		(\$344)	
38	March 2020 Total	365	0.00%	(\$22,232)	(\$22,232)
38	1 Otal	363		(\$22,232)	(\$22,232)
39	Deferred Tax Without Proration	Lir	ne 25	(\$48,640)	(\$48,640)
40	Proration Adjustment	Line 38	- Line 39	\$26,407	\$26,407
	*			. ,	

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration

RI Only Grid Mod - Telecommunications IS

		RI Only Grid Mod	· Telecommunications IS			
				(a)=Sum of (b) through (c)	(b) Vintage Year	(c) Vintage Year
Line No.	Deferred Tax Subject to Proration			Total	March 31, 2021	March 31, 2020
1	Book Depreciation), Line 13; Col (c) = Page 2	\$54,286	\$10,857	£42,420
2	Bonus Depreciation		of 10, Line 12	\$34,286	\$10,837	\$43,429
3	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 10), Line 18; Col (c) = Page 3			
), Line 18	(\$84,444)	(\$50,662)	(\$33,782)
4	FY21 tax (gain)/loss on retirements), Line 19; Col (c) = Page 3), Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer		nes 1 through 4	(\$30,158)	(\$39,805)	\$9,647
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6	(\$6,333)	(\$8,359)	\$2,026
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0	
9 10	Cost of Removal Book/Tax Depreciation Timing Difference at 3/31/2021	Page 5 o	of 10, Line 20	\$0 \$0	\$0 \$0	
11	Cumulative Book / Tax Timer	Line 8 + I	ine 9 + Line 10	\$0 \$0	\$0 \$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7	7 + Line 13	(\$6,333)	(\$8,359)	\$2,026
), Line 19; Col (c) = Page 2	(, ,,,,,,,	(,,,,,,,	
15	Net Operating Loss), Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	(\$6,333)	(\$8,359)	\$2,026
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration		b) = Line 5	(\$30,158)	(\$39,805)	\$9,647
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		ine 11 7 + Line 18	\$0 (\$30,158)	\$0 (\$39,805)	\$0 \$9,647
17	Total Culturative Book Lax Times	Line 1	/ + Line 10	(\$30,138)	(\$37,803)	\$7,047
), Line 19; Col (c) = Page 2			
20 21	Total FY 2021 Federal NOL Allocated FY 2021 Federal NOL Not Subject to Proration		ine 19 / 21% ine 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2021 Federal NOL Subject to Proration		ine 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate			21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line ?	7 + Line 24	(\$6,333)	(\$8,359)	\$2,026
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
26	Proration Calculation	Month 30	Proration Percentage	through (m)	(l)	(m)
26 27	April 2020 May 2020	31		(\$484) (\$440)	(\$639) (\$580)	\$155 \$141
28	June 2020	30		(\$396)	(\$523)	\$127
29	July 2020	31		(\$351)	(\$464)	\$112
30	August 2020	31		(\$307)	(\$405)	\$98
31 32	September 2020 October 2020	30 31		(\$263) (\$218)	(\$347) (\$288)	\$84 \$70
33	November 2020	30		(\$175)	(\$231)	\$56
34	December 2020	31	24.66%	(\$130)	(\$172)	\$42
35	January 2021	31		(\$85)	(\$113)	\$27
36 37	February 2021 March 2021	28 31		(\$45) \$0	(\$59) \$0	\$14 \$0
38	Total	365		(\$2,895)	(\$3,821)	\$926
39	Deferred Tax Without Proration	I	ine 25	(\$6,333)	(\$8,359)	\$2,026
40	Proration Adjustment	Line 3	88 - Line 39	\$3,438	\$4,538	(\$1,100)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration RI Only Grid Mod - Telecommunications IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation		, Line 13; Col (c) = Page (d) = Page 2 of 10, Line				
•	Book Depreciation		13	\$76,000	\$10,857	\$21,714	\$43,429
2	Bonus Depreciation		10, Line 12	\$0	\$0	Ψ21,714	ψ -
_			Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation		(d) = Page 3 of 10, Line				
	· · · · · · · · · · · · · · · · · · ·		18	(\$129,482)	(\$50,662)	(\$67,564)	(\$11,256)
		C-1 (1-) P 7 - C10	L'actor Calaba Bara	(, ,,,,,	(,,,,,,,	(, - , - ,	(, , , , ,
			, Line 19; Col (c) = Page (d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		(d) = rage 3 of 10, Line 19	\$0	\$0		
5	Cumulative Book / Tax Timer		es 1 through 4	(\$53,482)	(\$39,805)	(\$45,850)	\$32,173
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		* Line 6	(\$11,231)	(\$8,359)	(\$9,628)	\$6,756
				(, , - ,	(,,,,,,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 o	f 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 of	10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Li	ne 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$11,231)	(\$8,359)	(\$9,628)	\$6,756
			, Line 19; Col (c) = Page				
15	Net Operating Loss		c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$11,231)	(\$8,359)	(\$9,628)	\$6,756
17	Allocation of FY 2022 Estimated Federal NOL	0.14	Y	(652,492)	(\$20.005)	(\$45.050)	¢22.172
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5 ne 11	(\$53,482)	(\$39,805)	(\$45,850) \$0	\$32,173
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		+ Line 18	\$0 (\$53,482)	\$0 (\$39,805)	(\$45,850)	\$0 \$32,173
1)	Total Cumulative Book Tax Timel	Line 17	+ Line 10	(\$33,462)	(\$37,803)	(\$45,650)	φ32,173
		Col (b) - Page 6 of 10	, Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$11,231)	(\$8,359)	(\$9,628)	\$6,756
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	(\$859)	(\$639)	(\$736)	\$517
27	May 2021	31	83.29%	(\$780)	(\$580)	(\$668)	\$469
28	June 2021	30	75.07%	(\$703)	(\$523)	(\$602)	\$423
29	July 2021	31	66.58%	(\$623)	(\$464)	(\$534)	\$375
30	August 2021	31	58.08%	(\$544)	(\$405)	(\$466)	\$327
31	September 2021	30	49.86%	(\$467)	(\$347)	(\$400)	\$281
32	October 2021	31	41.37%	(\$387)	(\$288)	(\$332)	\$233
33	November 2021	30	33.15%	(\$310)	(\$231)	(\$266)	\$187
34	December 2021	31	24.66%	(\$231)	(\$172)	(\$198)	\$139
35	January 2022	31	16.16%	(\$151)	(\$113)	(\$130)	\$91
36	February 2022	28	8.49%	(\$79)	(\$59)	(\$68)	\$48
37	March 2022	31	0.00%	\$0	\$0	\$0 (\$4.401)	\$0
38	Total	365		(\$5,134)	(\$3,821)	(\$4,401)	\$3,088
39	Deferred Tax Without Proration	τ:	ne 25	(\$11,231)	(\$8.250)	(\$0,629)	\$6,756
40	Proration Adjustment		3 - Line 39	\$6,098	(\$8,359) \$4,538	(\$9,628) \$5,227	(\$3,668)
40	1 Totation Augustinent	Life 36	, LIIIC 37	\$U,U78	٥٠,٠٥٥	1 22, دو	(\$3,000)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Grid Mod Projects Annual Revenue Requirement Summary - Synergy

Line No.			Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Capex - Electric				
1	Feeder Monitoring Sensor	FY20 - Pg. 55; FY21 - Pg. 57; FY22 - Pg. 59	\$0	\$26,261	\$90,772	\$157,450
		FY20 - Pg. 77; FY21 - Pg.	40	440.700	0.1.00.050	****
2	RTU Separation Combined Capex Total	79; FY22 - Pg. 81	\$0 \$0	\$30,709 \$56,970	\$129,979 \$220,751	\$218,855 \$376,305
3	Combined Capex Total		φ0	\$30,770	\$220,731	\$370,303
		IS Capex - Electric & Gas				
		FY20 - Pg. 45; FY21 - Pg.				
4	Enterprise Service Bus	47; FY22 - Pg. 49 FY20 - Pg. 25; FY21 - Pg.	\$0	\$0	\$0	\$690,204
5	Data Lake	27; FY22 - Pg. 29	\$0	\$38,174	\$72,857	\$67,378
	DITL.	FY20 - Pg. 67; FY21 - Pg.	ΦO	#12.225	\$22.522	¢01.752
6	PI Historian	69; FY22 - Pg. 71 FY20 - Pg. 5; FY21 - Pg. 7;	\$0	\$12,325	\$23,522	\$21,753
7	Advanced Analytics	FY22 - Pg. 9	\$0	\$343,346	\$818,728	\$1,024,351
8	Telecommunications	FY20 - Pg. 88; FY21 - Pg. 90; FY22 - Pg. 92	\$0	\$13,088	\$31,650	\$42,581
		FY20 - Pg. 15; FY21 - Pg.		, 2,222	,	, ,
9	Cybersecurity	17; FY22 - Pg. 19	\$0	\$431,691	\$1,038,037	\$1,314,878
10	DSCADA	FY20 - Pg. 35; FY21 - Pg. 37; FY22 - Pg. 39	\$0	\$0	\$0	\$0
11	IS Capex Total	21,111111111111111111111111111111111111	\$0	\$838,623	\$1,984,795	\$3,161,144
		O&M - Electric & Gas				
		D 44	40	****	0.524.000	455 0.000
12 13	Enterprise Service Bus Data Lake	Pg. 44 Pg. 24	\$0 \$0	\$273,000 \$365,000	\$621,000 \$599,000	\$778,000 \$842,000
14	PI Historian	rg. 24 Pg. 66	\$0 \$0	\$13,000	\$515,000	\$515,000
15	Advanced Analytics	Pg. 4	\$0 \$0	\$108,000	\$463,000	\$523,000
16	Telecommunications	Pg. 87	\$0 \$0	\$108,000	\$656,000	\$983,000
17	Cybersecurity	rg. 87 Pg. 14	\$0 \$0	\$2,422,000	\$1,238,000	\$962,000
18		· ·	\$0 \$0			
18 19	DSCADA	Pg. 34	\$0 \$0	\$436,000	\$0	\$90,000
	Feeder Monitoring Sensor	Pg. 54		\$0	\$5,000	\$10,000
20	RTU Separation	Pg. 76	\$0	\$60,000	\$60,000	\$60,000
21	GIS Data Enhancements (BR)	Pg. 64	\$0	\$0	\$1,028,000	\$1,028,000
22	GIS Data Enhancements (IS)	Pg. 65	\$427,000	\$0	\$0	\$0
23	System Data Portal	Pg. 86	\$0	\$700,000	\$700,000	\$700,000
24	O&M Total		\$427,000	\$4,377,000	\$5,885,000	\$6,491,000
25	Total Revenue Requirement		\$427,000	\$5,272,594	\$8,090,546	\$10,028,449

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Electric Grid Mod Projects Annual Revenue Requirement Summary - Synergy

Line No.			Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Electric Capex				
1	Feeder Monitoring Sensor	Pg. 54	\$0	\$26,261	\$90,772	\$157,450
2	RTU Separation	Pg. 76	\$0	\$30,709	\$129,979	\$218,855
3	Electric Capex Total		\$0	\$56,970	\$220,751	\$376,305
		IS Capex - Electric Only				
4	Enterprise Service Bus	Pg. 44	\$0	\$0	\$0	\$447,183
5	Data Lake	Pg. 24	\$0	\$24,733	\$47,204	\$43,654
6	PI Historian	Pg. 66	\$0	\$7,985	\$15,240	\$14,094
7	Advanced Analytics	Pg. 4	\$0	\$222,454	\$530,454	\$663,677
8	Telecommunications	Pg. 87	\$0	\$8,480	\$20,506	\$27,588
9	Cybersecurity	Pg. 14	\$0	\$279,692	\$672,544	\$851,909
10	DSCADA	Pg. 34	\$0	\$0	\$0	\$0
11	Electric IS Capex Total		\$0	\$543,344	\$1,285,949	\$2,048,105
		O&M - Electric Only				
12	Enterprise Service Bus	Pg. 44	\$0	\$176,877	\$402,346	\$504,066
13	Data Lake	Pg. 24	\$0	\$236,484	\$388,092	\$545,532
14	PI Historian	Pg. 66	\$0	\$8,423	\$333,669	\$333,669
15	Advanced Analytics	Pg. 4	\$0	\$69,973	\$299,978	\$338,852
16	Telecommunications	Pg. 87	\$0	\$0	\$425,022	\$636,886
17	Cybersecurity	Pg. 14	\$0	\$1,569,214	\$802,100	\$623,280
18	DSCADA	Pg. 34	\$0	\$282,484	\$0	\$58,311
19	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$5,000	\$10,000
20	RTU Separation	Pg. 76	\$0	\$60,000	\$60,000	\$60,000
21	GIS Data Enhancements (BR)	Pg. 64	\$0	\$0	\$1,028,000	\$1,028,000
22	GIS Data Enhancements (IS)	Pg. 65	\$427,000	\$0	\$0	\$0
23	System Data Portal	Pg. 86	\$0	\$700,000	\$700,000	\$700,000
24	Electric O&M Total		\$427,000	\$3,103,454	\$4,444,207	\$4,838,595
25	Total Electric Revenue Requirement		\$427,000	\$3,703,769	\$5,950,907	\$7,263,005

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Gas Grid Mod Projects Annual Revenue Requirement Summary - Synergy

Line No.			Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
		Gas Capex				
1	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$0	\$0
2	RTU Separation	Pg. 76	\$0	\$0	\$0	\$0
3	Gas Capex Total		\$0	\$0	\$0	\$0
		IS Capex - Electric On	dy			
4	Enterprise Service Bus	Pg. 44	\$0	\$0	\$0	\$243,021
5	Data Lake	Pg. 24	\$0	\$13,441	\$25,653	\$23,724
6	PI Historian	Pg. 66	\$0	\$4,340	\$8,282	\$7,659
7	Advanced Analytics	Pg. 4	\$0	\$120,892	\$288,274	\$360,674
8	Telecommunications	Pg. 87	\$0	\$4,608	\$11,144	\$14,993
9	Cybersecurity	Pg. 14	\$0	\$151,998	\$365,493	\$462,968
10	DSCADA	Pg. 34	\$0	\$0	\$0	\$0
11	Gas IS Capex Total		\$0	\$295,279	\$698,846	\$1,113,039
		O&M - Gas Only				
12	Enterprise Service Bus	Pg. 44	\$0	\$96,123	\$218,654	\$273,934
13	Data Lake	Pg. 24	\$0	\$128,517	\$210,908	\$296,468
14	PI Historian	Pg. 66	\$0	\$4,577	\$181,332	\$181,332
15	Advanced Analytics	Pg. 4	\$0	\$38,027	\$163,022	\$184,148
16	Telecommunications	Pg. 87	\$0	\$0	\$230,978	\$346,114
17	Cybersecurity	Pg. 14	\$0	\$852,786	\$435,900	\$338,720
18	DSCADA	Pg. 34	\$0	\$153,516	\$0	\$31,689
19	Feeder Monitoring Sensor	Pg. 54	\$0	\$0	\$0	\$0
20	RTU Separation	Pg. 76	\$0	\$0	\$0	\$0
21	GIS Data Enhancements (BR)	Pg. 64	\$0	\$0	\$0	\$0
22	GIS Data Enhancements (IS)	Pg. 65	\$0	\$0	\$0	\$0
23	System Data Portal	Pg. 86	\$0	\$0	\$0	\$0
24	Gas O&M Total		\$0	\$1,273,546	\$1,440,793	\$1,652,405
25	Total Gas Revenue Requirement		\$0	\$1,568,825	\$2,139,639	\$2,765,444

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - Advanced Analytics Annual Revenue Requirement Summary

Line No.			Fiscal Year Ending March 31, 2019 (a)		Fiscal Year Ending March 31, 2020 (b)		Fiscal Year Ending March 31, 2021 (c)		Fiscal Year Ending March 31, 2022 (d)	
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		S		\$	_	\$	_	S	-
2	Feeder Monitoring Sensors		s		\$		\$		S	
3	RTU Separation		S		\$		\$		\$	
4	GIS Data Enhancement		S	_	\$	_	\$	_	S	_
5	DSCADA & ADMS		\$		S	-	\$	-	S	
6	GIS Data Enhancement		s	-	s S	-	\$	-	\$	-
7			S	-	\$	-	\$	-	5	-
	Enterprise Service Bus		\$	-	\$	-	-	-	-	-
8	Data Lake			-	-	-	\$	-	\$	-
9	PI Historian		\$	-	\$	-	\$	-	\$	-
10	Advanced Analytics		\$	-	\$	69,973	\$		\$	338,852
11	Telecommunications		\$	-	\$	-	\$	-	\$	-
12	Cybersecurity		\$	-	\$	-	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	69,973	\$	299,978	\$	338,852
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		\$		\$	-	\$	-	\$	
15	GIS Data Enhancement		S	-	\$	_	\$	_	S	
16	Enterprise Service Bus		S	_	\$	_	\$		\$	_
17	Data Lake		s		s		\$		\$	
18	PI Historian		s	_	\$	_	\$		S	
19	Advanced Analytics		s	_	S		\$	163,022	\$	184,148
20	Telecommunications		S		\$	36,027	\$		\$	104,140
20			S	-	\$	-	\$		\$	-
	Cybersecurity			-		38,027				-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	•	\$	38,027	•	163,022	э	184,148
23	Total O&M Expenses	Line 13 + Line 22	\$	_	\$	108,000	\$	463,000	\$	523,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$222,454		\$424,565		\$392,639
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					. , .		\$105,889		\$203,327
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							4-44,000		\$67,711
	, ,, ,, ,, ,									++1,11-1
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27				\$222,454		\$530,454		\$663,677
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$120,892		\$230,729		\$213,379
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$120,692		\$57,545		\$110,498
								\$37,343		
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$36,798
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-		\$120,892		\$288,274		\$360,674
34	Total Electric Revenue Requirement	Line 13 + Line 28				\$292,427		\$830,432		\$1,002,528
35	Total Cas Revenue Requirement	Line 22 + Line 33	-			\$158,919		\$451,297		\$544,822
33	Total Gas Revenue Requirement	Line 22 + Line 33		-		\$150,919		\$451,297		\$3 44 ,622
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$	451,346	\$	1,281,728	\$	1,547,351

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Advanced Analytics IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment				.,
1	Advanced Analytics		\$3,148,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$3,148,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$3,148,000 \$0	\$0 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$3,148,000	\$3,148,000	\$3,148,000
5		Column (a) = Elife 3 - Elife 4, Column (b and c) = 11101 Teat Elife 3	\$5,140,000	\$3,140,000	ψ3,140,000
6	<u>Change in Net Capital Included in Rate Base</u> Capital Included in Rate Base	Line 2	\$3,148,000	\$0	\$0
	•	2.110-2			
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$3,148,000	\$3,148,000	\$3,148,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$2,623,307	\$349,822	\$116,555
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$2,623,307	\$2,973,129	\$3,089,684
	Book Depreciation				
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$224,857	14.29% \$449,714	14.29% \$449,714
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$224,837	\$674,571	\$1,124,286
	·				
15	Total Cumulative Book Depreciation	Line 14	\$224,857	\$674,571	\$1,124,286
	Deferred Tax Calculation:		42 200 450		A. 0.55 200
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$2,398,450	\$2,298,558	\$1,965,398
17 18	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00% \$503,674	21.00% \$482,697	21.00% \$412,734
19	Less: FY 2020 Federal NOL	Line to Line 17	\$005,074	\$482,097	\$412,734
		Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$273,456)	\$11,389	\$37,985
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$230,218	\$494,086	\$450,718
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$3,148,000	\$3,148,000	\$3,148,000
23	Accumulated Depreciation	- Line 15	(\$224,857)	(\$674,571)	(\$1,124,286)
24	Deferred Tax Reserve	- Line 21	(\$230,218)	(\$494,086)	(\$450,718)
25	Year End Rate Base	Sum of Lines 22 through 24	\$2,692,925	\$1,979,342	\$1,572,996
	Revenue Requirement Calculation:				
		Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year	********	00.004.00	0.55
26	Average Rate Base	Line 25 + Current Year Line 25) ÷ 2	\$1,346,462.26	\$2,336,133	\$1,776,169
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$118,489	\$205,580	\$156,303
29	Book Depreciation	Line 13	\$224,857	\$449,714	\$449,714
30	Annual Revenue Requirement	Line 28 + Line 29	\$343,346	\$655,294	\$606,017

1/	Weighted Average Cost o	f Capital as file	in R.I.P.U.C.	Docket No.	4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - Advanced Analytics IS

Line No.	Capital Repairs Deduction Plant Additions	P. A.CO.V. A	Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
1		Page 2 of 10, Line 2	\$3,148,000		
2	Capital Repairs Deduction Rate	Per Tax Department Line 1 * Line 2	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$3,148,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$3,148,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$3,148,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$2,361,000		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$3,148,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$2,361,000		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$787,000	\$787,000	\$787,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$262,307	\$349,822	\$116,555
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$2,623,307	\$349.822	\$116,555
21	Total Tax Depreciation and Repairs Deduction	54m 51 Emes 5, 12, 16, and 26	φ2,023,307	\$347,022	\$110,555

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Advanced Analytics IS

1 2	Estimated Capital Investment		(a)	(b)
2	Advanced Analytics		\$1,470,000	
2	Total Estimated Capital Investment	Sum of Lines 1	\$1,470,000	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$1,470,000	\$0
4	Retirements	Line 4 * 0%	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$1,470,000	\$1,470,000
	Change in Net Capital Included in Rate Base			
6	Capital Included in Rate Base	Line 2	\$1,470,000	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$1,470,000	\$1,470,000
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$489,951	\$653,415
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$489,951	\$1,143,366
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line $1 * Line 12 * 50\%$; Column (b) = Line $1 * Line 12$	\$105,000	\$210,000
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$105,000	\$315,000
15	Total Cumulative Book Depreciation	Line 14	\$105,000	\$315,000
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$384,951	\$828,366
17 18	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00% \$80,840	21.00% \$173,957
19	Less: FY 2021 Federal NOL	Line 10 " Line 1/	\$60,640	\$175,957
			, ,	
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$43,890) \$36,950	(\$50,555) \$123,401
21	net Deletted Tax Reserve	Sum of Lines 18 through 20	\$30,930	\$125,401
	Rate Base Calculation:		A4 450 000	A4 450 000
22 23	Cumulative Incremental Capital Included in Rate Base Accumulated Depreciation	Line 8 - Line 15	\$1,470,000 (\$105,000)	\$1,470,000 (\$315,000)
24	Deferred Tax Reserve	- Line 21	(\$36,950)	(\$123,401)
25	Year End Rate Base	Sum of Lines 22 through 24	\$1,328,050	\$1,031,599
	Revenue Requirement Calculation:			
		$Column\ (a) = Current\ Year\ Line\ 25 \div 2;\ Column\ (b) = (Prior\ Year\ Line\ 25 + Prior\ Year\ Line\ Year\ Line$		
26	Average Rate Base	Current Year Line 25) ÷ 2	\$664,024.99	\$1,179,824
27	Pre-Tax ROR	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$58,434	\$103,825
29	Book Depreciation	Line 13	\$105,000	\$210,000
30	Annual Revenue Requirement	Line 28 + Line 29	\$163,434	\$313,825

Ratio

50.00%

0.00%

0.00%

50.00%

100.00%

Long Term Debt Short Term Debt

Preferred Stock

Common Equity

Rate

3.70% 0.00%

0.00%

10.10%

1.85%

0.00%

0.00%

6.95%

8.80%

Taxes

1.90%

1.90%

1.85%

0.00%

0.00%

5.05%

6.90%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - Advanced Analytics IS

			Fiscal Year Ending	Fiscal Year Ending
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$1,470,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$1,470,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$1,470,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$1,470,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$1,470,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$1,470,000	\$1,470,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$489,951	\$653,415
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$489,951	\$653,415
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$489,951	\$6.

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 6 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Advanced Analytics IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		
1	Advanced Analytics		\$940,000
2	Total Estimated Capital Investment	Sum of Line 1	\$940,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$940,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$940,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$940,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$940,000
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$313,302
11	Cumulative Tax Depreciation	Current Year Line 10	\$313,302
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$67,143
14	Cumulative Book Depreciation	Current Year Line 13	\$67,143
15	Total Cumulative Book Depreciation	Line 14	\$67,143
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$246,159
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$51,693
19 20	Less: FY 2022 Federal NOL	C.1. Pr. 10 C10 I . 40	\$0
21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$28,066) \$23,628
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$940,000
23	Accumulated Depreciation	- Line 15	(\$67,143)
24	Deferred Tax Reserve	- Line 21	(\$23,628)
25	Year End Rate Base	Sum of Lines 22 through 24	\$849,229
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$424,614.62
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28 29	Return and Taxes	Line 26 * Line 27 Line 13	\$37,366 \$67,143
29	Book Depreciation		\$67,143
30	Annual Revenue Requirement	Line 28 + Line 29	\$104,509

1/ Weighted Average	Cost of Capital as file in F	R.I.P.U.C. Docket No.	4770. Schedule MAL-6

	Kano	Rate	Kate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - Advanced Analytics IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$940,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$940,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$940,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$940,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$940,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$940,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$313,302
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$313,302

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Advanced Analytics IS

Line					(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration				<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13		\$224,857	\$224,857
2	Bonus Depreciation	Page 3 of	10, - Line 12		(\$2,361,000)	(\$2,361,000)
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18		(\$262,307)	(\$262,307)
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19		\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lin	nes 1 through 4	ļ	(\$2,398,450)	(\$2,398,450)
6	Effective Tax Rate	Per Tax	Department		21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6		(\$503,674)	(\$503,674)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	•	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10)	\$0	\$0
12	Effective Tax Rate				21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13		(\$503,674)	(\$503,674)
15	Net Operating Loss	-	f 10, Line 19		\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15		(\$503,674)	(\$503,674)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	,	o) = Line 5		(\$2,398,450)	(\$2,398,450)
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line I	7 + Line 18		(\$2,398,450)	(\$2,398,450)
20	Total FY 2020 Federal NOL	-), Line 19 / 21		\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line	20	\$0	\$0
23	Effective Tax Rate		Department		21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24		(\$503,674)	(\$503,674)
		(i)	(j)		
		Number of Days in				
	Proration Calculation	<u>Month</u>	Proration I		(k)= Sum of (1)	(1)
26	April 2019	30		91.78%	(\$38,523)	(\$38,523)
27	May 2019	31		83.29%	(\$34,958)	(\$34,958)
28	June 2019	30		75.07%	(\$31,508)	(\$31,508)
29	July 2019	31		66.58%	(\$27,944)	(\$27,944)
30	August 2019	31		58.08%	(\$24,379)	(\$24,379)
31	September 2019	30		49.86%	(\$20,929)	(\$20,929)
32	October 2019	31		41.37%	(\$17,364)	(\$17,364)
33	November 2019	30		33.15%	(\$13,914)	(\$13,914)
34	December 2019	31		24.66%	(\$10,349)	(\$10,349)
35	January 2020	31		16.16%	(\$6,785)	(\$6,785)
36	February 2020	28		8.49%	(\$3,565)	(\$3,565)
37	March 2020	31		0.00%	\$0	\$0
38	Total	365			(\$230,218)	(\$230,218)
39	Deferred Tax Without Proration	L	ine 25		(\$503,674)	(\$503,674)
40	Proration Adjustment		8 - Line 39		\$273,456	\$273,456
	•					

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Advanced Analytics IS

		Synergy Grid Mod -	Advanced Analytics IS			
				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line	D. 10 011 D			<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation		Line 13; Col (c) = Page 2	055451	0105.000	0440.714
	•		, Line 13	\$554,714	\$105,000	\$449,714
2	Bonus Depreciation		f 10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation		, Line 18; Col (c) = Page 3			
	1		, Line 18	(\$839,773)	(\$489,951)	(\$349,822)
			, Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		, Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer		nes 1 through 4	(\$285,059)	(\$384,951)	\$99,892
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	5 * Line 6	(\$59,862)	(\$80,840)	\$20,977
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0	
9	Cost of Removal	Page 5 o	f 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve		+ Line 13	(\$59,862)	(\$80,840)	\$20,977
			, Line 19; Col (c) = Page 2			
15	Net Operating Loss		, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	(\$59,862)	(\$80,840)	\$20,977
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col.(b) = Line 5	(\$285,059)	(\$384,951)	\$99,892
18	Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration		ine 11	(\$283,039)	(\$384,931)	\$99,892 \$0
19	Total Cumulative Book/Tax Timer		7 + Line 18	(\$285,059)	(\$384,951)	\$99,892
1)	Total Cumulative Book/Tax Times	Line 1	+ Line 10	(\$283,037)	(\$304,731)	\$77,672
		C-1/b) P 4-610	Line 10: Col.(a) Doc. 2			
20	Total FY 2021 Federal NOL		, Line 19; Col (c) = Page 2 ine 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2021 Federal NOL Subject to Proration		ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(Line 17 / Li	ne 19) " Line 20	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 20	2 * Line 23	\$0	\$0	\$0
24	Deferred Tax Benefit subject to profation	Line 2.	2 " Lille 25	20	20	\$0
25	Net Deferred Tax Reserve subject to proration	I ina 7	+ Line 24	(\$59,862)	(\$80,840)	\$20,977
23	The Deferred Tax Reserve subject to protation	Lille /	Line 24	(\$37,002)	(300,040)	φΔ0,711
		(i)	(j)			
			v			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	<u>Month</u>	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30	91.78%	(\$4,579)	(\$6,183)	\$1,604
27	May 2020	31	83.29%	(\$4,155)	(\$5,611)	\$1,456
28	June 2020	30	75.07%	(\$3,745)	(\$5,057)	\$1,312
29	July 2020	31	66.58%	(\$3,321)	(\$4,485)	\$1,164
30	August 2020	31	58.08%	(\$2,897)	(\$3,913)	\$1,015
31	September 2020	30	49.86%	(\$2,487)	(\$3,359)	\$872
32	October 2020	31	41.37%	(\$2,064)	(\$2,787)	\$723
33	November 2020	30		(\$1,654)	(\$2,233)	\$580
34	December 2020	31	24.66%	(\$1,230)	(\$1,661)	\$431
35	January 2021	31	16.16%	(\$806)	(\$1,089)	\$283
36	February 2021	28	8.49%	(\$424)	(\$572)	\$148
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		(\$27,362)	(\$36,950)	\$9,588
39	Deferred Tax Without Proration		ine 25	(\$59,862)	(\$80,840)	\$20,977
40	Proration Adjustment	Line 3	8 - Line 39	\$32,501	\$43,890	(\$11,389)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Advanced Analytics IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
	Post Promision		, Line 13; Col (c) = Page				
1	Book Depreciation	4 of 10, Line 13; Col	(d) = Page 2 of 10, Line			****	
2	P. D. Carlotte	D 7 .	13	\$726,857	\$67,143	\$210,000	\$449,714
2	Bonus Depreciation	· ·	f 10, Line 12	\$0	\$0		
2	Barrainina MACRE Tou Danna sisting), Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Col	(d) = Page 3 of 10, Line 18	(61,002,373)	(\$212.202)	(\$652.415)	(\$116.555)
				(\$1,083,272)	(\$313,302)	(\$653,415)	(\$116,555)
), Line 19; Col (c) = Page				
		5 of 10, Line 19; Col	(d) = Page 3 of 10, Line	***	**		
4	FY22 tax (gain)/loss on retirements	0 07:	19	\$0	\$0	(0.440.415)	\$333,159
5	Cumulative Book / Tax Timer Effective Tax Rate		nes 1 through 4	(\$356,415)	(\$246,159)	(\$443,415)	,
6 7	Deferred Tax Reserve		Department 5 * Line 6	21.00%	21.00%	21.00%	21.00% \$69,963
,	Defened Tax Reserve	Line .	"Line o	(\$74,847)	(\$51,693)	(\$93,117)	\$09,903
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 o	of 10, Line 3	\$0	\$0		
9	Cost of Removal		f 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022	Tuge / o	1 10, Line 20	\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + Li	ne 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$74,847)	(\$51,693)	(\$93,117)	\$69,963
		Col (b) = Page 6 of 10), Line 19; Col (c) = Page				
15	Net Operating Loss		c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	1 + Line 15	(\$74,847)	(\$51,693)	(\$93,117)	\$69,963
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$356,415)	(\$246,159)	(\$443,415)	\$333,159
18	Cumulative Book/Tax Timer Not Subject to Proration	Li	ne 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	7 + Line 18	(\$356,415)	(\$246,159)	(\$443,415)	\$333,159
		Col (b) = Page 6 of 10), Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2.	2 * Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$74,847)	(\$51,693)	(\$93,117)	\$69,963
23	Net Deferred Tax Reserve subject to profation	Line /	+ Line 24	(\$74,647)	(\$31,093)	(\$93,117)	\$09,903
		(i)	(j)				
			٥/				
		Number of Days in	n n	(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	(\$5,725)	(\$3,954)	(\$7,122)	\$5,351
27	May 2021	31	83.29%	(\$5,195)	(\$3,588)	(\$6,463)	\$4,856
28	June 2021	30	75.07%	(\$4,682)	(\$3,234)	(\$5,825)	\$4,377
29 30	July 2021 August 2021	31 31	66.58% 58.08%	(\$4,152)	(\$2,868)	(\$5,166)	\$3,882 \$3,386
31	September 2021	30	49.86%	(\$3,623) (\$3,110)	(\$2,502) (\$2,148)	(\$4,507) (\$3,869)	\$3,386 \$2,907
32	October 2021	31	41.37%	(\$2,580)	(\$1,782)	(\$3,210)	\$2,412
33	November 2021	30	33.15%	(\$2,068)	(\$1,428)	(\$2,572)	\$1,933
34	December 2021	31	24.66%	(\$1,538)	(\$1,062)	(\$1,913)	\$1,438
35	January 2022	31	16.16%	(\$1,008)	(\$696)	(\$1,254)	\$942
36	February 2022	28	8.49%	(\$530)	(\$366)	(\$659)	\$495
37	March 2022	31	0.00%	\$0	\$0	\$0	\$0
38	Total	365		(\$34,211)	(\$23,628)	(\$42,562)	\$31,979
39	Deferred Tax Without Proration	Li	ine 25	(\$74,847)	(\$51,693)	(\$93,117)	\$69,963
40	Proration Adjustment	Line 3	8 - Line 39	\$40,636	\$28,066	\$50,555	(\$37,985)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - Cybersecurity Annual Revenue Requirement Summary

Line No.			March	ear Ending 31, 2019 (a)		cal Year Ending March 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		ol Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		\$	-	\$	-	\$	-	\$	-
2	Feeder Monitoring Sensors		S	-	\$	-	\$	-	\$	-
3	RTU Separation		S	-	\$	-	\$	-	\$	-
4	GIS Data Enhancement		S	-	\$ \$	-	\$	-	\$	-
5	DSCADA & ADMS		s s	-	\$	-	\$ \$	-	\$ \$	-
6 7	GIS Data Enhancement		\$ \$	-	\$	-	\$	-	s s	-
8	Enterprise Service Bus Data Lake		\$	-	\$	-	\$	-	S .	-
9	PI Historian		S	-	\$	-	\$	-	S	-
10	Advanced Analytics		S	-	\$	-	\$	-	\$	-
11	Telecommunications		S	-	\$	-	\$	-	\$	-
12	Cybersecurity		\$	-	\$	1,569,214		802,100	\$	623,280
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$		\$	1,569,214		802,100		623,280
13	Total Execute Octor Costs	Sum of Lines 1 through 12	Ψ	-	Ψ	1,507,214	Ψ	002,100	Ψ	023,200
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		S		\$		\$		S	
15	GIS Data Enhancement		s		\$	_	\$		S	-
16	Enterprise Service Bus		s	_	\$	_	\$	_	s	-
17	Data Lake		s		\$	_	s		S	-
18	PI Historian		s	-	\$	_	\$		s	-
19	Advanced Analytics		s	_	\$	_	\$	_	s	-
20	Telecommunications		s	_	\$	_	\$	_	\$	-
21	Cybersecurity		s	-	\$	852,786	\$	435,900	\$	338,720
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	852,786	\$	435,900	\$	338,720
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$	2,422,000	\$	1,238,000	\$	962,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$279,692		\$533,808		\$493,667
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$217,072		\$138,736		\$266,400
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$130,730		\$91,843
	Estimated revenue requirement on risear rear Entang Planet 31, 2022 cupital investment									ψ,1,015
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27				\$279,692		\$672,544		\$851,909
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$151,998		\$290.097		\$268.282
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$131,556		\$75,396		\$144,774
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$75,590		\$49,912
	Estimated revenue requirement on risear rear Entang Platen 31, 2022 cupital investment									ψ1,,,,12
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-		\$151,998		\$365,493		\$462,968
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$1,848,906		\$1,474,645		\$1,475,189
35	Total Gas Revenue Requirement	Line 22 + Line 33				\$1,004,785		\$801,393		\$801,689
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35	-	-	\$	2,853,691	\$	2,276,037	\$	2,276,878
							_			

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Cybersecurity IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		(4)	(-)	(-)
1	Cybersecurity		\$3,958,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$3,958,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$3,958,000	\$0	\$0
4 5	Retirements	Line 4 * 0% Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$3,958,000	\$0 \$3,958,000	\$0 \$3,958,000
3	Net Depreciable Capital Included in Rate Base	Column (a) = Line 5 - Line 4; Column (b and c) = Prior Tear Line 5	\$3,938,000	\$3,938,000	\$3,938,000
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 2	\$3,958,000	\$0	\$0
	•	Line 2			
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$3,958,000	\$3,958,000	\$3,958,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$3,298,300	\$439,833	\$146,545
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$3,298,300	\$3,738,133	\$3,884,678
	Book Depreciation				
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$282,714	14.29% \$565,429	14.29% \$565,429
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$282,714	\$848,143	\$1,413,571
15	Total Cumulative Book Depreciation	Line 14	\$282,714	\$848,143	\$1,413,571
	Deferred Tax Calculation:		#2.04#.#D.	** ***	00.454.405
16 17	Cumulative Book / Tax Timer Effective Tax Rate	Line 11 - Line 15	\$3,015,586	\$2,889,990 21.00%	\$2,471,107
17	Deferred Tax Reserve	Line 16 * Line 17	21.00% \$633,273	\$606.898	21.00% \$518,932
19	Less: FY 2020 Federal NOL	Ellie 10 Ellie 17	\$033,273	\$000,838	\$0
		Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)		**	**
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$343,818)	\$14,320	\$47,758
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$289,455	\$621,218	\$566,691
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$3,958,000	\$3,958,000	\$3,958,000
23	Accumulated Depreciation	- Line 15	(\$282,714)	(\$848,143)	(\$1,413,571)
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21 Sum of Lines 22 through 24	(\$289,455) \$3,385,831	(\$621,218) \$2,488,640	(\$566,691) \$1,977,738
23	Teat End Rate base	Sum of Lines 22 through 24	\$3,363,631	\$2,466,040	\$1,977,738
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) ÷ 2	\$1,692,915.40	\$2,937,235	\$2,233,189
27	-	1/	0.00**	0.00**	0.000
27 28	Pre-Tax ROR Return and Taxes	Line 26 * Line 27	8.80% \$148,977	8.80% \$258,477	8.80% \$196,521
29	Book Depreciation	Line 26 Line 27 Line 13	\$282,714	\$565,429	\$565,429
30	Annual Revenue Requirement	Line 28 + Line 29	\$431,691	\$823,905	\$761,949
			7, -, -, -	+==+,-00	7

1/	Weighted Average Cost of	Capital as file in R.I.	P.U.C. Docket No. 4	770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - Cybersecurity IS

			Fiscal Year Ending	Fiscal Year Ending	Fiscal Year Ending
Line			March 31, 2020	March 31, 2021	March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 2	\$3,958,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$3,958,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$3,958,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$3,958,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$2,968,500		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$3,958,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$2,968,500		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$989,500	\$989,500	\$989,500
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$329,800	\$439,833	\$146,545
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$3,298,300	\$439,833	\$146,545

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Cybersecurity IS

No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(a)	(0)
1	Cybersecurity		\$1,926,000	
2	Total Estimated Capital Investment	Sum of Lines 1	\$1,926,000	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$1,926,000	\$0
4	Retirements	Line 4 * 0%	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$1,926,000	\$1,926,000
6	<u>Change in Net Capital Included in Rate Base</u> Capital Included in Rate Base	Line 2	\$1,926,000	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$1,926,000	\$1,926,000
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$641,936	\$856,107
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$641,936	\$1,498,043
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	\$137,571	\$275,143
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$137,571	\$412,714
15	Total Cumulative Book Depreciation	Line 14	\$137,571	\$412,714
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$504,365	\$1,085,329
17	Effective Tax Rate		21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$105,917	\$227,919
19	Less: FY 2021 Federal NOL		\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	(\$57,504)	(\$66,238)
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$48,412	\$161,681
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$1,926,000	\$1,926,000
23	Accumulated Depreciation	- Line 15	(\$137,571)	(\$412,714)
24 25	Deferred Tax Reserve	- Line 21	(\$48,412)	(\$161,681)
25	Year End Rate Base	Sum of Lines 22 through 24	\$1,740,016	\$1,351,605
	Revenue Requirement Calculation:	Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25 \div 2, Column (b) = (Phot Teal Line 25 \div Current Year Line 25) \div 2	\$870,008.24	\$1,545,811
20	Average Rate Base	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,	\$670,000.24	\$1,545,011
27	Pre-Tax ROR	Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$76,561	\$136,031
29	Book Depreciation	Line 13	\$137,571	\$275,143
30	Annual Revenue Requirement	Line 28 + Line 29		

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - Cybersecurity IS

			Fiscal Year Ending	Fiscal Year Ending
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$1,926,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$1,926,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$1,926,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$1,926,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$1,926,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$1,926,000	\$1,926,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$641,936	\$856,107
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$641,936	\$856,107

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Cybersecurity IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		
1	Cybersecurity		\$1,275,000
2	Total Estimated Capital Investment	Sum of Line 1	\$1,275,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$1,275,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$1,275,000
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$1,275,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$1,275,000
	Tax Depreciation		_
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$424,958
11	Cumulative Tax Depreciation	Current Year Line 10	\$424,958
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$91,071
14	Cumulative Book Depreciation	Current Year Line 13	\$91,071
15	Total Cumulative Book Depreciation	Line 14	\$91,071
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$333,887
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$70,116
19	Less: FY 2022 Federal NOL		\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$38,068) \$32,049
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$1,275,000
23	Accumulated Depreciation	- Line 15	(\$91,071)
24	Deferred Tax Reserve	- Line 21	(\$32,049)
25	Year End Rate Base	Sum of Lines 22 through 24	\$1,151,880
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$575,940.02
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$50,683
29	Book Depreciation	Line 13	\$91,071
30	Annual Revenue Requirement	Line 28 + Line 29	\$141,754

1/ Weighted Average	Cost of Capital as file i	n R.I.P.U.C. Docket No	. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - Cybersecurity IS

Line			Fiscal Year Ending March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$1,275,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$1,275,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$1,275,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$1,275,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$1,275,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$1,275,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$424,958
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$424,958
21	Total Tax Depreciation and Repairs Deduction	20	\$424,936

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Cybersecurity IS

					(a)= Column (b)	(b)
Line	Defended Ton Cabinet to December				T-4-1	Vintage Year
<u>No.</u> 1	Deferred Tax Subject to Proration	D 2 -	£ 10 T : 12		Total	March 31, 2020
2	Book Depreciation Bonus Depreciation	_	f 10, Line 13		\$282,714 (\$2,968,500)	\$282,714 (\$2,968,500)
3	Remaining MACRS Tax Depreciation		10, - Line 12		(\$2,908,300)	
4	FY20 tax (gain)/loss on retirements	-	10, - Line 18		(\$329,800)	(\$329,800)
5	Cumulative Book / Tax Timer	-	nes 1 through 4		(\$3,015,586)	(\$3,015,586)
6	Effective Tax Rate		Department		21.00%	21.00%
7	Deferred Tax Reserve		5 * Line 6		(\$633,273)	
,	Deferred Tax Reserve	Line	5 · Line 0		(\$033,273)	(\$033,273)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3 o	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10		\$0	\$0
12	Effective Tax Rate				21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13		(\$633,273)	
15	Net Operating Loss		f 10, Line 19		\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15		(\$633,273)	(\$633,273)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration		o) = Line 5		(\$3,015,586)	(\$3,015,586)
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1'	7 + Line 18		(\$3,015,586)	(\$3,015,586)
20	Total FY 2020 Federal NOL	•), Line 19 / 219		\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration	*	ne 19) * Line 2		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line 2	20	\$0	\$0
23	Effective Tax Rate		Department		21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24		(\$633,273)	(\$633,273)
		(i)	(j)			
		Number of Days in				
	Proration Calculation	Month	Proration Pe	ercentage	(k)= Sum of (l)	(1)
26	April 2019	30		91.78%	(\$48,435)	
27	May 2019	31		83.29%	(\$43,953)	(\$43,953)
28	June 2019	30		75.07%	(\$39,616)	
29	July 2019	31		66.58%	(\$35,134)	
30	August 2019	31		58.08%	(\$30,652)	(\$30,652)
31	September 2019	30		49.86%	(\$26,314)	(\$26,314)
32	October 2019	31		41.37%	(\$21,832)	(\$21,832)
33	November 2019	30		33.15%	(\$17,495)	(\$17,495)
34	December 2019	31		24.66%	(\$13,012)	(\$13,012)
35	January 2020	31		16.16%	(\$8,530)	
36	February 2020	28		8.49%	(\$4,482)	(\$4,482)
37	March 2020	31		0.00%	\$0	\$0
38	Total	365			(\$289,455)	(\$289,455)
39	Deferred Tax Without Proration	Ĭ.	ine 25		(\$633,273)	(\$633,273)
40	Proration Adjustment		8 - Line 39		\$343,818	\$343,818
-	•				,	,

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 9 of 10

The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Cybersecurity IS (a)=Sum of (b)

				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation		Line 13; $Col(c) = Page 2$			
	•		Line 13	\$703,000	\$137,571	\$565,429
2	Bonus Depreciation	Page 5 of	10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation	Col(b) = Page 5 of 10, 1	Line 18; Col (c) = Page 3			
3	Remaining WACKS Tax Depreciation	of 10,	Line 18	(\$1,081,769)	(\$641,936)	(\$439,833)
		Col(b) = Page 5 of 10.1	Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Line	s 1 through 4	(\$378,769)	(\$504,365)	\$125,596
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		* Line 6	(\$79,541)	(\$105,917)	\$26,375
				(+.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(+,,	4,
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5 of	10, Line 3	\$0	\$0	
9	Cost of Removal		10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021		,	\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + Lin	e 9 + Line 10	\$0	\$0	
12	Effective Tax Rate	Zane o 1 Zan	c y . Linic 10	21.00%	21.00%	
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0	
10	Belefied Talk Reserve	Zime 11	Ellie 12	40	40	
14	Total Deferred Tax Reserve	Line 7 +	- Line 13	(\$79,541)	(\$105,917)	\$26,375
			Line 19; Col (c) = Page 2	(+.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(+,,	4-0,010
15	Net Operating Loss		Line 19, Cor (c) = Fage 2	\$0	\$0	\$0
16	Net Deferred Tax Reserve		+ Line 15	(\$79,541)	(\$105,917)	\$26,375
10	Net Deterred Tax Reserve	Lille 14	+ Line 13	(\$75,541)	(\$105,917)	\$20,373
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)	= Line 5	(\$378,769)	(\$504,365)	\$125,596
18	Cumulative Book/Tax Timer Not Subject to Proration	Lin	e 11	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	(\$378,769)	(\$504,365)	\$125,596
				. , ,		
		Col (b) = Page 4 of 10	Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL		e 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration		e 19) * Line 20	\$0	\$0 \$0	\$0
22	Allocated FY 2021 Federal NOL Subject to Proration		e 19) * Line 20	\$0	\$0	\$0
23	Effective Tax Rate	(Elic 177 Elic	(1) Ellic 20	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0
24	Deferred Tax Benefit subject to profation	Line 22	· Line 23	\$0	\$ 0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	- Line 24	(\$79,541)	(\$105,917)	\$26,375
23	Net Deterred Tax Reserve subject to profution	Line / 1	- Line 24	(\$77,541)	(\$105,717)	\$20,373
		(i)	(j)			
			0/			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	<u>Month</u>	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30	91.78%	(\$6,084)	(\$8,101)	\$2,017
27	May 2020	31	83.29%	(\$5,521)	(\$7,351)	\$1,831
28	June 2020	30	75.07%	(\$4,976)	(\$6,626)	\$1,650
29	July 2020	31	66.58%	(\$4,413)	(\$5,876)	\$1,463
30	August 2020	31	58.08%	(\$3,850)	(\$5,127)	\$1,277
31	September 2020	30	49.86%	(\$3,305)	(\$4,401)	\$1,096
32	October 2020	31	41.37%	(\$2,742)	(\$3,651)	\$909
33	November 2020	30	33.15%	(\$2,197)	(\$2,926)	\$729
34	December 2020	31	24.66%	(\$1,634)	(\$2,176)	\$542
35	January 2021	31	16.16%	(\$1,071)	(\$1,427)	\$355
36	February 2021	28	8.49%	(\$563)	(\$750)	\$187
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		(\$36,357)	(\$48,412)	\$12,055
25	B 4 1 W W 1 1 B 1					
39	Deferred Tax Without Proration		e 25	(\$79,541)	(\$105,917)	\$26,375
40	Proration Adjustment	Line 38	- Line 39	\$43,185	\$57,504	(\$14,320)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Cybersecurity IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation		0, Line 13; Col (c) = Page d (d) = Page 2 of 10, Line				
			13	\$931,643	\$91,071	\$275,143	\$565,429
2	Bonus Depreciation		of 10, Line 12	\$0	\$0		
			0, Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Co	1 (d) = Page 3 of 10, Line	(01.407.610)	(0.10.1.050)	(0055105)	(0146545)
			18	(\$1,427,610)	(\$424,958)	(\$856,107)	(\$146,545)
			0, Line 19; Col (c) = Page				
		5 of 10, Line 19; Co	d (d) = Page 3 of 10, Line	**	**		
4 5	FY22 tax (gain)/loss on retirements	C CT :	19 nes 1 through 4	\$0	\$0	(\$500.054)	¢410.004
6	Cumulative Book / Tax Timer Effective Tax Rate		Department	(\$495,967) 21.00%	(\$333,887) 21.00%	(\$580,964) 21.00%	\$418,884 21.00%
7	Deferred Tax Reserve		5 * Line 6	(\$104,153)	(\$70,116)	(\$122,002)	\$87,966
,	Deletica Tax Reserve	Line	5 Ellie 6	(\$104,155)	(ψ70,110)	(\$122,002)	ψ07,700
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7	of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 o	of 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0		
	m . I D C . I m . D	**		(0104.150)	(070.116)	(#122.002)	#0 7 0 c c
14	Total Deferred Tax Reserve	Line	7 + Line 13	(\$104,153)	(\$70,116)	(\$122,002)	\$87,966
1.5	No Occasion I am		0, Line 19; Col (c) = Page	60	¢o.	60	¢o.
15 16	Net Operating Loss Net Deferred Tax Reserve		(c) = Page 2 of 10, Line 19 4 + Line 15	\$0 (\$104,153)	\$0 (\$70,116)	\$0 (\$122,002)	\$0 \$87,966
10	Net Deferred Tax Reserve	Line i	4 + Line 13	(\$104,133)	(\$70,116)	(\$122,002)	\$87,900
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$495,967)	(\$333,887)	(\$580,964)	\$418,884
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	(\$495,967)	(\$333,887)	(\$580,964)	\$418,884
		Col (b) = Page 6 of 1	0, Line 19; Col (c) = Page				
		4 of 10, Line 19; Col	(c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		/ 21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ine 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ine 19) * Line 20	\$0	\$0	\$0	\$0
23 24	Effective Tax Rate		Department 2 * Line 23	21.00% \$0	21.00% \$0	21.00%	21.00% \$0
24	Deferred Tax Benefit subject to proration	Line 2	.2 " Lille 25	\$0	\$0	\$0	20
25	Net Deferred Tax Reserve subject to proration	Line '	7 + Line 24	(\$104,153)	(\$70,116)	(\$122,002)	\$87,966
20	The Boletica Tan reserve subject to promisin	Line	. Line 21	(\$101,155)	(\$70,110)	(#122,002)	407,500
		(i)	(j)				
			•	(k)= Sum of (l)			
	Proration Calculation	Number of Days in Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30		(\$7,966)	(\$5,363)	(\$9,331)	\$6,728
27	May 2021	31		(\$7,229)	(\$4,867)	(\$8,468)	\$6,105
28	June 2021	30		(\$6,516)	(\$4,386)	(\$7,632)	\$5,503
29	July 2021	31		(\$5,778)	(\$3,890)	(\$6,769)	\$4,880
30	August 2021	31	58.08%	(\$5,041)	(\$3,394)	(\$5,905)	\$4,258
31	September 2021	30	49.86%	(\$4,328)	(\$2,914)	(\$5,070)	\$3,655
32	October 2021	31	41.37%	(\$3,591)	(\$2,417)	(\$4,206)	\$3,033
33	November 2021	30		(\$2,877)	(\$1,937)	(\$3,370)	\$2,430
34	December 2021	31		(\$2,140)	(\$1,441)	(\$2,507)	\$1,808
35	January 2022	31		(\$1,403)	(\$944)	(\$1,643)	\$1,185
36	February 2022	28		(\$737)	(\$496)	(\$863)	\$623
37	March 2022	31		(\$47,606)	(\$22,040)	(\$55.765)	\$0
38	Total	365		(\$47,006)	(\$32,049)	(\$55,765)	\$40,207
39	Deferred Tax Without Proration	ī	ine 25	(\$104,153)	(\$70,116)	(\$122,002)	\$87,966
40	Proration Adjustment		38 - Line 39	\$56,547	\$38,068	\$66,238	(\$47,758)
.0		Line .		Ψ50,547	\$50,000	400,230	(971,150)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synerg- Data Lake Annual Revenue Requirement Summary

Line No.			March	ear Ending 31, 2019 (a)		cal Year Ending March 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		al Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		\$	-	\$	-	\$	-	\$	-
2	Feeder Monitoring Sensors		\$	-	\$	-	\$	-	\$	-
3	RTU Separation		\$	-	\$	-	\$	-	\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
6	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
8	Data Lake		\$	-	\$	236,484	\$	388,092	\$	545,532
9	PI Historian		\$	-	\$	-	\$	-	\$	-
10	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
11	Telecommunications		\$	-	\$	-	\$	-	\$	-
12	Cybersecurity		\$	-	\$	-	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	236,484	\$	388,092	\$	545,532
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
15	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
16	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
17	Data Lake		\$	-	\$	128,517		210,908	\$	296,468
18	PI Historian		S S	-	\$	-	\$	-	\$	-
19	Advanced Analytics		Ψ.	-	\$	-	\$	-	\$	-
20	Telecommunications		\$	-	\$	-	\$	-	\$	-
21	Cybersecurity		\$	-	\$	- 400 545	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	э	-	э	128,517	э	210,908	3	296,468
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$	365,000	\$	599,000	\$	842,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$24,733		\$47,204		\$43,654
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27				\$24,733		\$47,204		\$43,654
20	Total Electric Capital investment Component of Revenue Requirement	Sum of Lines 25 through Line 27				\$24,733		\$47,204		343,034
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$13,441		\$25,653		\$23,724
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					Ψ13,111		\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							90		\$0
	Estimated revenue requirement on risear rear Estating Filters 31, 2022 capital investment									40
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32	-	-		\$13,441		\$25,653		\$23,724
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$261,216		\$435,296		\$589,186
35	Total Gas Revenue Requirement	Line 22 + Line 33		-		\$141,957		\$236,561		\$320,192
33	Total Gas Revenue Requirement	Line 22 + Line 33		-		φ1 -1 ,937		φ230,301		\$340,192
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$	403,174	\$	671,857	\$	909,378

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Data Lake IS

Data Lake	Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
Total Estimated Capital Included in Rate Base Line 2		Estimated Capital Investment		(-)	(=)	(-)
Total Estimated Capital Included in Rate Base Line 2	1	Data Lake		\$350,000	\$0	\$0
Total Allowed Capital Included in Rate Base in Current Year Line 2 \$350,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0		Total Estimated Capital Investment	Sum of Line 1	\$350,000	\$0	
Retirements						
See Net Depreciable Capital Included in Rate Biase Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5 \$350,000						
Change in Net Capital Included in Rate Base						
Capital Included in Rate Base	,		Column (a) = Line 3 - Line 4, Column (b and c) = 1 not feat Line 3	\$350,000	\$550,000	\$350,000
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 \$350,000 \$3	,		Time 2	¢250,000	¢o.	60
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 \$350,000 \$3	6	Capital included in Rate Base	Line 2	\$350,000	\$0	\$0
Tax Depreciation Page 3 of 10, Line 21 \$391,664 \$338,894 \$12,959	7	Cost of Removal		\$0	\$0	\$0
Vintage Year Tax Depreciation: Page 3 of 10, Line 21 \$291,664 \$38,894 \$12,295 \$10 Cumulative Tax Depreciation Prior Year Line 11 + Current Year Line 10 \$291,664 \$330,558 \$343,517 \$10 Cumulative Tax Depreciation Rate As filed per R.I.P.U.C. Docket No. 4770 \$14,29% \$14,	8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$350,000	\$350,000	\$350,000
Pige 3 of 10, Line 21 S291,664 \$38,894 \$12,959		Tax Depreciation				
Cumulative Tax Depreciation	9	Vintage Year Tax Depreciation:				
Book Depreciation As filed per R.I.P.U.C. Docket No. 4770 14.29% 14	10	FY 2020 Spend	Page 3 of 10, Line 21	\$291,664	\$38,894	\$12,959
12 Composite Book Depreciation Rate As filed per RLP.U.C. Docket No. 4770 14.29% 14.29% 14.29% 14.29% 14.29% 50.000 50	11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$291,664	\$330,558	\$343,517
Solid Soli		Book Depreciation				
Communitative Book Depreciation						
Total Cumulative Book Depreciation		*				
Deferred Tax Calculation: Cumulative Book / Tax Timer	14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$25,000	\$75,000	\$125,000
Communative Book / Tax Timer	15	Total Cumulative Book Depreciation	Line 14	\$25,000	\$75,000	\$125,000
Effective Tax Rate						
Line 16 * Line 17 S55,999 S53,667 S45,889 Less: FY 2020 Federal NOL			Line 11 - Line 15			
19 Less: FY 2020 Federal NOL						
Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			Line 16 * Line 17			
20 Less: Proration Adjustment = Page 10 of 10, Line 40 \$30,403 \$1,266 \$4,223 \$1 Net Deferred Tax Reserve Sum of Lines 18 through 20 \$25,596 \$54,933 \$50,112 \$1 Net Deferred Tax Reserve Sum of Lines 18 through 20 \$25,596 \$54,933 \$50,112 \$1 Net Deferred Tax Reserve Sum of Line 15 \$350,000	19	Less: FY 2020 Federal NOL	C-1(-) P 9 -f 10 1 in- 40: C-1(h) P 0 -f 10 1 in- 40: C-1(-)	20	\$0	\$0
Net Deferred Tax Reserve Sum of Lines 18 through 20 \$25,596 \$54,933 \$50,112	20	Lace: Proration Adjustment		(\$30.403)	\$1.266	\$4.223
Cumulative Incremental Capital Included in Rate Base						
Cumulative Incremental Capital Included in Rate Base		D. D. GLIG	-			
Accumulated Depreciation	22		I in a O	\$250,000	6250,000	\$250,000
Deferred Tax Reserve Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 + 2; Co						,
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 ÷ 2						
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$149,701.95 \$259,735 \$197,477 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 28 Return and Taxes \$13,174 \$22,857 \$17,378 29 Book Depreciation Line 13 \$25,000 \$50,000 \$50,000						
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$149,701.95 \$259,735 \$197,477 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 28 Return and Taxes \$13,174 \$22,857 \$17,378 29 Book Depreciation Line 13 \$25,000 \$50,000 \$50,000		Payanya Paguirament Calculation				
26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$149,701.95 \$259,735 \$197,477 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 28 Return and Taxes \$13,174 \$22,857 \$17,378 29 Book Depreciation Line 13 \$25,000 \$50,000 \$50,000		Revenue Requirement Calculation.	Column (a) - Current Veer Line 25 : 2: Column (h and c) - (Prior Veer			
27 Pre-Tax ROR 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$13,174 \$22,857 \$17,378 29 Book Depreciation Line 13 \$25,000 \$50,000 \$50,000	26	Average Rate Base		\$149,701.95	\$259,735	\$197,477
28 Return and Taxes Line 26 * Line 27 \$13,174 \$22,857 \$17,378 29 Book Depreciation Line 13 \$25,000 \$50,000 \$50,000	27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
			Line 26 * Line 27			
30 Annual Revenue Requirement Line 28 + Line 29 \$38,174 \$72,857 \$67,378	29	Book Depreciation	Line 13	\$25,000	\$50,000	\$50,000
	30	Annual Revenue Requirement	Line 28 + Line 29	\$38,174	\$72,857	\$67,378

1/	Weighted Average Cost of	f Capital as file in	R.I.P.U.C. Doc	ket No. 4770,	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - Data Lake IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction			. ,	
1	Plant Additions	Page 2 of 10, Line 2	\$350,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$350,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$350,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$350,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$262,500		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$350,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$262,500		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$87,500	\$87,500	\$87,500
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$29,164	\$38,894	\$12,959
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
			-		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$291,664	\$38,894	\$12,959

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Data Lake IS

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(4)	(0)
1	Data Lake		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0	\$0
4 5	Retirements Net Depreciable Capital Included in Rate Base	Line 4 * 0% Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$0	\$0 \$0
3	• •	Column (a) – Line 3 - Line 4, Column (b and c) – Frior Tear Line 3	30	\$ 0
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
			·	<u> </u>
9	Tax Depreciation Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line $1 * Line 12 * 50\%$; Column (b) = Line $1 * Line 12$	\$0	\$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17 18	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00%	21.00% \$0
19	Less: FY 2021 Federal NOL	Line 10 · Line 17	\$0	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0 \$0	\$0 \$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20		30
22	Rate Base Calculation:	Line 8	\$0	C O
22 23	Cumulative Incremental Capital Included in Rate Base Accumulated Depreciation	Line 8 - Line 15	\$0 \$0	\$0 \$0
24	Deferred Tax Reserve	- Line 13	\$0	\$0 \$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0
	Revenue Requirement Calculation:			
		Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25) ÷ 2	\$0.00	\$0
	D. W. DOD	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,		0
27	Pre-Tax ROR Return and Taxes	Workpaper MAL-6 Line 26 * Line 27	8.80% \$0	8.80% \$0
28 29	Book Depreciation	Line 26 * Line 27 Line 13	\$0 \$0	\$0 \$0
2)		Elife 13		
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0

1/	Weighted Average Cost of Capital as	s file in R.I.P.U.C	. Docket No. 4770	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - Data Lake IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Data Lake IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		.,
1	Data Lake		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
3	Depreciable Net Capital Included in Rate Base	Line 2	\$0
4	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
3	Net Depreciable Capital included in Rate Base	Column (a) – Line 3 - Line 4	30
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19	Less: FY 2022 Federal NOL		\$0
20	Less: Proration Adjustment	Col = Page 10 of 10, Line 40	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/	Weighted Average Cost of C	apital as file in R.I.P.U.C.	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - Data Lake IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Data Lake IS

Line					(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration				Total	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13		\$25,000	\$25,000
2	Bonus Depreciation		10, - Line 12		(\$262,500)	(\$262,500)
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18		(\$29,164)	(\$29,164)
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19		\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4		(\$266,664)	(\$266,664)
6	Effective Tax Rate	Per Tax	Department		21.00%	21.00%
7	Deferred Tax Reserve	Line :	5 * Line 6		(\$55,999)	(\$55,999)
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3 o	of 10, Line 3		\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20		\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020				\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10		\$0	\$0
12	Effective Tax Rate				21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12		\$0	\$0
14	Total Deferred Tax Reserve	Line 7	+ Line 13		(\$55,999)	(\$55,999)
15	Net Operating Loss	Page 2 o	f 10, Line 19		\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15		(\$55,999)	(\$55,999)
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5		(\$266,664)	(\$266,664)
18	Cumulative Book/Tax Timer Not Subject to Proration	Ĺ	ine 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18		(\$266,664)	(\$266,664)
20	Total FY 2020 Federal NOL	Page 2 of 10), Line 19 / 21%		\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line 20		\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line 20		\$0	\$0
23	Effective Tax Rate		Department		21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23		\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24		(\$55,999)	(\$55,999)
		(i)	(j)			
		Number of Days in				
	Proration Calculation	Month	Proration Percen	tage	(k)= Sum of (1)	(1)
26	April 2019	30	9	1.78%	(\$4,283)	(\$4,283)
27	May 2019	31	8	3.29%	(\$3,887)	(\$3,887)
28	June 2019	30	7	5.07%	(\$3,503)	(\$3,503)
29	July 2019	31	6	6.58%	(\$3,107)	(\$3,107)
30	August 2019	31	5	8.08%	(\$2,710)	(\$2,710)
31	September 2019	30	4	9.86%	(\$2,327)	(\$2,327)
32	October 2019	31	4	1.37%	(\$1,931)	(\$1,931)
33	November 2019	30	3	3.15%	(\$1,547)	(\$1,547)
34	December 2019	31	2	4.66%	(\$1,151)	(\$1,151)
35	January 2020	31	1	6.16%	(\$754)	(\$754)
36	February 2020	28		8.49%	(\$396)	(\$396)
37	March 2020	31		0.00%	\$0	\$0
38	Total	365			(\$25,596)	(\$25,596)
39	Deferred Tax Without Proration	L	ine 25		(\$55,999)	(\$55,999)
40	Proration Adjustment	Line 3	8 - Line 39		\$30,403	\$30,403

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Data Lake IS

		Synergy Grid	viou - Data Lake 15				
				(a)=Sum of (b) through (c)	(b) Vintage Year	(c) Vintage Year	
Line	D.C. IT. G.I. (4 D			<u>Total</u>	March 31, 2021	March 31, 2020	
No.	Deferred Tax Subject to Proration	Col (b) = Page 4 of 16), Line 13; Col (c) = Page 2				
1	Book Depreciation		0, Line 13, Cor (c) = Fage 2	\$50,000	\$0	\$50,000	
2	Bonus Depreciation		of 10, Line 12	\$0	\$0	,,	
3	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 10), Line 18; Col (c) = Page 3				
3	Remaining WACKS Tax Depreciation	of 1	0, Line 18	(\$38,894)	\$0	(\$38,894)	
), Line 19; Col (c) = Page 3				
4	FY21 tax (gain)/loss on retirements		0, Line 19	\$0	\$0		
5 6	Cumulative Book / Tax Timer		nes 1 through 4	\$11,106 21.00%	\$0 21.00%	\$11,106 21.00%	
7	Effective Tax Rate Deferred Tax Reserve		Department 5 * Line 6	\$2,332	21.00% \$0	\$2,332	
,	Deletied Tax Reserve	Line	3 · Line 0	\$2,332	30	\$2,332	
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 5	of 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2021	** * *	in . 0 . I in . 10	\$0	\$0		
11 12	Cumulative Book / Tax Timer Effective Tax Rate	Line 8 + I	Line 9 + Line 10	\$0 21.00%	\$0 21.00%		
13	Deferred Tax Reserve	I ine 1	1 * Line 12	21.00% \$0	21.00% \$0		
13	Deterred Tax Reserve	Line 1	1 Line 12	\$0	ΨΟ		
14	Total Deferred Tax Reserve	Line '	7 + Line 13	\$2,332	\$0	\$2,332	
), Line 19; Col (c) = Page 2				
15	Net Operating Loss		0, Line 19	\$0	\$0	\$0	
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	\$2,332	\$0	\$2,332	
	Allocation of FY 2021 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$11,106	\$0	\$11,106	
18	Cumulative Book/Tax Timer Not Subject to Proration		Line 11	\$0	\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$11,106	\$0	\$11,106	
		Col (b) = Page 4 of 10), Line 19; Col (c) = Page 2				
20	Total FY 2021 Federal NOL		ine 19 / 21%	\$0	\$0	\$0	
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ine 19) * Line 20	\$0	\$0	\$0	
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / L	ine 19) * Line 20	\$0	\$0 21.00%	\$0 21.00%	
23 24	Effective Tax Rate Deferred Tax Benefit subject to proration	Line 3	2 * Line 23	21.00% \$0	21.00% \$0	\$0 \$0	
25	Net Deferred Tax Reserve subject to proration	Line	7 + Line 24	\$2,332	\$0	\$2,332	
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)	
26	April 2020	30		\$178	\$0	\$178	
27	May 2020	31		\$162	\$0	\$162	
28 29	June 2020 July 2020	30 31		\$146 \$129	\$0 \$0	\$146 \$129	
30	August 2020	31		\$129 \$113	\$0 \$0	\$129 \$113	
31	September 2020	30		\$97	\$0 \$0	\$97	
32	October 2020	31		\$80	\$0	\$80	
33	November 2020	30		\$64	\$0	\$64	
34	December 2020	31		\$48	\$0	\$48	
35	January 2021	31		\$31	\$0	\$31	
36	February 2021	28		\$17	\$0	\$17	
37 38	March 2021 Total	31 365		\$0 \$1,066	\$0 \$0	\$0 \$1,066	
39	Deferred Tax Without Proration		ine 25	\$2,332	\$0	\$2,332	
40	Proration Adjustment	Line 3	38 - Line 39	(\$1,266)	\$0	(\$1,266)	

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Data Lake IS

		Synergy Grid	viou - Data Lake 15				
				(a)=Sum of (b) through (d)	(b)	(c)	(d)
				tillough (u)	Vintage Year	Vintage Year	Vintage Year
Line				Total	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Peak Damanistica		Line 13; Col (c) = Page				
1	Book Depreciation		(d) = Page 2 of 10, Line 13	\$50,000	\$0	\$0	\$50,000
2	Bonus Depreciation		10, Line 12	\$0	\$0	40	\$50,000
	•		, Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Col	(d) = Page 3 of 10, Line				
			18	(\$12,959)	\$0	\$0	(\$12,959)
			, Line 19; Col (c) = Page				
	FY22		(d) = Page 3 of 10, Line	60	¢o.		
4 5	FY22 tax (gain)/loss on retirements Cumulative Book / Tax Timer		19 es 1 through 4	\$0 \$37.041	\$0 \$0	\$0	\$37,041
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		* Line 6	\$7,779	\$0	\$0	\$7,779
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		f 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 of	10, Line 20	\$0	\$0		
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	Time 0 : Ti	ne 9 + Line 10	\$0 \$0	\$0 \$0		
12	Effective Tax Rate	Line o + Li	ne 9 + Line 10	21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$7,779	\$0	\$0	\$7,779
			, Line 19; Col (c) = Page				
15	Net Operating Loss		c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	\$7,779	\$0	\$0	\$7,779
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)) = Line 5	\$37,041	\$0	\$0	\$37,041
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11	\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	\$37,041	\$0	\$0	\$37,041
			, Line 19; Col (c) = Page				
20	T . 1 FW 2022 F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		c) = Page 2 of 10, Line 19		0.0	0.0	40
20 21	Total FY 2022 Federal NOL Allocated FY 2022 Federal NOL Not Subject to Proration		21% ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ne 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration		* Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$7,779	\$0	\$0	\$7,779
		(i)	(2)				
			(j)				
		Number of Days in		(k)= Sum of (l)			
2.5	Proration Calculation	<u>Month</u>	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	\$595	\$0	\$0	\$595
27 28	May 2021 June 2021	31 30	83.29% 75.07%	\$540 \$487	\$0 \$0	\$0 \$0	\$540 \$487
29	July 2021	31	66.58%	\$432	\$0	\$0	\$432
30	August 2021	31	58.08%	\$376	\$0	\$0	\$376
31	September 2021	30	49.86%	\$323	\$0	\$0	\$323
32	October 2021	31	41.37%	\$268	\$0	\$0	\$268
33	November 2021	30	33.15%	\$215	\$0	\$0	\$215
34	December 2021	31	24.66%	\$160	\$0	\$0	\$160
35	January 2022	31	16.16%	\$105	\$0	\$0	\$105
36	February 2022	28	8.49%	\$55	\$0	\$0	\$55
37 38	March 2022 Total	31 365	0.00%	\$0 \$3,555	\$0 \$0	\$0 \$0	\$0 \$3,555
20	1 Otal	303		قدد,ده	20	20	\$3,333
39	Deferred Tax Without Proration	Liı	ne 25	\$7,779	\$0	\$0	\$7,779
40	Proration Adjustment		3 - Line 39	(\$4,223)	\$0	\$0	(\$4,223)
	•						

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 1 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - DSCADA & ADMS Annual Revenue Requirement Summary

Line No.			Fiscal Yea March (al Year Ending earch 31, 2020 (b)	Fiscal Year Endir March 31, 2021 (c)			Year Ending th 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		\$	-	\$	-	\$		\$	-
2	Feeder Monitoring Sensors		\$	-	\$	-	\$		\$	-
3	RTU Separation		\$	-	\$	-	\$		\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$		\$	-
5	DSCADA & ADMS		s s	-	\$ \$	282,484	\$ \$		\$ \$	58,311
6 7	GIS Data Enhancement		\$ \$	-	\$ \$	-	\$		S	-
8	Enterprise Service Bus Data Lake		S	-	\$	-	\$		S	-
9	PI Historian		S	-	\$	-	\$		S	-
10	Advanced Analytics		\$ \$	-	\$	-	\$		S	-
11	Telecommunications		S	-	\$	-	\$		S	-
12	Cybersecurity		\$	-	\$	-	\$		S	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$		\$	282,484			\$	58,311
13	Total Execute Octor Costs	Sum of Lines 1 through 12	Ψ	-	Ψ	202,404	Ψ		Ψ	50,511
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		S		\$	153,516	\$		s	31,689
15	GIS Data Enhancement		S		\$	155,510	\$		S	51,005
16	Enterprise Service Bus		S		\$	_	\$		S	_
17	Data Lake		S		\$	_	\$		S	_
18	PI Historian		S		\$	-	\$		S	_
19	Advanced Analytics		S		\$	-	\$		s	_
20	Telecommunications		S		\$	-	\$		\$	_
21	Cybersecurity		S	-	\$	-	\$		\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	153,516	\$	-	\$	31,689
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$	436,000	\$	_	\$	90,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0		\$0		\$0
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27		\$0		\$0		\$0		\$0
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0		\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		\$0		\$0		\$0		\$0
34	Total Electric Revenue Requirement	Line 13 + Line 28		\$0		\$282,484		\$0		\$58,311
35	Total Gas Revenue Requirement	Line 22 + Line 33		\$0		\$153,516		\$0		\$31,689
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35	\$	-	s	436,000	\$		\$	90,000
50	Total Exercise & Gas Revenue Requirement	Line 54 + Line 55	Ψ		Ψ	430,000	Ψ	_	Ψ	70,000

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - DSCADA & ADMS IS

DCADA & ADMS	Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)	
Total Estimated Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Line 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0		Estimated Capital Investment		(-)	(=)	(-)	
Total Estimated Capital Included in Rate Base Supericial Processible Net Capital Included in Rate Base Supericial Rate Capital Included in Rate Base in Current Year Line 2 Supericial Rate Capital Included in Rate Base Column (a) = Line 3 - Line 4 *0% Supericial Rate Capital Included in Rate Base Column (a) = Line 3 - Line 4 *0% Supericial Rate Capital Included in Rate Base Column (a) = Line 3 - Line 4 *0% Supericial Rate Capital Included in Rate Base Column (a) = Line 3 - Line 4 *0% Supericial Rate Capital Included in Rate Base Supericial Rate Capital Included in Rate Base Line 2 Supericial Rate Capital Included in Rate Base Supericial Rate Capital Rate Rate Supericial Rate Supericial Rate Capital Rate Rate Supericial Rate Capital Rate Rate Supericial	1	DCADA & ADMS		\$0	\$0	\$0	
Total Allowed Capital Included in Rate Base in Current Year Line 2 Sig	2	Total Estimated Capital Investment	Sum of Line 1	\$0	\$0	\$0	
Retirements Line 4 *** 0%							
Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5							
Change in Net Capital Included in Rate Base Line 2 S0 \$0 \$0 \$0 \$0 \$0 \$0 \$0							
Capital Included in Rate Base		·	Column (a) = Elife 3 Elife 1, Column (c and c) = 1116. Fedi Elife 3	40	40		
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 S0 S0 S0 S0	6		Line 2	\$0	\$0	\$0	
Tax Depreciation Substitution Page 3 of 10, Line 21 S0 S0 S0 S0	7	Cost of Removal		\$0	\$0	\$0	
Tax Depreciation Substitution Page 3 of 10, Line 21 S0 S0 S0 S0	8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$0	\$0	\$0	
Vintage Year Tax Depreciation: Page 3 of 10, Line 21 S0 S0 S0 S0 S0 S0 S0 S							
Page 3 of 10, Line 21							
Cumulative Tax Depreciation			P. 2 510 I. 21	60	¢o.		
Book Depreciation							
14.29% 1	11	Cumulative Tax Depreciation	Thor real Ellie II + Current Teat Ellie To	30	φ0	30	
Book Depreciation Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line SO SO SO SO							
Cumulative Book Depreciation							
Total Cumulative Book Depreciation							
Deferred Tax Calculation:	14	Cumulative Book Depreciation	11101 Teal Ellie 14 + Cuttent Teal Ellie 15	30	φ0	30	
Columbative Book / Tax Timer	15	Total Cumulative Book Depreciation	Line 14	\$0	\$0	\$0	
Fifective Tax Rate		Deferred Tax Calculation:					
Deferred Tax Reserve			Line 11 - Line 15				
19 Less: FY 2020 Federal NOL							
Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			Line 16 * Line 17				
Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2	19	Less: F1 2020 Federal NOL	C-1(-) Pr 8 -f 10 Line 40: C-1(b) Pr 0 -f 10 Line 40: C-1(c)	20	50	20	
Rate Base Calculation: Sum of Lines 18 through 20 \$0 \$0 \$0 22 Cumulative Incremental Capital Included in Rate Base Line 8 \$0 \$0 \$0 23 Accumulated Depreciation - Line 15 \$0 \$0 \$0 24 Deferred Tax Reserve - Line 21 \$0 \$0 \$0 25 Year End Rate Base Sum of Lines 22 through 24 \$0 \$0 \$0 8evenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR Line 26 * Line 27 \$0 \$0 \$0 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	20	Less: Proration Adjustment		\$0	\$0	\$0	
Cumulative Incremental Capital Included in Rate Base							
Accumulated Depreciation -Line 15 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		Rate Base Calculation:					
Deferred Tax Reserve Sum of Line 21 Sum of Line 22 through 24 Sum of Line 22 through 24 Sum of Line 22 through 24 Sum of Line 25 + Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Sum of Line 25 + Current Year Line 25) ÷ 2 Sum of Line 25 + Current Year Line 25) ÷ 2 Sum of Line 25 + Current Year Line 25) ÷ 2 Sum of Line 26 * Line 26 * Line 27 Sum of Line 27 Sum of Line 28 * L		Cumulative Incremental Capital Included in Rate Base	Line 8				
Sum of Lines 22 through 24 \$0 \$0 \$0 \$0 Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0							
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) ÷ 2 \$0.00 <th colspa<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/2 8.80% 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0	\$0	
26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0		Revenue Requirement Calculation:					
27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0				40.00			
27 Pre-Tax ROR 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	26	Average Rate Base	Line 25 + Current Year Line 25) ÷ 2	\$0.00	\$0	\$0	
29 Book Depreciation Line 13 \$0 \$0 \$0	27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%	
30 Annual Revenue Requirement Line 28 + Line 29 \$0 \$0 \$0	29	Book Depreciation	Line 13	\$0	\$0	\$0	
	30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0	\$0	

1/	Weighted Average Cost of	Capital as file in R.I.	P.U.C. Docket No. 4	770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - DSCADA & ADMS IS

Line			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
No.			(a)	(b)	(c)
	Capital Repairs Deduction		` '		
1	Plant Additions	Page 2 of 10, Line 2	\$0		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$0		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$0		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0	\$0
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Panaire Deduction	Sum of Lines 3, 12, 18, and 20	\$0	\$0	0.2
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20		\$0	\$0

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 4 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - DSCADA & ADMS IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(a)	(0)
1	DSCADA & ADMS		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3 4	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0	\$0
5	Net Depreciable Capital Included in Rate Base	Line 4 * 0% Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$0	\$0 \$0
3	Net Depreciable Capital included in Rate Base	Column (a) – Line 3 - Line 4, Column (b and c) – Frior Tear Line 3	φυ	30
	Change in Net Capital Included in Rate Base			
6	Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	\$0	\$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17	Effective Tax Rate		21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0	\$0
19	Less: FY 2021 Federal NOL		\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0
24	Deferred Tax Reserve	- Line 21	\$0	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0
	Revenue Requirement Calculation:			
		$Column\ (a) = Current\ Year\ Line\ 25 \div 2; Column\ (b) = (Prior\ Year\ Line\ 25 + Prior\ Year\ Line\ Year\ Line\$		
26	Average Rate Base	Current Year Line 25) ÷ 2	\$0.00	\$0
	D. W. DOD	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,	0.55	0.05
27 28	Pre-Tax ROR Return and Taxes	Workpaper MAL-6 Line 26 * Line 27	8.80% \$0	8.80% \$0
28 29	Book Depreciation	Line 26 * Line 27 Line 13	\$0 \$0	\$0 \$0
2)	200x Depresation	Line 13		
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0

1/	Weighted Average	Cost of Capital as f	file in R.I.P.U.C	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - DSCADA & ADMS IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - DSCADA & ADMS IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		
1	DCADA & ADMS		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19	Less: FY 2022 Federal NOL	0 1 D 10 C10 T: 10	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0 \$0
21	Net Beleffed Tax Reserve	Sum of Lines 16 unough 20	40
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Docket	No. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - DSCADA & ADMS IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - DSCADA & ADMS IS

Line				(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration			Total	March 31, 2020
1	Book Depreciation	Page 2 o	f 10, Line 13	\$0	\$0
2	Bonus Depreciation		10, - Line 12	\$0	\$0
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18	\$0	\$0
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4	\$0	\$0
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
7	Deferred Tax Reserve	Line :	5 * Line 6	\$0	\$0
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction	Page 3 o	of 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0
15	Net Operating Loss	Page 2 o	f 10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	\$0	\$0
	Allocation of FY 2020 Estimated Federal NOL				
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$0	\$0
18	Cumulative Book/Tax Timer Not Subject to Proration	L	ine 11	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$0	\$0
20	Total FY 2020 Federal NOL	Page 2 of 10), Line 19 / 21%	\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Li	ne 19) * Line 20	\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Li	ne 19) * Line 20	\$0	\$0
23	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0
		(i)	(j)		
		Number of Days in			
	Proration Calculation	<u>Month</u>	Proration Percentage	(k)= Sum of (1)	(1)
26	April 2019	30		\$0	\$0
27	May 2019	31	83.29%	\$0	\$0
28	June 2019	30	75.07%	\$0	\$0
29	July 2019	31		\$0	\$0
30	August 2019	31		\$0	\$0
31	September 2019	30		\$0	\$0
32	October 2019	31		\$0	\$0
33	November 2019	30		\$0	\$0
34	December 2019	31		\$0	\$0
35	January 2020	31		\$0	\$0
36	February 2020	28		\$0	\$0
37	March 2020	31		\$0	\$0
38	Total	365		\$0	\$0
39	Deferred Tax Without Proration	L	ine 25	\$0	\$0
40	Proration Adjustment		8 - Line 39	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration

Synergy Grid Mod - DSCADA & ADMS IS

(a)=Sum of (b)

				(a)=Sum of (b) through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration	G 1 (1) D 1 (1)				
1	Book Depreciation		Line 13; Col (c) = Page 2 Line 13	\$0	\$0	\$0
2	Bonus Depreciation		f 10, Line 12	\$0 \$0	\$0 \$0	30
	*		Line 18; Col (c) = Page 3	ΨΟ	ΨΟ	
3	Remaining MACRS Tax Depreciation		, Line 18	\$0	\$0	\$0
		Col (b) = Page 5 of 10	Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		, Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer		es 1 through 4	\$0	\$0	\$0
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	5 * Line 6	\$0	\$0	\$0
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5 o	of 10, Line 3	\$0	\$0	
9	Cost of Removal		f 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0	
12	Effective Tax Rate	*		21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0	\$0
• •	Total Belefied Tall Reserve		Line 19; Col (c) = Page 2	40	40	40
15	Net Operating Loss		, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve		+ Line 15	\$0	\$0	\$0
	All de CENTAGA E de LE LA LINOT					
17	Allocation of FY 2021 Estimated Federal NOL Cumulative Book/Tax Timer Subject to Proration	Col (h) = Line 5	\$0	\$0	\$0
18	Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0 \$0	\$0 \$0	\$0 \$0
19	Total Cumulative Book/Tax Timer		7 + Line 18	\$0	\$0	\$0
						, ,
		Col (b) = Page 4 of 10	Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL		ne 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / Li	ne 19) * Line 20	\$0	\$0	\$0
23	Effective Tax Rate	T: 0	N # T : 22	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2.	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0	\$0
				**	**	**
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(l)	(m)
26	April 2020	30	91.78%	\$0	\$0	\$0
27	May 2020	31	83.29%	\$0	\$0	\$0
28	June 2020	30	75.07%	\$0	\$0	\$0
29	July 2020	31	66.58%	\$0	\$0	\$0
30 31	August 2020	31 30	58.08% 49.86%	\$0 \$0	\$0 \$0	\$0 \$0
32	September 2020 October 2020	30	49.86%	\$0 \$0	\$0 \$0	\$0 \$0
33	November 2020	30	33.15%	\$0 \$0	\$0 \$0	\$0 \$0
34	December 2020	31	24.66%	\$0 \$0	\$0 \$0	\$0
35	January 2021	31	16.16%	\$0	\$0	\$0
36	February 2021	28	8.49%	\$0	\$0	\$0
37	March 2021	31	0.00%	\$0	\$0	\$0
38	Total	365		\$0	\$0	\$0
39	Deferred Tax Without Proration	T.	ine 25	\$0	\$0	\$0
40	Proration Adjustment		ne 25 8 - Line 39	\$0 \$0	\$0 \$0	\$0 \$0
0	. I oracion raquonnom	Line 3	, 1110 57	30	\$0	φυ

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - DSCADA & ADMS IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line	Defensed Tox Cubicat to Duomation			Total	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration	C 1 (1) P (C 1)	T: 12 G I () B				
1	Book Depreciation	4 of 10, Line 13; Col	, Line 13; Col (c) = Page (d) = Page 2 of 10, Line	0.0	0.0		0.0
2	Bonus Depreciation		13 10, Line 12	\$0 \$0	\$0 \$0	\$0	\$0
2	Bonus Depreciation	-		30	20		
3	Remaining MACRS Tax Depreciation		, Line 18; Col (c) = Page (d) = Page 3 of 10, Line				
	remaining in rests that pepreciation		18	\$0	\$0	\$0	\$0
		C-1(h) P7-610	Line 19; Col (c) = Page	**	**	**	**
			(d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0		
5	Cumulative Book / Tax Timer		es 1 through 4	\$0	\$0	\$0	\$0
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	\$0	\$0	\$0	\$0
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		f 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 of	10, Line 20	\$0 \$0	\$0		
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	Lina 9 : Li	ne 9 + Line 10	\$0 \$0	\$0 \$0		
12	Effective Tax Rate	Line o + Li	ne 9 + Line 10	21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$0	\$0	\$0	\$0
		Col (b) = Page 6 of 10	, Line 19; Col (c) = Page				
15	Net Operating Loss		c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	\$0	\$0	\$0	\$0
17	Allocation of FY 2022 Estimated Federal NOL Cumulative Book/Tax Timer Subject to Proration	0.140	1 Thu 5	\$0	¢o.	¢o.	¢o.
17 18	Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration) = Line 5 ne 11	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
19	Total Cumulative Book/Tax Timer		+ Line 18	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
17	Total California Book Tax Time!	Line 17	Line 10	40	ΨΟ	ΨΟ	ΨΟ
		Col (b) = Page 6 of 10	Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0	\$0	\$0
23	Net Deletted Tax Reserve subject to profation	Ellic /	+ Line 24	40	φ0	φ0	\$0
		(i)	(j)				
			ν,	(1) C (5 (1)			
	Proration Calculation	Number of Days in Month	Proration Percentage	(k)= Sum of (l) through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	\$0	\$0	\$0	(n) \$0
27	May 2021	31	83.29%	\$0	\$0	\$0	\$0
28	June 2021	30	75.07%	\$0	\$0	\$0	\$0
29	July 2021	31	66.58%	\$0	\$0	\$0	\$0
30	August 2021	31	58.08%	\$0	\$0	\$0	\$0
31	September 2021	30	49.86%	\$0	\$0	\$0	\$0
32	October 2021	31	41.37%	\$0	\$0	\$0	\$0
33	November 2021	30	33.15%	\$0	\$0	\$0	\$0
34	December 2021	31	24.66%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
35 36	January 2022 February 2022	31 28	16.16% 8.49%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
37	March 2022	31	0.00%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
38	Total	365	0.0070	\$0	\$0	\$0	\$0
		303		20	70	70	7.7
39	Deferred Tax Without Proration	Li	ne 25	\$0	\$0	\$0	\$0
40	Proration Adjustment	Line 38	3 - Line 39	\$0	\$0	\$0	\$0

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - Enterprise Service Bus Annual Revenue Requirement Summary

Line <u>No.</u>			March	ar Ending 31, 2019 a)	cal Year Ending March 31, 2020 (b)	Fiscal Year Ending March 31, 2021 (c)		al Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:							
1	System Data Portal		\$	-	\$ -	\$ -	\$	-
2	Feeder Monitoring Sensors		\$	-	\$ -	\$ -	\$	-
3	RTU Separation		\$	-	\$ -	\$ -	\$	-
4	GIS Data Enhancement		\$	-	\$ -	\$ -	\$	-
5	DSCADA & ADMS		\$	-	\$ -	\$ -	\$	-
6	GIS Data Enhancement		\$	-	\$ -	\$ -	\$	-
7	Enterprise Service Bus		\$	-	\$ 176,877	\$ 402,346	\$	504,066
8	Data Lake		\$	-	\$ -	\$ -	\$	-
9	PI Historian		\$	-	\$ -	\$ -	\$	-
10	Advanced Analytics		\$	-	\$ -	\$ -	\$	-
11	Telecommunications		\$	-	\$ -	\$ -	\$	-
12	Cybersecurity		\$	-	\$ -	\$ -	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$ 176,877	\$ 402,346	\$	504,066
	Gas Operation and Maintenance (O&M) Expenses:							
14	DSCADA & ADMS		\$	-	\$ -	\$ -	\$	-
15	GIS Data Enhancement		\$	-	\$ -	\$ -	\$	-
16	Enterprise Service Bus		\$	-	\$ 96,123	\$ 218,654	\$	273,934
17	Data Lake		\$	-	\$ -	\$ -	\$	-
18	PI Historian		\$	-	\$ -	\$ -	\$	-
19	Advanced Analytics		\$	-	\$ -	\$ -	\$	-
20	Telecommunications		\$	-	\$ -	\$ -	\$	-
21	Cybersecurity		\$	-	\$ -	\$ -	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$ 96,123	\$ 218,654	\$	273,934
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$ 273,000	\$ 621,000	\$	778,000
24	Electric Capital Investment:							
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0	\$0		\$0
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$447,183
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27		-	\$0	\$0		\$447,183
29	Gas Capital Investment:							
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$0	\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment							\$243,021
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-	\$0	\$0		\$243,021
34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$176,877	\$402,346		\$951,249
35	Total Gas Revenue Requirement	Line 22 + Line 33		-	\$96,123	\$218,654		\$516,955
	•						_	
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$ 273,000	\$ 621,000	\$	1,468,204

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Enterprise Service Bus IS

Estimated Capital Investment	Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
Total Estimated Capital Inclusion Rue Base Surport Capital Inclusion Rue Base Surport Capital Inclusion Rue Base Column (a) = Line 3 - Line 4 - OS		Estimated Capital Investment		(a)	(0)	(c)
Total Estimated Capital Inclusion Rue Base Surport Capital Inclusion Rue Base Surport Capital Inclusion Rue Base Column (a) = Line 3 - Line 4 - OS	1	Enterprise Service Bus		\$0	\$0	\$0
Total Allowed Capital Included in Rate Base in Current Year Line 2 S0 S0 S0 S0 S0 S0 S0			Sum of Line 1			
Total Allowed Capital Included in Rate Base in Current Year Line 2 S0 S0 S0 S0 S0 S0 S0		Depreciable Net Capital Included in Rate Base				
Net Depreciable Capital Included in Rate Base Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	3		Line 2	\$0	\$0	\$0
Capital Included in Rate Base Line 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0	4	Retirements	Line 4 * 0%	\$0	\$0	\$0
Capital Included in Rate Base	5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0	\$0	\$0
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 S0 S0 S0 S0 S0 S0 S0						
Total Net Plant in Service Including Cost of Removal Line 6 + Line 7 S0 S0 S0 S0	6	Capital Included in Rate Base	Line 2	\$0	\$0	\$0
Tax Depreciation Surgery Tax Depreciation: Page 3 of 10, Line 21 S0	7	Cost of Removal		\$0	\$0	\$0
Vintage Year Tax Depreciation: Page 3 of 10, Line 21 S0 S0 S0 S0 S0 S0 S0 S	8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$0	\$0	\$0
Page 3 of 10, Line 21		Tax Depreciation				
Cumulative Tax Depreciation	9	Vintage Year Tax Depreciation:				
Book Depreciation 14.29%	10	FY 2020 Spend	Page 3 of 10, Line 21	\$0	\$0	\$0
12 Composite Book Depreciation Rate As filed per RLP, U.C. Docker No. 4770 14.29% 1	11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0	\$0
Book Depreciation						
Cumulative Book Depreciation						
Total Cumulative Book Depreciation						
Deferred Tax Calculation:	14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	20	20	20
Column C	15	Total Cumulative Book Depreciation	Line 14	\$0	\$0	\$0
Fifective Tax Rate						
Deferred Tax Reserve			Line 11 - Line 15			
So So So So So So So So			Line 16 * Line 17			
Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)			Line 16 * Line 17			
Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Average Rate Base Sum of Line 25 + Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Average Rate Base Sum of Line 27 Sum of Line 21 Sum of Line 27 Sum of Line 28 Sum of Line 29 Sum of Line 20 Sum of	19	Less. F1 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	30	30	30
Rate Base Calculation: 22 Cumulative Incremental Capital Included in Rate Base Line 8 \$0 \$0 \$0 23 Accumulated Depreciation -Line 15 \$0 \$0 \$0 24 Deferred Tax Reserve -Line 21 \$0 \$0 \$0 25 Year End Rate Base Sum of Lines 22 through 24 \$0 \$0 \$0 26 Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 27 Pre-Tax ROR Line 26 * Line 27 \$0 \$0 \$0 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0 30 \$0 \$0 40 \$0 \$0 \$0 50 \$0 \$0 50 \$0 \$0 50 \$0 \$0 50 \$0	20	Less: Proration Adjustment	= Page 10 of 10, Line 40	\$0	\$0	\$0
Cumulative Incremental Capital Included in Rate Base	21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0	\$0
Accumulated Depreciation -Line 15 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$						
Deferred Tax Reserve F-Line 21 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$						
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 ÷ 2 and Line 25 + Current Year Line 25 ÷ 2 and Line 25 + Curre				***		
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25 ÷ 2) \$0.00 \$0 \$0 26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0						
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2; Column (b and c) = (Prior Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes \$0 \$0 \$0 29 Book Depreciation Line 26 * Line 27 \$0 \$0 \$0 20 \$0 \$0 \$0 \$0 \$0	25	Year End Rate Base	Sum of Lines 22 through 24	20	20	\$0
26 Average Rate Base Line 25 + Current Year Line 25) ÷ 2 \$0.00 \$0 \$0 27 Pre-Tax ROR 1/ 8.80% 8.80% 8.80% 28 Return and Taxes \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0		Revenue Requirement Calculation:				
27 Pre-Tax ROR 8.80% 8.80% 8.80% 28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	26	Average Rate Base		\$0.00	\$0	\$0
28 Return and Taxes Line 26 * Line 27 \$0 \$0 \$0 29 Book Depreciation Line 13 \$0 \$0 \$0	27	p. T. DOD	1.	/	0.004	0.000
29 Book Depreciation Line 13 \$0 \$0 \$0			1: 00*1: 07			
30 Annual Revenue Requirement Line 28 + Line 29 \$0 \$0 \$0						
	30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0	\$0

1/	Weighted Average Cost of	Capital as file in R.I.	P.U.C. Docket No. 4	770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - Enterprise Service Bus IS

Line <u>No.</u>			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 2	\$0		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$0		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$0		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0	\$0
			**	**	**
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$0	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Enterprise Service Bus IS

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		(a)	(6)
1	Enterprise Service Bus		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	-			
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 2 Line 4 * 0%	\$0 \$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$0	\$0 \$0
3	Net Depreciatic Capital included in Rate Base	Column (a) - Line 3 - Line 4, Column (b and c) - 1100 Teal Line 3	ΨΟ	40
	Change in Net Capital Included in Rate Base			
6	Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			_
9	Vintage Year Tax Depreciation:			
10	FY 2021 Spend	Page 16 of 21, Line 21	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12	\$0	\$0
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$0	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17	Effective Tax Rate		21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0	\$0
19	Less: FY 2021 Federal NOL		\$0	\$0
20	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	\$0	\$0
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$0	\$0
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23	Accumulated Depreciation	- Line 15	\$0	\$0
24 25	Deferred Tax Reserve	- Line 21	\$0 \$0	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	20	\$0
	Revenue Requirement Calculation:			
		Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25) ÷ 2	\$0.00	\$0
27	Pre-Tax ROR	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$.80%	\$.80% \$0
29	Book Depreciation	Line 13	\$0	\$0
30	Annual Davanua Daguiramant	Line 28 + Line 29	\$0	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0_

1/	Weighted Average	Cost of Capital as f	file in R.I.P.U.C	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - Enterprise Service Bus IS

			Fiscal Year Ending	_
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 6 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Enterprise Service Bus IS

Entemptic Service Bus	Line No.			Fiscal Year Ending March 31, 2022 (a)
Propertiable Net Capital Included in Rate Base Secure Net Pereciable Net Capital Included in Rate Base Line 2 Secure Net Pereciable Capital Included in Rate Base in Current Year Line 2 Secure Net Pereciable Capital Included in Rate Base Column (a) = Line 3 - Line 4 * 0% Secure Net Pereciable Capital Included in Rate Base Column (a) = Line 3 - Line 4 * 0% Secure Net Pereciable Capital Included in Rate Base Column (a) = Line 2 Secure Net Pereciable Capital Included in Rate Base Line 2 Secure Net Pereciable Capital Included in Rate Base Line 2 Secure Net Pereciable Capital Included in Rate Base Line 2 Secure Net Pereciable Capital Included in Rate Base Line 2 Secure Net Pereciable Capital Included in Rate Base Line 6 * Line 8 Secure Net Pereciable Capital Included in Rate Base Line 6 * Line 8 Secure Net Pereciable Capital Included in Rate Base Line 6 * Line 8 Secure Net Pereciable Capital Included in Rate Base Line 6 * Line 8 Secure Net Pereciable Capital Included in Rate Base Line 6 * Line 1 *		Estimated Capital Investment		(4)
Depreciable Not Capital Included in Rate Base 1				
Total Allowed Capital Included in Rate Base in Current Year	2	Total Estimated Capital Investment	Sum of Line 1	\$6,208,000
Retirements				
Net Depreciable Capital Included in Rate Base		1		\$6,208,000
Campe in Net Capital Included in Rate Base				\$0
Capital Included in Rate Base Line 2 Sc,208,000	3	Net Depreciable Capital included in Kate Base	Column (a) = Line 3 - Line 4	\$6,208,000
Total Net Plant in Service Including Cost of Removal Line 6 + Line 8 \$6,208,000				
Total Net Plant in Service Including Cost of Removal Line 6 + Line 8 \$6,208,000	6	Capital Included in Rate Base	Line 2	\$6,208,000
Tax Depreciation Fax Depreciation Fax Depreciation: Page 7 of 10, Line 21 \$2,069,126	7	Cost of Removal		\$0
9 Vintage Year Tax Depreciation: Page 7 of 10, Line 21 \$2,069,126 10 FY 2022 Spend Page 7 of 10, Line 21 \$2,069,126 11 Cumulative Tax Depreciation Current Year Line 10 \$2,069,126 Book Depreciation As approved per R.I.P.U.C. Docket No. 4770 14.29% 13 Book Depreciation Column (a) = Line 2* Line 12 * 50% \$443,429 14 Cumulative Book Depreciation Line 14 \$443,429 15 Total Cumulative Book Depreciation Line 14 \$443,429 15 Total Cumulative Book Depreciation Line 11 - Line 15 \$1,625,697 16 Cumulative Book / Tax Timer Line 11 - Line 15 \$1,625,697 17 Effective Tax Rate Line 16 * Line 17 \$341,396 18 Deferred Tax Reserve Line 16 * Line 17 \$341,396 19 Less: Proration Adjustment Col = Page 10 of 10, Line 40 \$185,352 21 Net Deferred Tax Reserve Sum of Lines 18 through 20 \$156,045 22 Cumulative Incremental Capital Included in Rate Base Line 16 Line 15	8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$6,208,000
9 Vintage Year Tax Depreciation: Page 7 of 10, Line 21 \$2,069,126 10 FY 2022 Spend Page 7 of 10, Line 21 \$2,069,126 11 Cumulative Tax Depreciation Current Year Line 10 \$2,069,126 Book Depreciation As approved per R.I.P.U.C. Docket No. 4770 14.29% 13 Book Depreciation Column (a) = Line 2* Line 12 * 50% \$443,429 14 Cumulative Book Depreciation Line 14 \$443,429 15 Total Cumulative Book Depreciation Line 14 \$443,429 15 Total Cumulative Book Depreciation Line 11 - Line 15 \$1,625,697 16 Cumulative Book / Tax Timer Line 11 - Line 15 \$1,625,697 17 Effective Tax Rate Line 16 * Line 17 \$341,396 18 Deferred Tax Reserve Line 16 * Line 17 \$341,396 19 Less: Proration Adjustment Col = Page 10 of 10, Line 40 \$185,352 21 Net Deferred Tax Reserve Sum of Lines 18 through 20 \$156,045 22 Cumulative Incremental Capital Included in Rate Base Line 16 Line 15		Tax Depreciation		
10 FY 2022 Spend	9	Vintage Year Tax Depreciation:		
Book Depreciation 14.29% 14.29% 14.29% 14.29% 14.29% 15.29% 16.29%	10		Page 7 of 10, Line 21	\$2,069,126
14.29% 15.20% 16.20% 1	11	Cumulative Tax Depreciation	Current Year Line 10	\$2,069,126
13 Book Depreciation Column (a) = Line 2* Line 12 * 50% \$443,429 14 Cumulative Book Depreciation Line 14 \$443,429 15 Total Cumulative Book Depreciation Line 14 \$443,429 16 Cumulative Book Depreciation Line 14 \$443,429 17 Deferred Tax Calculation:		Book Depreciation		
Cumulative Book Depreciation				
Deferred Tax Cakculation:			(4)	
Deferred Tax Calculation:	14	Cumulative Book Depreciation	Current Year Line 13	\$443,429
Cumulative Book / Tax Timer	15	Total Cumulative Book Depreciation	Line 14	\$443,429
17				
18			Line 11 - Line 15	
1			Y: 168Y: 18	
Col			Line 16 * Line 1/	
Rate Base Calculation: Line 8 \$6,208,000 23 Accumulative Incremental Capital Included in Rate Base Line 8 \$6,208,000 23 Accumulated Depreciation - Line 15 (\$443,429) 24 Deferred Tax Reserve - Line 21 (\$156,045) 25 Year End Rate Base Sum of Lines 22 through 24 \$5,608,527 Revenue Requirement Calculation: Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429			Col - Page 10 of 10 Line 40	
22 Cumulative Incremental Capital Included in Rate Base Line 8 \$6,208,000 23 Accumulated Depreciation - Line 15 (\$443,429) 24 Deferred Tax Reserve - Line 21 (\$156,045) 25 Year End Rate Base Sum of Lines 22 through 24 \$5,608,527 Evernue Requirement Calculation: Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429				
22 Cumulative Incremental Capital Included in Rate Base Line 8 \$6,208,000 23 Accumulated Depreciation - Line 15 (\$443,429) 24 Deferred Tax Reserve - Line 21 (\$156,045) 25 Year End Rate Base Sum of Lines 22 through 24 \$5,608,527 Evernue Requirement Calculation: Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429		Rate Base Calculation:		
24 Deferred Tax Reserve - Line 21 (\$156,045) 25 Year End Rate Base Sum of Lines 22 through 24 \$5,608,527 26 Revenue Requirement Calculation: 26 27 Pre-Tax ROR 28 29 <td>22</td> <td>Cumulative Incremental Capital Included in Rate Base</td> <td>Line 8</td> <td>\$6,208,000</td>	22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$6,208,000
Revenue Requirement Calculation: Sum of Lines 22 through 24 \$5,608,527 26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2 \$2,804,263.37 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429	23	Accumulated Depreciation	- Line 15	(\$443,429)
Revenue Requirement Calculation: Column (a) = Current Year Line 25 ÷ 2 \$2,804,263.37 26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2 \$2,804,263.37 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429				
26 Average Rate Base Column (a) = Current Year Line 25 ÷ 2 \$2,804,263.37 27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429	25	Year End Rate Base	Sum of Lines 22 through 24	\$5,608,527
27 Pre-Tax ROR Meighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429				60.00.00.0
27 Pre-Tax ROR MAL-6 8.80% 28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429	26	Average Kate Base		\$2,804,263.37
28 Return and Taxes Line 26 * Line 27 \$246,775 29 Book Depreciation Line 13 \$443,429	27	Dr. T., DOD		0.000/
29 Book Depreciation Line 13 \$443,429				
30 Annual Revenue Requirement Line 28 + Line 29 \$690,204				
	30	Annual Revenue Requirement	Line 28 + Line 29	\$690,204

1/ Weighted Average	Cost of Capital as	s file in R.I.P.U.C.	. Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - Enterprise Service Bus IS

			Fiscal Year Ending
Line			March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$6,208,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$6,208,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$6,208,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$6,208,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$6,208,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$6,208,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$2,069,126
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$2,069,126

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Enterprise Service Bus IS

No. Deferred Tax Subject to Provation Page 2 of 10, Line 13 SO 30 1 Books Depreciation Page 3 of 10, Line 18 SO 30 3 Remaining AVCRS Tax Depreciation Page 3 of 10, Line 18 SO 30 4 PT20 Line (gain) Joss on retirements Page 3 of 10, Line 19 SO 50 5 Compilative Book 7 fax Timer Som of Lines I through 4 SO 50 6 Effective Tax Ran Per Tax Department 21,00% 7 Deferred Tax Not Subject to Proration Inn 5° Line 6 SO 30 8 Capital Repairs Deduction Page 3 of 10, Line 3 SO 50 9 Cost of Remival Page 3 of 10, Line 3 SO 50 10 Book Tax Timer Line 8 + Line 9 + Line 10 SO 50 11 Chamilative Book Tax Timer Line 8 + Line 9 + Line 10 SO 50 12 Effective Tax Ran 1 (Line 11° Line 12° Line 10° SO 50 13 Deferred Tax Reserve Line 11° Line 12° Line 10° SO 50 15 Net Operating Loss Page 2 of 10, Line 19° Line 10° SO 50 16 Net Deferred Tax Reserve	Line				(a)= Column (b)	(b) Vintage Year
Book Depreciation		Deferred Tax Subject to Proration			Total	
Bonus Depreciation Page 3 of 10 - Line 12			Page 2 o	f 10. Line 13		
Remaining MACRS Tax Depreciation Page 3 of 10, - Line 18 So So So		•				
FY20 tax (gain) Joss on retirements Fage 3 of 10, - Line 19 S0 S0		1	· ·	,		\$0
5 Camulative Book / Tax Timer Sum of Lines I through 4 SO SO 6 Effective Tax Rate Per Tax Department 21,00% 21,00% 7 Deferred Tax Reserve Line 5 * Line 6 \$0 \$0 Deferred Tax Not Subject to Proration 8 Capital Repairs Deduction Page 3 of 10, Line 20 \$0 \$0 10 Book Tax Depreciation Timing Difference at 3/31/2020 Line 8 * Line 9 * Line 10 \$0 \$0 11 Camulative Book / Tax Timer Line 8 * Line 9 * Line 10 \$0 \$0 12 Effective Tax Rate Line 11 * Line 12 \$0 \$0 13 Deferred Tax Reserve Line 11 * Line 13 \$0 \$0 15 Net Operating Loss Page 2 of 10, Line 19 \$0 \$0 16 Net Deferred Tax Reserve Line 14 + Line 15 \$0 \$0 17 Camulative Book/Tax Timer Subject to Proration Line 14 + Line 15 \$0 \$0 18 Camulative Book/Tax Timer Subject to Proration Line 17 + Line 18 \$0 \$0 20 Total FY 2020 Federal NOL Page 2 of 10, Line 19 / 21% \$0 \$0 21 Allocated FY 2020 Federal N	4		-		\$0	\$0
Effective Tax Raser	5	=	-		\$0	\$0
Deferred Tax Reserve						
8 Capital Repairs Deduction Page 3 of 10, Line 3 \$0 \$0 9 Cost of Removal Page 3 of 10, Line 20 \$0 \$0 10 Book/Tax Depreciation Timing Difference at 3/31/2020 Line 8 + Line 9 + Line 10 \$0 \$0 11 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 \$0 \$0 12 Effective Tax Rate 21,00% 22,00% \$2 13 Deferred Tax Reserve Line 11 * Line 12 \$0 \$0 14 Total Deferred Tax Reserve Line 11 * Line 13 \$0 \$0 15 Net Operating Loss Page 2 of 10, Line 19 \$0 \$0 16 Net Deferred Tax Reserve Line 14 + Line 15 \$0 \$0 Allocation of FY 2020 Estimated Federal NOL 17 Cumulative Book/Tax Timer Sof Subject to Proration Line 19 \$0 \$0 19 Total Cumulative Book/Tax Timer Line 17 + Line 18 \$0 \$0 20 Total FY 2020 Federal NOL Page 2 of 10, Line 19 / 21% \$0 \$0 21 Allocated FY 2020 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20 \$0 \$0 22 Allocated FY 202	7	Deferred Tax Reserve		•	\$0	\$0
9 Cost of Removal Page 3 of 10, Line 20 \$0 \$0 10 Book/Tax Depreciation Timing Difference at 3/31/2020 Line 8 + Line 9 + Line 10 \$0 \$0 11 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 \$0 \$0 12 Effective Tax Rate 21.00% 21.00% 21.00% 13 Deferred Tax Reserve Line 11 * Line 12 \$0 \$0 14 Total Deferred Tax Reserve Line 7 + Line 13 \$0 \$0 15 Net Operating Loss Page 2 of 10, Line 19 \$0 \$0 16 Net Deferred Tax Reserve Line 14 + Line 15 \$0 \$0 17 Cumulative Book/Tax Timer Subject to Proration Col (b) = Line 5 \$0 \$0 18 Cumulative Book/Tax Timer Subject to Proration Line 17 + Line 18 \$0 \$0 19 Total Crumulative Book/Tax Timer Page 2 of 10, Line 19 / 21% \$0 \$0 20 Total Fy 2020 Federal NOL Page 2 of 10, Line 19 / 21% \$0 \$0 21 Allocated Fy 2020 Federal NOL Subject to Proration (Line 18 / Line 19) * Line 20 \$0 \$0 22 Effective Tax Reserve subject to proration Line 22 * Lin		Deferred Tax Not Subject to Proration				
Book/Tax Depreciation Timing Difference at 3/31/2020 So So	8	Capital Repairs Deduction	Page 3 o	of 10, Line 3	\$0	\$0
Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 \$0 \$0 \$100% Effective Tax Rate	9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
Effective Tax Rate	10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
Total Deferred Tax Reserve	11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0
Total Deferred Tax Reserve	12	Effective Tax Rate			21.00%	21.00%
15 Net Operating Loss Page 2 of 10, Line 19 S0 S0	13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
Net Deferred Tax Reserve		Total Deferred Tax Reserve				\$0
Allocation of FY 2020 Estimated Federal NOL						\$0
Cumulative Book/Tax Timer Subject to Proration Col (b) = Line 5 So So	16	Net Deferred Tax Reserve	Line 14	4 + Line 15	\$0	\$0
Cumulative Book/Tax Timer Not Subject to Proration Line 11 S0 \$0						
Total Cumulative Book/Tax Timer		g .				
20 Total FY 2020 Federal NOL Page 2 of 10, Line 19 / 21% \$0 \$0 21 Allocated FY 2020 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20 \$0 \$0 22 Allocated FY 2020 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20 \$0 \$0 23 Effective Tax Rate Per Tax Department 21.00% 21.00% 24 Deferred Tax Benefit subject to proration Line 22 * Line 23 \$0 \$0 25 Net Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0 26 April 2019 30 91.78% \$0 \$0 27 May 2019 31 83.29% \$0 \$0 28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019				Line 11		
Allocated FY 2020 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20	19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$0	\$0
Allocated FY 2020 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20 \$0 \$0 Effective Tax Rate Per Tax Department 21.00% 21.00% Deferred Tax Benefit subject to proration Line 22 * Line 23 \$0 \$0 So So So So Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0 So So So So So Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0 So So So So So So Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0 So So So So So So Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0 So So So So So So So						
Effective Tax Rate		•				
Deferred Tax Benefit subject to proration Line 22 * Line 23 \$0 \$0		· ·				
Net Deferred Tax Reserve subject to proration Line 7 + Line 24 \$0 \$0				•		
Company Comp	24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
Number of Days in Proration Calculation Number of Days in Month Proration Percentage (k)= Sum of (l) (l) 26 April 2019 30 91.78% \$0 \$0 27 May 2019 31 83.29% \$0 \$0 28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 38 Total 365 \$0 \$0 \$0 <	25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$0	\$0
Proration Calculation Month Proration Percentage (k)= Sum of (l) (l) 26 April 2019 30 91.78% \$0 \$0 27 May 2019 31 83.29% \$0 \$0 28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total<			(i)	(j)		
Proration Calculation Month Proration Percentage (k)= Sum of (l) (l) 26 April 2019 30 91.78% \$0 \$0 27 May 2019 31 83.29% \$0 \$0 28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total<			Number of Days in			
26 April 2019 30 91.78% \$0 \$0 27 May 2019 31 83.29% \$0 \$0 28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0		Proration Calculation		Proration Percentage	(k)= Sum of (l)	(1)
28 June 2019 30 75.07% \$0 \$0 29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	26	April 2019	30		\$0	\$0
29 July 2019 31 66.58% \$0 \$0 30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	27	May 2019	31	83.29%	\$0	\$0
30 August 2019 31 58.08% \$0 \$0 31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	28	June 2019	30	75.07%	\$0	\$0
31 September 2019 30 49.86% \$0 \$0 32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	29	July 2019	31	66.58%	\$0	\$0
32 October 2019 31 41.37% \$0 \$0 33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	30	August 2019	31	58.08%	\$0	\$0
33 November 2019 30 33.15% \$0 \$0 34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	31	September 2019	30	49.86%	\$0	\$0
34 December 2019 31 24.66% \$0 \$0 35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	32	October 2019	31	41.37%	\$0	\$0
35 January 2020 31 16.16% \$0 \$0 36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	33	November 2019	30	33.15%	\$0	\$0
36 February 2020 28 8.49% \$0 \$0 37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	34	December 2019	31	24.66%	\$0	\$0
37 March 2020 31 0.00% \$0 \$0 38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	35	January 2020	31	16.16%	\$0	\$0
38 Total 365 \$0 \$0 39 Deferred Tax Without Proration Line 25 \$0 \$0	36	February 2020	28	8.49%	\$0	\$0
39 Deferred Tax Without Proration Line 25 \$0 \$0	37	March 2020	31	0.00%	\$0	\$0
	38	Total	365		\$0	\$0
40 Proration Adjustment Line 38 - Line 39 \$0 \$0	39	Deferred Tax Without Proration	L	ine 25	\$0	\$0
	40	Proration Adjustment	Line 3	8 - Line 39	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Enterprise Service Bus IS

		z, g ,	-	(a)=Sum of (b) through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line No.	Deferred Tax Subject to Proration			Total	March 31, 2021	March 31, 2020
1	Book Depreciation), Line 13; Col (c) = Page 2			
	•), Line 13	\$0	\$0	\$0
2	Bonus Depreciation		of 10, Line 12 0, Line 18; Col (c) = Page 3	\$0	\$0	
3	Remaining MACRS Tax Depreciation), Line 18, Coi (c) = Page 3	\$0	\$0	\$0
), Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements	of 10), Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer Effective Tax Rate		nes 1 through 4	\$0 21.00%	\$0 21.00%	\$0 21.00%
6 7	Deferred Tax Reserve		Department 5 * Line 6	21.00% \$0	21.00% \$0	21.00% \$0
,	Deterred Tax Reserve	Elik	5 Enic 6	Ψ0	ΨΟ	Ψ0
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction Cost of Removal		of 10, Line 3 of 10, Line 20	\$0 \$0	\$0 \$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021	rage 3 (01 10, Line 20	\$0 \$0	\$0 \$0	
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 3	7 + Line 13	\$0	\$0	\$0
), Line 19; Col (c) = Page 2	**	**	**
15	Net Operating Loss	of 10), Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	\$0	\$0	\$0
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration		b) = Line 5	\$0	\$0	\$0
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		ine 11 7 + Line 18	\$0 \$0	\$0 \$0	\$0 \$0
19	Total Cumulative Book/Tax Timer	Line 1	/ + Line 18	30	\$0	\$0
), Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL		ine 19 / 21%	\$0 \$0	\$0 \$0	\$0 \$0
21 22	Allocated FY 2021 Federal NOL Not Subject to Proration Allocated FY 2021 Federal NOL Subject to Proration		ine 19) * Line 20 ine 19) * Line 20	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(Ellie 177 E	me 19) Eme 20	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line ?	7 + Line 24	\$0	\$0	\$0
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	<u>Month</u>	Proration Percentage	through (m)	(1)	(m)
26 27	April 2020 May 2020	30 31		\$0 \$0	\$0 \$0	\$0 \$0
28	June 2020	30		\$0 \$0	\$0 \$0	\$0 \$0
29	July 2020	31		\$0	\$0	\$0
30	August 2020	31		\$0	\$0	\$0
31	September 2020	30		\$0	\$0	\$0
32 33	October 2020 November 2020	31 30		\$0 \$0	\$0 \$0	\$0 \$0
33 34	December 2020	31		\$0 \$0	\$0 \$0	\$0 \$0
35	January 2021	31		\$0	\$0	\$0
36	February 2021	28		\$0	\$0	\$0
37	March 2021 Total	31 365		\$0 \$0	\$0 \$0	\$0 \$0
38	Total	363		20	20	20
39	Deferred Tax Without Proration	I	ine 25	\$0	\$0	\$0
40	Proration Adjustment	Line 3	8 - Line 39	\$0	\$0	\$0

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration

Synergy Grid Mod - Enterprise Service Bus IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line	Defensed Ton Cubicat to Buonation			<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration	G 14) P 6 610	1: 10 G 1() B				
1	Book Depreciation		Line 13; Col (c) = Page				
1	Book Depreciation		(d) = Page 2 of 10, Line 13	\$443,429	\$443,429	\$0	\$0
2	Bonus Depreciation		10, Line 12	\$0	\$0	40	30
			, Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation		(d) = Page 3 of 10, Line				
			18	(\$2,069,126)	(\$2,069,126)	\$0	\$0
		Col (b) - Page 7 of 10	, Line 19; Col (c) = Page				
			(d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0		
5	Cumulative Book / Tax Timer	Sum of Line	es 1 through 4	(\$1,625,697)	(\$1,625,697)	\$0	\$0
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	* Line 6	(\$341,396)	(\$341,396)	\$0	\$0
	Deferred Tax Not Subject to Proration	D 7	610 Y: 2				
8	Capital Repairs Deduction Cost of Removal		f 10, Line 3 10, Line 20	\$0 \$0	\$0 \$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022	Page / 01	10, Line 20	\$0 \$0	\$0 \$0		
11	Cumulative Book / Tax Timer	Line 8 + Lin	ne 9 + Line 10	\$0 \$0	\$0 \$0		
12	Effective Tax Rate	Zinc o · Zin	ic y . Line 10	21.00%	21.00%		
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$341,396)	(\$341,396)	\$0	\$0
		Col (b) = Page 6 of 10	, Line 19; Col (c) = Page				
15	Net Operating Loss		e) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$341,396)	(\$341,396)	\$0	\$0
	Allocation of FY 2022 Estimated Federal NOL	0.14)		(01 505 505)	(01.505.505)	40	***
17	Cumulative Book/Tax Timer Subject to Proration		= Line 5	(\$1,625,697)	(\$1,625,697)	\$0	\$0
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		ne 11 + Line 18	\$0 (\$1,625,697)	\$0 (\$1,625,697)	\$0 \$0	\$0 \$0
19	Total Cultivative Book/Tax Timel	Lille 17	+ Line 16	(\$1,023,097)	(\$1,023,097)	30	50
		Col (b) - Page 6 of 10	, Line 19; Col (c) = Page				
			c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ie 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 17 / Lin	ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$341,396)	(\$341,396)	\$0	\$0
		(i)	(j)				
		(1)	())				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	<u>Month</u>	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	(\$26,111)	(\$26,111)	\$0	\$0
27	May 2021	31	83.29%	(\$23,695)	(\$23,695)	\$0	\$0
28	June 2021	30	75.07%	(\$21,357)	(\$21,357)	\$0	\$0 \$0
29 30	July 2021 August 2021	31 31	66.58% 58.08%	(\$18,940) (\$16,524)	(\$18,940) (\$16,524)	\$0 \$0	\$0 \$0
31	September 2021	30	49.86%	(\$14,186)	(\$14,186)	\$0 \$0	\$0 \$0
32	October 2021	31	41.37%	(\$11,770)	(\$11,770)	\$0 \$0	\$0
33	November 2021	30	33.15%	(\$9,431)	(\$9,431)	\$0	\$0
34	December 2021	31	24.66%	(\$7,015)	(\$7,015)	\$0	\$0
35	January 2022	31	16.16%	(\$4,599)	(\$4,599)	\$0	\$0
36	February 2022	28	8.49%	(\$2,416)	(\$2,416)	\$0	\$0
37	March 2022	31	0.00%	\$0	\$0	\$0	\$0
38	Total	365		(\$156,045)	(\$156,045)	\$0	\$0
26	D.C. ITT. With a D. of	= :	25	(00.1.00.	/0211 20 "		**
39	Deferred Tax Without Proration		ne 25	(\$341,396)	(\$341,396)	\$0 \$0	\$0
40	Proration Adjustment	Line 38	- Line 39	\$185,352	\$185,352	\$0	\$0

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synery - Feeder Monitoring Sensors Annual Revenue Requirement Summary

Line <u>No.</u>	Electric Operation and Maintenance (O&M) Expenses:		Marcl	ear Ending a 31, 2019 (a)		eal Year Ending Earch 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		al Year Ending arch 31, 2022 (d)
1	System Data Portal		s		\$		\$		s	
	•			-	\$	-	\$			-
2	Feeder Monitoring Sensors		S S	-	\$ \$	-	\$	5,000	\$	10,000
	RTU Separation		-	-		-		-	\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
6	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
8	Data Lake		\$	-	\$	-	\$	-	\$	-
9	PI Historian		S	-	\$	-	\$	-	\$	-
10	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
11	Telecommunications		\$	-	\$	-	\$	-	\$	-
12	Cybersecurity		\$	-	\$	-	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	-	\$	5,000	\$	10,000
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
15	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
16	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
17	Data Lake		\$	-	\$	-	\$	-	\$	-
18	PI Historian		\$	-	\$	-	\$	-	\$	-
19	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
20	Telecommunications		\$	-	\$	-	\$	-	\$	-
21	Cybersecurity		\$	-	\$	-	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	-	\$	-	\$	•
23	Total O&M Expenses	Line 13 + Line 22	\$	_	\$	-	\$	5,000	s	10,000
					-		_	2,000	-	,
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$26,261		\$66,259		\$64,794
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$24,514		\$66,394
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$26,261
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27				\$26,261		\$90,772		\$157,450
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0		\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-		\$0		\$0		\$0
		_								
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$26,261		\$95,772		\$167,450
35	Total Gas Revenue Requirement	Line 22 + Line 33		-		\$0		\$0		\$0
26	Total Floatsia & Coa Baranna Bassirament	Lina 24 : Lina 25			\$	26,261	•	95,772		167,450
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	Þ	20,261	Þ	95,772	Þ	107,450

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d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
_	Estimated Capital Investment		(a)	(b)	(c)
			****		**
1 2	Feeder Monitor Sensors RTU Separation		\$455,000 \$0	\$0 \$0	\$0 \$0
3	Total Estimated Capital Investment	Line 1 + Line 2	\$455,000	\$0	\$0
			4.00,000		
	Depreciable Net Capital Included in Rate Base				
4 5	Total Allowed Capital Included in Rate Base in Current Year Retirements	Line 3 Line 4 * 0%	\$455,000 \$0	\$0 \$0	\$0 \$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b and c) = Prior Year Line 6	\$455,000	\$455,000	\$455,000
-	Change in Net Capital Included in Rate Base		6455.000	\$0	40
7	Capital Included in Rate Base	Line 3	\$455,000	\$0	\$0
8	Cost of Removal		\$0	\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$455,000	\$455,000	\$455,000
	Total Net Fant in Service including cost of Removal	Elife 0 1 Elife 0	φ435,000	ψ455,000	φ435,000
	Tax Depreciation				
10	Vintage Year Tax Depreciation:	B 4 40 11 41		*****	***
11 12	FY 2020 Spend Cumulative Tax Depreciation	Page 3 of 10, Line 21 Prior Year Line 12 + Current Year Line 11	\$17,063 \$17,063	\$32,846 \$49,909	\$30,380 \$80,289
	Cumulative Tax Depreciation	Thoi roa zaie 12 i curou roa zaie 11	\$17,000	9.5,505	\$00,207
	Book Depreciation				
13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.89%	2.89%	2.89%
14 15	Book Depreciation Cumulative Book Depreciation	Column (a) = Line 1 * Line 13 * 50%; Column (b and c) = Line 1 * Line 13 Prior Year Line 15 + Current Year Line 14	\$6,575 \$6,575	\$13,150 \$19,724	\$13,150 \$32,874
15	Cumulauve Book Depreciation	Thor real Ente 15 Current real Ente 14	ψ0,575	\$17,724	932,074
16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%	2.09%
17	Book Depreciation	Column (a) = Line 2 * Line 16 * 50%; Column (b and c) = Line 2 * Line 16	\$0	\$0	\$0
18	Cumulative Book Depreciation	Prior Year Line 18 + Current Year Line 17	\$0	\$0	\$0
19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$6,575	\$19,724	\$32,874
	Defenda d'Esta Calandariana				
20	Deferred Tax Calculation: Cumulative Book / Tax Timer	Line 12 - Line 19	\$10,488	\$30,185	\$47,415
21	Effective Tax Rate	Ellie 12 - Ellie 17	21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$2,203	\$6,339	\$9,957
23	Less: FY 2020 Federal NOL		\$ -	\$ -	\$ -
24	Less: Proration Adjustment	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c) = Page 10 of 10, Line 40	\$ (1,196)	\$ (2,246)	\$ (1,965)
25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$1,007	\$4,093	\$7,993
	Rate Base Calculation:				
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 455,000		
27 28	Accumulated Depreciation Deferred Tax Reserve	- Line 19 - Line 25	(\$6,575) (\$1,007)	(\$19,724) (\$4,093)	(\$32,874) (\$7,993)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 447,419	\$431,183	\$414,134
	Revenue Requirement Calculation:				
20	A	Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line	#222 F00	6420 201	6422.650
30 31	Average Rate Base Pre-Tax ROR	29 + Current Year Line 39) ÷ 2	\$223,709 8.80%	\$439,301 8.80%	\$422,658 8.80%
32	Return and Taxes	Line 30 * Line 31	\$19,686	\$38,658	\$37,194
33	Book Depreciation	Line 14 - Line 17	\$6,575	\$13,150	\$13,150
34	Property Taxes	Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176%	\$0	\$14,451	\$14,451
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$26,261	\$66,259	\$64,794
55		oun of Director through of	Ψ20,201	ψου,227	ΨΟ 1,774

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 Electric Capital Investments Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line <u>No.</u>			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 3	\$455,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$455,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 0%	0.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$455,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000	\$455,000	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%	6.677%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063	\$32,846	\$30,380
19	FY20 Loss incurred due to retirements	Per Tax Department	\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 8	\$0		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$17,063	\$32,846	\$30,380

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment		.,,	(*)
1	Feeder Monitor Sensors		\$455,000	
2	RTU Separation Total Estimated Capital Investment	Line 1 + Line 2	\$0 \$455,000	\$0
			+ ·••,····	**
4	Depreciable Net Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$455,000	\$0
5	Retirements	Line 4 * 0%	\$0	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6	\$455,000	\$455,000
	Change in Net Capital Included in Rate Base			
7	Capital Included in Rate Base	Line 3	\$455,000	\$0
8	Cost of Removal		\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$455,000	\$455,000
	Tax Depreciation			
10	Vintage Year Tax Depreciation:			
11	FY 2021 Spend	Page 5 of 10, Line 21	\$17,063	\$32,846
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11	\$17,063	\$49,909
	Book Depreciation			
13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.89%	2.89%
14	Book Depreciation	Column (a) = Line 1 * Line 13 * 50%; Column (b) = Line 1 * Line 1		\$13,150
15	Cumulative Book Depreciation	Prior Year Line 15 + Current Year Line 14	\$4,755	\$17,904
16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%
17 18	Book Depreciation Cumulative Book Depreciation	Column (a) = Line 2 * Line 16 * 50%; Column (b) = Line 2 * Line 1 Prior Year Line 18 + Current Year Line 17	\$0 \$0	\$0 \$0
19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$4,755	\$17,904
17	Total California Book Depresation	Ellie 10 + Ellie 15	φ4,733	Ψ17,504
20	<u>Deferred Tax Calculation:</u> Cumulative Book / Tax Timer	Line 12 - Line 19	\$12,308	\$32,005
21	Effective Tax Rate	Line 12 - Line 19	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$2,585	\$6,721
23	Less: FY 2021 Federal NOL		\$0	\$0
24	Less: Proration Adjustment	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40	(\$1,403)	(\$2,246)
25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$1,181	\$4,475
	Rate Base Calculation:			
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 455,000	\$455,000
27	Accumulated Depreciation	- Line 19	(\$4,755)	(\$17,904)
28 29	Deferred Tax Reserve Year End Rate Base	- Line 25 Sum of Lines 26 through 28	\$ (\$1,181) \$ 449.064	(\$4,475) \$432,620
		, and the second	<u> </u>	
	Revenue Requirement Calculation:	Column (a) = Current Year Line 29 ÷ 2; Column (b) = (Prior Year Line	- 20	
30	Average Rate Base	+ Current Year Line 29 ÷ 2	\$224,531.91	\$440,842
31	Pre-Tax ROR		1/ 8.80%	8.80%
32	Return and Taxes	Line 30 * Line 31	\$19,759	\$38,794
33	Book Depreciation	Line 14 + Line 17	\$4,755	\$13,150
34	Property Taxes	Tax Rate 3.176% MAL-7 - Columns (b) Line 9 * 3.176%	\$0	\$14,451
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$24,514	\$66,394
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket I Long Term Debt	Ratio Rate Rate		Return 2.27%
	Short Term Debt		01%	0.01%
	Preferred Stock		00%	0.00%
	Common Equity		1.37%	6.52%
		100.00% 7.4	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 Electric Capital Investments Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line No. 1 2 3	Capital Repairs Deduction Plant Additions Capital Repairs Deduction Rate Capital Repairs Deduction	Page 4 of 10, Line 3 Per Tax Department Line 1 * Line 2	Fiscal Year Ending March 31, 2021 (a) \$455,000 0.00%	Fiscal Year Ending March 31, 2022 (b)
	Bonus Depreciation			
4	Plant Additions	Line 1	\$455,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$455,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063	\$32,846
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 8	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$17,063	\$32,846

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Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2022
1101			(a)
	Estimated Capital Investment		
1	Feeder Monitor Sensors		\$455,000
2	RTU Separation		\$0
3	Total Estimated Capital Investment	Line 1 + Line 2	\$455,000
	Depreciable Net Capital Included in Rate Base		
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$455,000
5	Retirements	Line 4 * 0%	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5	\$455,000
	Change in Net Capital Included in Rate Base		
7	Capital Included in Rate Base	Line 3	\$455,000
8	Cost of Removal		\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$455,000
			,,
10	Tax Depreciation Vintage Year Tax Depreciation:		
11	FY 2022 Spend	Page 7 of 10, Line 21	\$17.063
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 13	\$17,063
12	Cumulative Tax Depreciation	Thoi real line 12 + current real line 13	\$17,003
	Book Depreciation		
13	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.89%
14	Book Depreciation	Column (a) = Line 1* Line 13 * 50%	\$6,575
15	Cumulative Book Depreciation	Current Year Line 14	\$6,575
16	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.09%
17	Book Depreciation	Column (a) = Line 2* Line 16 * 50%	\$0
18	Cumulative Book Depreciation	Current Year Line 16	\$0
19	Total Cumulative Book Depreciation	Line 15 + Line 18	\$6,575
	Deferred Tax Calculation:		
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$10,488
21	Effective Tax Rate		21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$2,203
23	Less: FY 2022 Federal NOL		\$0
24	Less: Proration Adjustment	Col(a) = Page 10 of 10, Line 40	(\$1,196)
25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$1,007
	Rate Base Calculation:		
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 455,000
27	Accumulated Depreciation	- Line 19	(\$6,575)
28	Deferred Tax Reserve	- Line 25	(\$1,007)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 447,419
	Revenue Requirement Calculation:		
30	Average Rate Base	Column (a) = Current Year Line 29 ÷ 2	\$223,709
31	Pre-Tax ROR		1/ 8.80%
32	Return and Taxes	Line 30 * Line 31	\$19,686
33	Book Depreciation	Line 14 + Line 17	\$6,575
34	Property Taxes	Tax Rate 3.176% MAL-7	\$0
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$26,261

1/	Weighted Average (Cost of Capital	as file in R I P II	C Docket No. 4	1770 Schedule MAL-1-ELE	-C

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 Electric Capital Investments Synergy Grid Mod - Feeder Monitoring Sensors Electric

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 3	\$455,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$455,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$455,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$455,000
9	Bonus Depreciation Rate (April 2021 - December 2021)	0%	0.00%
10	Bonus Depreciation Rate (January 2022 - Mar 2022)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$455,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$455,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$17,063
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 8	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$17,063

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Power Sector Transformation (PST)

Calculation of Fiscal Year 2020 Net Deferred Tax Reserve Electric Proration Synergy Grid Mod - Feeder Monitoring Sensors Electric

				(a)= Column (b)	(b)	
Line				m . 1	Vintage Year	
No.	Deferred Tax Subject to Proration	D 2 C10 I	14 7: 15	Total	March 31, 2020	
1	Book Depreciation	Page 2 of 10, Line		\$6,575	\$6,575	
2	Bonus Depreciation	Page 3 of 10		\$0	\$0	
3	Remaining MACRS Tax Depreciation	Page 3 of 10		(\$17,063)		
4	FY20 tax (gain)/loss on retirements	Page 3 of 10		\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lines	through 4	(\$10,488)		
6	Effective Tax Rate			21.00%	21.00%	
7	Deferred Tax Reserve	Line 5 * 1	Line 6	(\$2,203)	(\$2,203)	
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 3 of 10), Line 3	\$0	\$0	
9	Cost of Removal	Page 3 of 10	Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + Line 9	+ Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 11 * 1	Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7 + I	ine 13	(\$2,203)	(\$2,203)	
15	Net Operating Loss	Page 2 of 10	Line 23	\$0	\$0	
16	Net Deferred Tax Reserve	Line 14 + 1	Line 15	(\$2,203)	(\$2,203)	
	Allocation of FY 2020 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) =	Line 5	(\$10,488)	(\$10,488)	
18	Cumulative Book/Tax Timer Not Subject to Proration	Line		\$0	\$0	
19	Total Cumulative Book/Tax Timer	Line 17 + 1		(\$10,488)	(\$10,488)	
1)	Total Cumulative Book Tax Times	Line 17 11	anc 10	(\$10,400)	(\$10,400)	
20	Total FY 2020 Federal NOL	Page 2 of 10, Li	ne 23 / 21%	\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / Line 1	9) * Line 20	\$0	\$0	
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / Line 1	9) * Line 20	\$0	\$0	
23	Effective Tax Rate	Per Tax Depa	rtment	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 22 * 1	Line 23	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line 7 + I	ine 24	(\$2,203)	(\$2,203)	
	J	0			* * * *	
		(i)	(j)			
		Number of Days in			_	
	Proration Calculation		Proration Percentage	(k)= Sum of (l)	(1)	
26	April 2019	30	91.78%	(\$168)	** *	
27	May 2019	31	83.29%	(\$153)		
28	June 2019	30	75.07%	(\$138)		
29	July 2019	31	66.58%	(\$122)		
30	August 2019	31	58.08%	(\$107)		
31	September 2019	30	49.86%	(\$92)		
32	October 2019	31	41.37%	(\$76)		
33	November 2019	30	33.15%	(\$61)		
34	December 2019	31	24.66%	(\$45)	* * *	
35	January 2020	31	16.16%	(\$30)		
36	February 2020	28	8.49%	(\$16)		
37	March 2020	31	0.00%	\$0	\$0	
38	Total	365		(\$1,007)	(\$1,007)	
39	Deferred Tax Without Proration	Line 2	25	(\$2,203)	(\$2,203)	
40	Proration Adjustment	Line 38 - I	Line 39	\$1,196	\$1,196	

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve Electric Proration Synergy Grid Mod - Feeder Monitoring Sensors Electric

(a)=Sum of (b) through (c) (b) (c) Vintage Year Vintage Year March 31, 2021 March 31, 2020 Line Total **Deferred Tax Subject to Proration** No. Col (b) = Page 4 of 10, Line 14 + Line 17; Col 1 Book Depreciation (c) = Page 2 of 10, Line 14 + Line 17 \$17,904 \$4,755 \$13,150 Page 5 of 10, Line 12 2 Bonus Depreciation \$0 Col (b) = Page 5 of 10, Line 18 ;Col (c) = Page 3 Remaining MACRS Tax Depreciation 3 of 10, Line 18 (\$49,909) (\$17,063) (\$32,846) Col (b) = Page 5 of 10, Line 19; Col (c) = Page 4 FY21 tax (gain)/loss on retirements 3 of 10. Line 19 \$0 \$0 \$0 Cumulative Book / Tax Timer Sum of Lines 1 through 4 (\$32,005) (\$12,308) (\$19,697) Effective Tax Rate Per Tax Department 21.00% 21.00% 21.00% 6 Deferred Tax Reserve Line 5 * Line 6 (\$6,721) (\$2,585) (\$4,136) Deferred Tax Not Subject to Proration Page 7 of 10, Line 3 8 Capital Repairs Deduction \$0 \$0 9 Cost of Removal Page 7 of 10, Line 20 \$0 \$0 10 Book/Tax Depreciation Timing Difference at 3/31/2021 \$0 \$0 11 Cumulative Book / Tax Timer Line 8 + Line 9 + Line 10 \$0 \$0 Effective Tax Rate 21.00% 21.00% 12 Deferred Tax Reserve Line 11 * Line 12 13 \$0 \$0 Total Deferred Tax Reserve Line 7 + Line 13 14 (\$6,721)(\$2,585)(\$4,136)15 Net Operating Loss Page 4 of 10, Line 23 \$0 16 Net Deferred Tax Reserve Line 14 + Line 15 (\$6,721) (\$2,585) (\$4,136) Allocation of FY 2021 Estimated Federal NOL 17 Cumulative Book/Tax Timer Subject to Proration Col(b) = Line 5(\$12,308) (\$12,308) Cumulative Book/Tax Timer Not Subject to Proration Line 11 18 Line 17 + Line 18 (\$12,308) (\$12,308) Total Cumulative Book/Tax Timer 19 20 Total FY 2021 Federal NOL Col (b) = Page 4 of 10, Line 23 / 21%\$0 \$0 21 Allocated FY 2021 Federal NOL Not Subject to Proration (Line 18 / Line 19) * Line 20 \$0 \$0 Allocated FY 2021 Federal NOL Subject to Proration (Line 17 / Line 19) * Line 20 22 \$0 \$0 23 Effective Tax Rate Per Tax Department 21.00% 21.00% Deferred Tax Benefit subject to proration Line 22 * Line 23 24 \$0 \$0 25 Net Deferred Tax Reserve subject to proration Line 7 + Line 24 (\$6,721) (\$2,585) (\$4,136) (i) Number of Days in (k)= Sum of (l)Proration Calculation Month Proration Percentage through (m) 26 April 2020 30 91.78% (\$514) (\$198) (\$316) 27 May 2020 31 83.29% (\$466) (\$179) (\$287) (\$259) June 2020 75.07% (\$420) 28 30 (\$162) 29 July 2020 31 66.58% (\$373) (\$143) (\$229) 30 August 2020 58.08% (\$325) (\$125) (\$200) 31 September 2020 49.86% (\$279) (\$172) 30 (\$107) 31 October 2020 41 37% 32 31 (\$232)(\$89) (\$143)33 November 2020 30 33.15% (\$186) (\$71) (\$114) 34 December 2020 31 24.66% (\$138) (\$53) (\$85) 35 January 2021 31 16.16% (\$91) (\$35) (\$56) February 2021 28 (\$29) 36 8.49% (\$48) (\$18) 37 March 2021 31 0.00% \$0 \$0 \$0 (\$1,181) Total 365 (\$3,072) (\$1.891) 38 39 Deferred Tax Without Proration Line 25 (\$6,721) (\$2,585)(\$4,136) 40 Proration Adjustment Line 38 - Line 39 \$3,649 \$1,403 \$2,246

⁽j) Sum of remaining days in the year (Col (i)) \div 365

⁽l) through (r) = Current Year Line 25 \div 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Fiscal Year 2022 Net Deferred Tax Reserve Electric Proration ${\bf Synergy\ Grid\ Mod\ -\ Feeder\ Monitoring\ Sensors\ Electric}$

		s,g,		(a)=Sum of (b) through (d)	(b) Vintage Year	(c) Vintage Year	(d) Vintage Year
Line	D. 17 G. 1			Total	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1 2	Book Depreciation Bonus Depreciation	Col(c) = Page 4 o Col(d) = Page 2 o	f 10, Line 14 + Line 17; f 10, Line 14 + Line 17; of 10, Line 14 + Line 17 of 10, Line 12	\$32,874 \$0	\$6,575 \$0	\$13,150	\$13,150
2	Bolius Depreciation	_		30	90		
3	Remaining MACRS Tax Depreciation	Page 5 of 10, Line 1	of 10, Line 18; Col (c) = 8; Col (d) = Page 3 of 10, Line 18	(\$80,289)	(\$17,063)	(\$32,846)	(\$30,380)
			of 10, Line 19; Col (c) =				
4	FY22 tax (gain)/loss on retirements		9; Col (d) = Page 3 of 10, ine 19	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer		nes 1 through 4	(\$47,415)	(\$10,488)	(\$19,697)	(\$17,231)
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		5 * Line 6	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7	of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 o	of 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0		
12 13	Effective Tax Rate Deferred Tax Reserve	Line 1	1 * Line 12	21.00% \$0	21.00% \$0		
13	Deletted Tax Reserve	Line i	1 * Line 12	\$0	30		
14	Total Deferred Tax Reserve		7 + Line 13	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
15	Net Operating Loss		of 10, Line 23	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration		b) = Line 5	(\$10,488)	(\$10,488)		
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0	\$0		
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	(\$10,488)	(\$10,488)		
20	Total FY 2022 Federal NOL	Col (b) = Page 6	of 10, Line 23 / 21%	\$0	\$0		
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ine 19) * Line 20	\$0	\$0		
22	Allocated FY 2022 Federal NOL Subject to Proration		ine 19) * Line 20	\$0	\$0		
23 24	Effective Tax Rate		Department	21.00%	21.00%		
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0		
25	Net Deferred Tax Reserve subject to proration	Line ?	7 + Line 24	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021		30 91.78%	(\$762)	(\$168)	(\$316)	(\$277)
27	May 2021		31 83.29%	(\$691)	(\$153)	(\$287)	(\$251)
28 29	June 2021 July 2021		30 75.07% 31 66.58%	(\$623)	(\$138)	(\$259)	(\$226) (\$201)
30	August 2021		31 66.58% 31 58.08%	(\$552) (\$482)	(\$122) (\$107)	(\$229) (\$200)	(\$201)
31	September 2021		30 49.86%	(\$414)	(\$92)	(\$172)	(\$150)
32	October 2021		31 41.37%	(\$343)	(\$76)	(\$143)	(\$125)
33	November 2021		30 33.15%	(\$275)	(\$61)	(\$114)	(\$100)
34	December 2021		31 24.66%	(\$205)	(\$45)	(\$85)	(\$74)
35	January 2022		31 16.16%	(\$134)	(\$30)	(\$56)	(\$49)
36	February 2022		28 8.49%	(\$70)	(\$16)	(\$29)	(\$26)
37 38	March 2022 Total		31 0.00% 65	\$0 (\$4,551)	\$0 (\$1,007)	\$0 (\$1,891)	(\$1,654)
30	Total	31	05	(\$4,331)	(\$1,007)	(\$1,691)	(\$1,034)
39	Deferred Tax Without Proration		ine 25	(\$9,957)	(\$2,203)	(\$4,136)	(\$3,618)
40	Proration Adjustment	Line 3	88 - Line 39	\$5,406	\$1,196	\$2,246	\$1,965

Column Notes:

(j) Sum of remaining days in the year (Col (i)) ÷ 365
 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Grid Mod Synergy - GIS Data Enhancement (BR) Annual Revenue Requirement Summary

Line <u>No.</u>			Fiscal Year 2019 (a)	Fiscal Year 2020 (b)	Fiscal Year 2021 (c)	Fiscal Year 2022 (d)
	Operation and Maintenance (O&M) Expenses:					
1	GIS Data Enhancement (BR)		\$0	\$0	\$1,028,000	\$1,028,000
2	Total O&M costs	Sum of Line 1	\$0	\$0	\$1,028,000	\$1,028,000
3	Total Revenue Requirement		\$0	\$0	\$1,028,000	\$1,028,000

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The Narragansett Electric Company
d/b/a National Grid
Power Sector Transformation (PST)
Grid Mod Synergy - GIS Data Enhancement (IS)
Annual Revenue Requirement Summary

Line			Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
No.			<u>2019</u>	<u>2020</u>	<u>2021</u>	2022
			(a)	(b)	(c)	(d)
	Operation and Maintenance (O&M) Expenses:					
1	GIS Data Enhancement (IS)		\$427,000	\$0	\$0	\$0
2	Total O&M costs	Sum of Line 1	\$427,000	\$0	\$0	\$0
3	Total Revenue Requirement		\$427,000	\$0	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket No. 4770 Attachment DIV 19-8-2 Page 1 of 10

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - PI Historian Annual Revenue Requirement Summary

Line <u>No.</u>			Fiscal Yea March 3		al Year Ending arch 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		Year Ending rch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:								
1	System Data Portal		\$	-	\$ -	\$	-	\$	-
2	Feeder Monitoring Sensors		\$	-	\$ -	\$	-	\$	-
3	RTU Separation		\$	-	\$ -	\$	-	\$	-
4	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$ -	\$	-	\$	-
6	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$ -	\$	-	\$	-
8	Data Lake		\$	-	\$ -	\$	-	\$	-
9	PI Historian		\$	-	\$ 8,423	\$	333,669	\$	333,669
10	Advanced Analytics		\$	-	\$ -	\$	-	\$	-
11	Telecommunications		\$	-	\$ -	\$	-	\$	-
12	Cybersecurity		\$	-	\$ -	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$ 8,423	\$	333,669	\$	333,669
	Gas Operation and Maintenance (O&M) Expenses:								
14	DSCADA & ADMS		\$	-	\$ -	\$	-	\$	-
15	GIS Data Enhancement		\$	-	\$ -	\$	-	\$	-
16	Enterprise Service Bus		\$	-	\$ -	\$	-	\$	-
17	Data Lake		\$	-	\$ -	\$	-	\$	-
18	PI Historian		\$	-	\$ 4,577	\$	181,332	\$	181,332
19	Advanced Analytics		\$	-	\$ -	\$	-	\$	-
20	Telecommunications		\$	-	\$ -	\$	-	\$	-
21	Cybersecurity		\$	-	\$ -	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$ 4,577	\$	181,332	\$	181,332
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$ 13,000	\$	515,000	\$	515,000
24	Electric Capital Investment:								
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$7,985		\$15,240		\$14,094
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27		-	\$7,985		\$15,240		\$14,094
29	Gas Capital Investment:								
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment				\$4,340		\$8,282		\$7,659
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment						\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment								\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-	\$4,340		\$8,282		\$7,659
34	Total Electric Revenue Requirement	Line 13 + Line 28		-	\$16,408		\$348,909		\$347,763
35	Total Gas Revenue Requirement	Line 22 + Line 33		-	\$8,917		\$189,614		\$188,991
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35			\$ 25,325	ŝ	538,522	ŝ	536,753
	*** *** **** **** **** **** **** **** ****				 .,,,,,,	_	,		,

THE NARRAGANSETT ELECTRIC COMPANY
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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - PI Historian IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		.,		.,
1	PI Historian		\$113,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$113,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$113,000	\$0	\$0
4	Retirements	Line 4 * 0%	\$0	\$0	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$113,000	\$113,000	\$113,000
	Change in Net Capital Included in Rate Base				
6	Capital Included in Rate Base	Line 2	\$113,000	\$0	\$0
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$113,000	\$113,000	\$113,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$94,166	\$12,557	\$4,184
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$94,166	\$106,723	\$110,907
	Book Depreciation				
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%	14.29%
13	Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	\$8,071	\$16,143	\$16,143
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$8,071	\$24,214	\$40,357
15	Total Cumulative Book Depreciation	Line 14	\$8,071	\$24,214	\$40,357
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$86,095	\$82,509	\$70,550
17	Effective Tax Rate	** *****	21.00%	21.00%	21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$18,080	\$17,327	\$14,815
19	Less: FY 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	\$0	\$0	\$0
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$9,816)	\$409	\$1,363
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$8,264	\$17,736	\$16,179
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$113,000	\$113,000	\$113,000
23	Accumulated Depreciation	- Line 15	(\$8,071)	(\$24,214)	(\$40,357)
24	Deferred Tax Reserve	- Line 21	(\$8,264)	(\$17,736)	(\$16,179)
25	Year End Rate Base	Sum of Lines 22 through 24	\$96,665	\$71,050	\$56,464
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line 25 \div 2; Column (b and c) = (Prior Year Line 25 + Current Year Line 25) \div 2	\$48,332.34	\$83,857	\$63,757
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$4,253	\$7,379	\$5,611
29	Book Depreciation	Line 13	\$8,071	\$16,143	\$16,143
30	Annual Revenue Requirement	Line 28 + Line 29	\$12,325	\$23,522	\$21,753

1/	Weighted Average Cost of	Capital as file in R.I.	P.U.C. Docket No. 4	770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - PI Historian IS

Line No.	Capital Repairs Deduction		Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
1	Plant Additions	Page 2 of 10, Line 2	\$113,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction Capital Repairs Deduction	Line 1 * Line 2	\$0		
3	Capital Repails Deduction	Lille 1 · Lille 2	30		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$113,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$113,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$113,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$84,750		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$113,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$84,750		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$28,250	\$28,250	\$28,250
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$9,416	\$12,557	\$4,184
	5 · · · · · · · · · · · · · · · · · · ·			, ,	. , .
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$94,166	\$12,557	\$4,184
			ψ> 1,100	Ψ12,00°	ψ1,101

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - PI Historian IS

Line No.			Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment			()
1	PI Historian		\$0	
2	Total Estimated Capital Investment	Sum of Lines 1	\$0	\$0
	Depreciable Net Capital Included in Rate Base			
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0	\$0
4 5	Retirements Net Depreciable Capital Included in Rate Base	Line 4 * 0% Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$0	\$0 \$0
3		Column (a) – Line 3 – Line 4, Column (b and c) – 1161 fear Line 3	40	φο
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 2	\$0	\$0
7	Cost of Removal		\$0	\$0
			, -	
8	Total Net Plant in Service Including Cost of Removal	Line 5 + Line 7	\$0	\$0
	Tax Depreciation			
9	Vintage Year Tax Depreciation:			
10 11	FY 2021 Spend	Page 16 of 21, Line 21 Prior Year Line 11 + Current Year Line 10	\$0 \$0	\$0 \$0
11	Cumulative Tax Depreciation	Prior real Line 11 + Current real Line 10	\$0	\$0
	Book Depreciation			
12	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	14.29%	14.29%
13 14	Book Depreciation Cumulative Book Depreciation	Column (a) = Line 1 * Line 12 * 50%; Column (b) = Line 1 * Line 12 Prior Year Line 14 + Current Year Line 13	\$0 \$0	\$0 \$0
14	Cumulative Book Depreciation	That real line 14 + Current real line 15		·
15	Total Cumulative Book Depreciation	Line 14	\$0	\$0
	Deferred Tax Calculation:			
16	Cumulative Book / Tax Timer	Line 11 - Line 14	\$0	\$0
17 18	Effective Tax Rate Deferred Tax Reserve	Line 16 * Line 17	21.00%	21.00% \$0
19	Less: FY 2021 Federal NOL	Ente 10 Ente 17	\$0	\$0
20 21	Less: Proration Adjustment Net Deferred Tax Reserve	Col (a) = Page 9 of 10, Line 40; Col (b) = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0 \$0	\$0 \$0
21	Net Deletted Tax Reserve	Sum of Lines 16 through 20		40
	Rate Base Calculation:			
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0	\$0
23 24	Accumulated Depreciation Deferred Tax Reserve	- Line 15 - Line 21	\$0 \$0	\$0 \$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0	\$0 \$0
		Ç	· · ·	·
	Revenue Requirement Calculation:			
		Column (a) = Current Year Line 25 ÷ 2; Column (b) = (Prior Year Line 25 +		
26	Average Rate Base	Current Year Line 25) ÷ 2 Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770,	\$0.00	\$0
27	Pre-Tax ROR	Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper MAL-6	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0	\$0
29	Book Depreciation	Line 13	\$0	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0	\$0
	•			

1/	Weighted Average	Cost of Capital as f	file in R.I.P.U.C	Docket No. 4770.	Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY ${\rm d/b/a\ NATIONAL\ GRID}$

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - PI Historian IS

			Fiscal Year Ending	
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 2	\$0	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$0	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$0	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0	\$0
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 7	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$0	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - PI Historian IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		.,
1	PI Historian		\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$0
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$0
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$0
	Change in Net Capital Included in Rate Base		
6	Capital Included in Rate Base	Line 2	\$0
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$0
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$0
11	Cumulative Tax Depreciation	Current Year Line 10	\$0
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$0
14	Cumulative Book Depreciation	Current Year Line 13	\$0
15	Total Cumulative Book Depreciation	Line 14	\$0
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$0
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$0
19 20	Less: FY 2022 Federal NOL Less: Proration Adjustment	C-1 P 10 -f 10 I i 40	\$0 \$0
21	Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	\$0
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$0
23	Accumulated Depreciation	- Line 15	\$0
24	Deferred Tax Reserve	- Line 21	\$0
25	Year End Rate Base	Sum of Lines 22 through 24	\$0
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$0.00
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$0
29	Book Depreciation	Line 13	\$0
30	Annual Revenue Requirement	Line 28 + Line 29	\$0

1/ Weighted Average	Cost of Capital as file i	n R.I.P.U.C. Docket No	. 4770, Schedule MAL-6

	Ratio	Kate	Kate	1 axes	Keturn
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - PI Historian IS

Line			Fiscal Year Ending March 31, 2022
No.			(a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 2	\$0
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$0
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$0
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$0
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$0
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$0
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$0
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$0

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - PI Historian IS

Line				(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration			<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 or	f 10, Line 13	\$8,071	\$8,071
2	Bonus Depreciation	Page 3 of	10, - Line 12	(\$84,750)	(\$84,750)
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18	(\$9,416)	(\$9,416)
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	es 1 through 4	(\$86,095)	(\$86,095)
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	5 * Line 6	(\$18,080)	(\$18,080)
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + Li	ne 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13	(\$18,080)	
15	Net Operating Loss	-	f 10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	+ Line 15	(\$18,080)	(\$18,080)
	Allocation of FY 2020 Estimated Federal NOL				
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5	(\$86,095)	(\$86,095)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11		\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		(\$86,095)	(\$86,095)
20	Total FY 2020 Federal NOL	Page 2 of 10, Line 19 / 21%		\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$18,080)	(\$18,080)
		(i)	(j)		
		Number of Days in			
	Proration Calculation	<u>Month</u>	Proration Percentage	(k)= Sum of (1)	(1)
26	April 2019	30	91.78%	(\$1,383)	
27	May 2019	31	83.29%	(\$1,255)	
28	June 2019	30	75.07%	(\$1,131)	
29	July 2019	31	66.58%	(\$1,003)	
30	August 2019	31	58.08%	(\$875)	
31	September 2019	30	49.86%	(\$751)	(\$751)
32	October 2019	31	41.37%	(\$623)	
33	November 2019	30	33.15%	(\$499)	
34	December 2019	31	24.66%	(\$372)	
35	January 2020	31	16.16%	(\$244)	(\$244)
36	February 2020	28	8.49%	(\$128)	
37	March 2020	31	0.00%	\$0	\$0
38	Total	365		(\$8,264)	(\$8,264)
39	Deferred Tax Without Proration	Li	ne 25	(\$18,080)	(\$18,080)
40	Proration Adjustment	Line 3	8 - Line 39	\$9,816	\$9,816

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - PI Historian IS

		Syllergy Grid N	iou - 11 mistorian 15			
				(a)=Sum of (b) through (c)	(b) Vintage Year	(c) Vintage Year
Line				<u>Total</u>	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration	G 14) P 4 614	N. 12 C.I.() D. 2			
1	Book Depreciation	Col (b) = Page 4 of 10, Line 13; Col (c) = Page 2 of 10, Line 13		\$16,143	\$0	\$16,143
2	Bonus Depreciation		of 10, Line 12	\$0	\$0	\$10,110
3	Remaining MACRS Tax Depreciation), Line 18; Col (c) = Page 3			
	Termining in texts full september		0, Line 18	(\$12,557)	\$0	(\$12,557)
	EVALUE (a dia) (la companion de la companion d	Col (b) = Page 5 of 10, Line 19; Col (c) = Page 3 of 10, Line 19		60	\$0	
4 5	FY21 tax (gain)/loss on retirements Cumulative Book / Tax Timer		nes 1 through 4	\$0 \$3,586	\$0 \$0	\$3,586
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6	\$753	\$0	\$753
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0	
9	Cost of Removal	Page 5	of 10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021 Cumulative Book / Tax Timer	T ! 0 . T	in . 0 . I in . 10	\$0 \$0	\$0 \$0	
11 12	Effective Tax Rate	Line 8 + I	ine 9 + Line 10	21.00%	21.00%	
13	Deferred Tax Reserve	Line 11 * Line 12		\$0	\$0	
14	Total Deferred Tax Reserve	Line '	7 + Line 13	\$753	\$0	\$753
	Total Belefied Tall Reserve), Line 19; Col (c) = Page 2	Ψ/33	40	4755
15	Net Operating Loss		0, Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15		\$753	\$0	\$753
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$3,586	\$0	\$3,586
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11		\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18	\$3,586	\$0	\$3,586
), Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL		ine 19 / 21%	\$0	\$0	\$0
21 22	Allocated FY 2021 Federal NOL Not Subject to Proration Allocated FY 2021 Federal NOL Subject to Proration	of 10, Line 19 / 21% (Line 18 / Line 19) * Line 20 (Line 17 / Line 19) * Line 20		\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate	(Line 17 / Line 19) * Line 20		21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24		\$753	\$0	\$753
		(i)	(j)			
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(1)	(m)
26	April 2020	30		\$58	\$0	\$58
27	May 2020	31		\$52	\$0	\$52
28 29	June 2020 July 2020	30 31		\$47 \$42	\$0 \$0	\$47 \$42
30	August 2020	31		\$42 \$36	\$0 \$0	\$42 \$36
31	September 2020	30		\$31	\$0 \$0	\$31
32	October 2020	31		\$26	\$0	\$26
33	November 2020	30		\$21	\$0	\$21
34	December 2020	31		\$15	\$0	\$15
35 36	January 2021 February 2021	31		\$10 \$5	\$0 \$0	\$10 \$5
37	March 2021	31		\$3 \$0	\$0 \$0	\$0 \$0
38	Total	365		\$344	\$0	\$344
39	Deferred Tax Without Proration	I	ine 25	\$753	\$0	\$753
40	Proration Adjustment	Line 38 - Line 39		(\$409)	\$0	(\$409)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - PI Historian IS

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation	Col (b) = Page 6 of 10, Line 13; Col (c) = Page 4 of 10, Line 13; Col (d) = Page 2 of 10, Line					
2	n n n	D 7	13	\$16,143	\$0	\$0	\$16,143
2	Bonus Depreciation		f 10, Line 12	\$0	\$0		
3	Remaining MACRS Tax Depreciation), Line 18; Col (c) = Page (d) = Page 3 of 10, Line				
3	Remaining WireRo Tax Depreciation	3 01 10, Line 10, Co.	18	(\$4,184)	\$0	\$0	(\$4,184)
		C-1(b) P 7 - 616		(ψ1,101)	Ψ0	40	(01,101)
), Line 19; Col (c) = Page (d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements	3 01 10, Line 17, Co.	19	\$0	\$0		
5	Cumulative Book / Tax Timer	Sum of Li	nes 1 through 4	\$11,959	\$0	\$0	\$11,959
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6	\$2,511	\$0	\$0	\$2,511
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 o	f 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022	Y: 0 Y		\$0	\$0		
11 12	Cumulative Book / Tax Timer Effective Tax Rate	Line 8 + L	ine 9 + Line 10	\$0 21.00%	\$0 21.00%		
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0		
13	Deferred Tax Reserve	Line i	1 · Line 12	\$0	50		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$2,511	\$0	\$0	\$2,511
				7-,	7.	7.0	7-,
		Col (b) = Page 6 of 10), Line 19; Col (c) = Page				
15	Net Operating Loss		(c) = Page 2 of 10, Line 19	\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve		4 + Line 15	\$2,511	\$0	\$0	\$2,511
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5	\$11,959	\$0	\$0	\$11,959
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11		\$0	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18		\$11,959	\$0	\$0	\$11,959
), Line 19; Col (c) = Page				
20	T. (1 FV 2022 F. 1 1 NOI		(c) = Page 2 of 10, Line 19	eo.	¢o.	¢o.	60
20 21	Total FY 2022 Federal NOL Allocated FY 2022 Federal NOL Not Subject to Proration		21%	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 18 / Line 19) * Line 20 (Line 17 / Line 19) * Line 20		\$0	\$0 \$0	\$0 \$0	\$0 \$0
23	Effective Tax Rate			21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Per Tax Department Line 22 * Line 23		\$0	\$0	\$0	\$0
	, ,	Line 22 * Line 23					
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24		\$2,511	\$0	\$0	\$2,511
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30	91.78%	\$192	\$0	\$0	\$192
27	May 2021	31	83.29%	\$174	\$0	\$0	\$174
28	June 2021	30		\$157	\$0	\$0	\$157
29	July 2021	31	66.58%	\$139	\$0	\$0	\$139
30	August 2021	31	58.08%	\$122	\$0	\$0	\$122
31	September 2021	30	49.86%	\$104	\$0	\$0	\$104
32	October 2021	31	41.37%	\$87	\$0 \$0	\$0 \$0	\$87
33 34	November 2021 December 2021	30 31	33.15% 24.66%	\$69 \$52	\$0 \$0	\$0 \$0	\$69 \$52
35	January 2022	31	24.66% 16.16%	\$34 \$34	\$0 \$0	\$0 \$0	\$32 \$34
36	February 2022	28	8.49%	\$18	\$0 \$0	\$0 \$0	\$18
37	March 2022	31	0.00%	\$0	\$0 \$0	\$0 \$0	\$0
38	Total	365	5.0070	\$1,148	\$0	\$0	\$1,148
				. , .			
39	Deferred Tax Without Proration	L	ine 25	\$2,511	\$0	\$0	\$2,511
40	Proration Adjustment	Line 3	8 - Line 39	(\$1,363)	\$0	\$0	(\$1,363)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - RTU Separation Annual Revenue Requirement Summary

Line No.			March	ear Ending 31, 2019 a)		cal Year Ending Jarch 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		nl Year Ending arch 31, 2022 (d)
	Electric Operation and Maintenance (O&M) Expenses:									
1	System Data Portal		\$	-	\$	-	\$	-	\$	-
2	Feeder Monitoring Sensors		S		\$	-	\$	-	\$	-
3	RTU Separation		S		S	60,000	S	60,000		60,000
4	GIS Data Enhancement		S		\$	-	\$	-	\$	-
5	DSCADA & ADMS		S		\$		\$		s	
6	GIS Data Enhancement		s		\$		\$		S	
7	Enterprise Service Bus		s		\$		\$		\$	
8	Data Lake		s		\$		\$		S	
9	PI Historian		s		\$		\$		\$	
10	Advanced Analytics		S		\$		\$		S	
11	Telecommunications		S		\$		\$		S	
12	Cybersecurity		S	-	\$	_	\$	_	\$	_
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$		\$	60,000		60,000	\$	60,000
13	Total Electric Occid costs	Sum of Lines 1 through 12	φ		φ	00,000	φ	00,000	ą.	00,000
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		s		\$		\$		\$	
15	GIS Data Enhancement		S	-	\$	-	\$	-	\$	-
			5 S	-	\$	-	\$	-	s S	-
16	Enterprise Service Bus		s s	-	-	-	-	-		-
17	Data Lake		S	-	\$ \$	-	\$ \$	-	\$	-
18	PI Historian		3	-	\$	-		-	\$	-
19	Advanced Analytics		\$	-	-	-	\$	-	\$	-
20	Telecommunications		\$	-	\$	-	\$	-	\$	-
21	Cybersecurity		\$	-	\$	-	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	-	\$	-	\$	-
23	Total O&M Expenses	Line 13 + Line 22	\$		\$	60,000	\$	60,000	\$	60,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$30,709		\$78,797		\$77,291
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$51,182		\$131,328
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$10,236
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27		-		\$30,709		\$129,979		\$218,855
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$0		\$0		\$0
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$0		\$0
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$0
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-		\$0		\$0		\$0
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$90,709		\$189,979		\$278,855
35	Total Gas Revenue Requirement	Line 22 + Line 33		-		\$0		\$0		\$0
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35			\$	90,709	s	189,979	s	278,855
20						70,707	-	10,0,7	-	270,000

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - RTU Separation Electric

Line No.			Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
10.			(a)	(b)	(c)
	Estimated Capital Investment		(-)	(-)	(-)
1	Feeder Monitor Sensors		\$0	\$0	\$0
2	RTU Separation		\$570,000	\$0	\$0
3	Total Estimated Capital Investment	Line 1 + Line 2	\$570,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$570,000	\$0	\$0
5	Retirements	Line 4 * 0%	\$0	\$0	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b and c) = Prior Year Line 6	\$570,000	\$570,000	\$570,000
-	Change in Net Capital Included in Rate Base	Y: 0	6570.000	\$0	do.
7	Capital Included in Rate Base	Line 3	\$570,000	20	\$0
8	Cost of Removal		\$0	\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$570,000	\$570,000	\$570,000
	Tax Depreciation				
10	Vintage Year Tax Depreciation:				
11	FY 2020 Spend	Page 3 of 10, Line 21	\$21,375	\$41,148	\$38,059
12	Cumulative Tax Depreciation	Prior Year Line 12 + Current Year Line 11	\$21,375	\$62,523	\$100,582
	Book Depreciation				
13	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.89%	2.89%	2.89%
14	Book Depreciation	Column (a) = Line 1 * Line 13 * 50%; Column (b and c) = Line 1 * Line 13 Prior Year Line 15 + Current Year Line 14	\$0 \$0	\$0 \$0	\$0 \$0
15	Cumulative Book Depreciation	Prior Fear Line 15 + Current Fear Line 14	\$0	20	20
16	Composite Book Depreciation Rate	As filed per R.I.P.U.C. Docket No. 4770	2.09%	2.09%	2.09%
17	Book Depreciation	Column (a) = Line $2 * Line 16 * 50\%$; Column (b and c) = Line $2 * Line 16$	\$5,957	\$11,913	\$11,913
18	Cumulative Book Depreciation	Prior Year Line 18 + Current Year Line 17	\$5,957	\$17,870	\$29,783
19	Total Cumulative Book Depreciation	Line 18 + Line 15	\$5,957	\$17,870	\$29,783
	Deferred Tax Calculation:				
20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$15,419	\$44,654	\$70,800
21	Effective Tax Rate	** ****	21.00%	21.00%	21.00%
22 23	Deferred Tax Reserve Less: FY 2020 Federal NOL	Line 20 * Line 21	\$3,238 \$ -	\$9,377 \$	\$14,868
23	Less. F1 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c) = Page	-	-	3 -
24	Less: Proration Adjustment	10 of 10, Line 40	\$ (1,758)	\$ (3,333)	\$ (2,981)
25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$1,480	\$6,044	\$11,887
	Rate Base Calculation:				
26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 570,000	\$ 570,000	\$ 570,000
27	Accumulated Depreciation	- Line 19	(\$5,957)	(\$17,870)	(\$29,783)
28	Deferred Tax Reserve	- Line 25	(\$1,480)	(\$6,044)	(\$11,887)
29	Year End Rate Base	Sum of Lines 26 through 28	\$ 562,564	\$546,086	\$528,331
	Revenue Requirement Calculation:				
26	h	Column (a) = Current Year Line 29 ÷ 2; Column (b and c) = (Prior Year Line	#201 202	0551005	0505.000
30 31	Average Rate Base Pre-Tax ROR	29 + Current Year Line 39) ÷ 2	\$281,282 / 8.80%	\$554,325 8.80%	\$537,209
32	Return and Taxes	Line 30 * Line 31	\$24,753	\$48,781	8.80% \$47,274
33	Book Depreciation	Line 14 - Line 17	\$5,957	\$11.913	\$11,913
34	Property Taxes	Tax Rate 3.176% MAL-7 - Columns (b & c) Line 9 * 3.176%	\$0	\$18,103	\$18,103
35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$30,709	\$78,797	\$77,291
		*** · · · · · · · · · · · · · · · · · ·	,	,	·

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 Electric Capital Investments Synergy Grid Mod - RTU Separation Electric

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Capital Repairs Deduction				
1	Plant Additions	Page 2 of 10, Line 3	\$570,000		
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$570,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$570,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$570,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 0%	0.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$0		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$570,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$0		
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$570,000	\$570,000	\$570,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%	6.677%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$21,375	\$41,148	\$38,059
19	FY20 Loss incurred due to retirements	Per Tax Department	\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 8	\$0		
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$21,375	\$41,148	\$38,059

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - RTU Separation Electric

Line No.					Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
	Estimated Capital Investment				(a)	(b)
1	Feeder Monitor Sensors				\$0	
2	RTU Separation				\$950,000	
3	Total Estimated Capital Investment	Lin	e 1 + Line 2		\$950,000	\$0
	Depreciable Net Capital Included in Rate Base					
4	Total Allowed Capital Included in Rate Base in Current Year		Line 3		\$950,000	\$0
5	Retirements		ne 4 * 0%		\$0	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line	5; Column (b) = Prior	Year Line 6	\$950,000	\$950,000
_	Change in Net Capital Included in Rate Base					
7	Capital Included in Rate Base		Line 3		\$950,000	\$0
8	Cost of Removal				\$0	\$0
9	Total Net Plant in Service Including Cost of Removal	Lin	e 6 + Line 8		\$950,000	\$950,000
	Tax Depreciation					
10	Vintage Year Tax Depreciation:					
11	FY 2021 Spend		of 10, Line 21		\$35,625	\$68,581
12	Cumulative Tax Depreciation	Prior Year Line 1	2 + Current Year Line	11	\$35,625	\$104,206
	Book Depreciation					
13	Composite Book Depreciation Rate		P.U.C. Docket No. 477		2.89%	2.89%
14	Book Depreciation	Column (a) = Line 1 * Line 13			\$0	\$0
15	Cumulative Book Depreciation	Prior Year Line 1	5 + Current Year Line	14	\$0	\$0
16	Composite Book Depreciation Rate		P.U.C. Docket No. 477		2.09%	2.09%
17	Book Depreciation	Column (a) = Line 2 * Line 16			\$9,928	\$19,855
18	Cumulative Book Depreciation	Prior Year Line 1	8 + Current Year Line	17	\$9,928	\$29,783
19	Total Cumulative Book Depreciation	Line	18 + Line 15		\$9,928	\$29,783
	Deferred Tax Calculation:					
20	Cumulative Book / Tax Timer	Line	12 - Line 19		\$25,698	\$74,424
21	Effective Tax Rate				21.00%	21.00%
22 23	Deferred Tax Reserve	Line	20 * Line 21		\$5,396	\$15,629
23	Less: FY 2021 Federal NOL Less: Proration Adjustment	Col (a) = Page 9 of 10, Line	40: Col (b) - Page 10	of 10. Line 40.	\$0 (\$2,930)	\$0 (\$5,555)
25	Net Deferred Tax Reserve		nes 22 through 24	01 10, Ellic 40	\$2,467	\$10,074
	Pote Pose Coloulation					
26	Rate Base Calculation: Cumulative Incremental Capital Included in Rate Base		Line 9		\$ 950,000	\$950,000
27	Accumulated Depreciation		Line 19		(\$9,928)	(\$29,783)
28	Deferred Tax Reserve		Line 25		(\$2,467)	(\$10,074)
29	Year End Rate Base	Sum of Li	nes 26 through 28		\$ 937,606	\$910,144
	Revenue Requirement Calculation:					
	-	Column (a) = Current Year Line	29 ÷ 2; Column (b) = (1	Prior Year Line 29		
30	Average Rate Base	+ Current	Year Line 29) ÷ 2		\$468,802.95	\$923,875
31	Pre-Tax ROR			1/		8.80%
32	Return and Taxes		30 * Line 31		\$41,255	\$81,301
33	Book Depreciation		14 + Line 17	* 2.1760/	\$9,928	\$19,855
34	Property Taxes	Tax Rate 3.176% MAL-	/ - Columns (b) Line 9	* 3.170%	\$0	\$30,172
35	Annual Revenue Requirement	Sum	of Lines 32 through 3	4	\$51,182	\$131,328
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket		Pate	Data	Taxes	Daturn
	Long Term Debt	Ratio 48.47%	Rate 4.69%	2.27%	1 axes	Return 2.27%
	Short Term Debt	0.45%	1.76%	0.01%		0.01%
	Preferred Stock	0.11%	4.50%	0.00%		0.00%
	Common Equity	50.97% 100.00%	10.10%	5.15% 7.43%	1.37%	6.52% 8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 Electric Capital Investments Synergy Grid Mod - RTU Separation Electric

			Fiscal Year Ending	Fiscal Year Ending
Line			March 31, 2021	March 31, 2022
No.			(a)	(b)
	Capital Repairs Deduction			
1	Plant Additions	Page 4 of 10, Line 3	\$950,000	
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%	
3	Capital Repairs Deduction	Line 1 * Line 2	\$0	
	Bonus Depreciation			
4	Plant Additions	Line 1	\$950,000	
5	Less Capital Repairs Deduction	Line 3	\$0	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$950,000	
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$950,000	
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%	
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%	
12	Bonus Depreciation	Line 8 * Line 11	\$0	
	Remaining Tax Depreciation			
13	Plant Additions	Line 1	\$950,000	
14	Less Capital Repairs Deduction	Line 3	\$0	
15	Less Bonus Depreciation	Line 12	\$0	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$950,000	\$950,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	7.219%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$35,625	\$68,581
19	FY21 Loss incurred due to retirements	Per Tax Department	\$0	\$0
20	Cost of Removal	Page 4 of 10, Line 8	\$0	\$0
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19, and 20	\$35,625	\$68,581

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated Electric Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - RTU Separation Electric

Septemble Sept	Line			Fiscal Year Ending
Feeder Monitor Senors	No.			March 31, 2022
RTU Separation S190,000		Estimated Capital Investment		(a)
RTU Separation S190,000	1	Feeder Monitor Sensors		\$0
Depreciable Net Capital Included in Rate Base Total Allowed Capital Included in Rate Base in Current Year Line 3 \$190,000				
Total Allowed Capital Included in Rate Base in Current Year Line 4 * 0% S0	3	Total Estimated Capital Investment	Line 1 + Line 2	\$190,000
Section		Depreciable Net Capital Included in Rate Base		
Net Depreciable Capital Included in Rate Base Line 3 S190,000				\$190,000
Change in Net Capital Included in Rate Base				
Capital Included in Rate Base	6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5	\$190,000
Solution Solution		Change in Net Capital Included in Rate Base		
Total Net Plant in Service Including Cost of Removal Line 6 + Line 8 \$190,000	7	Capital Included in Rate Base	Line 3	\$190,000
Tax Depreciation 10 Virtage Year Tax Depreciation: Page 7 of 10, Line 21 \$7,125 12 Cumulative Tax Depreciation Prior Year Line 12 + Current Year Line 13 \$7,125 12 Cumulative Tax Depreciation Prior Year Line 12 + Current Year Line 13 \$7,125 13 Composite Book Depreciation 2.89% 14 Book Depreciation Column (a) = Line 1* Line 18* 50% \$0 15 Cumulative Book Depreciation Current Year Line 14 \$0 16 Composite Book Depreciation Rate As approved per R.I.P.U.C. Docket No. 4770 2.09% 16 Composite Book Depreciation Rate As approved per R.I.P.U.C. Docket No. 4770 2.09% 17 Book Depreciation Current Year Line 14 \$0 18 Cumulative Book Depreciation Current Year Line 16 \$1,986 19 Total Cumulative Book Depreciation Line 15 + Line 18 \$1,986 19 Total Cumulative Book Perceiation Line 15 + Line 19 \$5,140 20 Cumulative Book / Tax Timer Line 12 - Line 19 \$5,140 21	8	Cost of Removal		\$0
Vintage Year Tax Depreciation: FY 2022 Spend	9	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$190,000
Vintage Year Tax Depreciation: FY 2022 Spend		Tax Depreciation		
Page 7 of 10, Line 21	10			
Prior Year Line 12 + Current Year Line 13 S7,125			Page 7 of 10 Line 21	\$7 125
Book Depreciation Composite Book Depreciation Rate		1		,
Composite Book Depreciation Rate				+-,
Book Depreciation				
Cumulative Book Depreciation Rate				
16 Composite Book Depreciation Rate As approved per R.I.P.U.C. Docket No. 4770 2.09% 17 Book Depreciation Column (a) = Line 2* Line 16 * 50% \$1,986 18 Cumulative Book Depreciation Line 15 + Line 18 \$1,986 19 Total Cumulative Book Depreciation Line 15 + Line 18 \$1,986 20 Cumulative Book / Tax Timer Line 12 - Line 19 \$5,140 21 Effective Tax Rate 21,00% 22 Deferred Tax Reserve Line 20 * Line 21 \$1,079 23 Less: FY 2022 Federal NOL \$0 24 Less: Proration Adjustment Col (a) = Page 10 of 10, Line 40 (\$586) 25 Not Deferred Tax Reserve Sum of Lines 22 through 24 \$493 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR		*	* *	
17 Book Depreciation Column (a) = Line 2* Line 16 * 50% \$1,986 18 Cumulative Book Depreciation Current Year Line 16 \$1,986 19 Total Cumulative Book Depreciation Line 15 + Line 18 \$1,986 20 Cumulative Book / Tax Timer Line 12 - Line 19 \$5,140 21 Effective Tax Rate 21,00% 22 Deferred Tax Reserve Line 20 * Line 21 \$1,079 23 Less: FY 2022 Federal NOL \$0 24 Less: Proration Adjustment Col (a) = Page 10 of 10, Line 40 \$5806 25 Net Deferred Tax Reserve Sum of Lines 22 through 24 \$493 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$190,000 27 Accumulated Depreciation - Line 19 \$1,986 28 Deferred Tax Reserve Sum of Lines 26 through 28 \$187,521 29 Year End Rate Base Sum of Lines 26 through 28 \$187,521 20 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1	15	Cumulative Book Depreciation	Current Year Line 14	\$0
Total Cumulative Book Depreciation	16	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	2.09%
Deferred Tax Calculation: 20	17	Book Depreciation	Column (a) = Line 2* Line 16 * 50%	\$1,986
Deferred Tax Calculation: 20	18	Cumulative Book Depreciation	Current Year Line 16	\$1,986
Cumulative Book / Tax Timer	19	Total Cumulative Book Depreciation	Line 15 + Line 18	\$1,986
21 Effective Tax Rate 21.00% 22 Deferred Tax Reserve Line 20 * Line 21 \$1,079 23 Less: FY 2022 Federal NOL \$0 24 Less: Proration Adjustment Col (a) = Page 10 of 10, Line 40 (\$586) 25 Net Deferred Tax Reserve Sum of Lines 22 through 24 \$493 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0		Deferred Tax Calculation:		
22 Deferred Tax Reserve Line 20 * Line 21 \$1,079 23 Less: FY 2022 Federal NOL \$0 24 Less: Proration Adjustment Col (a) = Page 10 of 10, Line 40 (\$586) 25 Net Deferred Tax Reserve Sum of Lines 22 through 24 \$493 Eate Base Calculation: Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	20	Cumulative Book / Tax Timer	Line 12 - Line 19	\$5,140
23 Less: FY 2022 Federal NOL \$0 24 Less: Proration Adjustment \$Col (a) = Page 10 of 10, Line 40 \$(\$5586) 25 Net Deferred Tax Reserve \$Sum of Lines 22 through 24 \$493 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$190,000 27 Accumulated Depreciation - Line 19 \$(\$1,986) 28 Deferred Tax Reserve - Line 25 \$(\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	21	Effective Tax Rate		21.00%
24 Less: Proration Adjustment Col (a) = Page 10 of 10, Line 40 (S586) 25 Net Deferred Tax Reserve Sum of Lines 22 through 24 \$493 Easte Base Calculation:		Deferred Tax Reserve	Line 20 * Line 21	\$1,079
Rate Base Calculation: Sum of Lines 22 through 24 \$493 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 Revenue Requirement Calculation: 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0				
Rate Base Calculation: 26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0				
26 Cumulative Incremental Capital Included in Rate Base Line 9 \$ 190,000 27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 Revenue Requirement Calculation: 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	25	Net Deferred Tax Reserve	Sum of Lines 22 through 24	\$493
27 Accumulated Depreciation - Line 19 (\$1,986) 28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0		Rate Base Calculation:		
28 Deferred Tax Reserve - Line 25 (\$493) 29 Year End Rate Base Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	26	Cumulative Incremental Capital Included in Rate Base	Line 9	\$ 190,000
Revenue Requirement Calculation: Sum of Lines 26 through 28 \$ 187,521 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	27	Accumulated Depreciation		(\$1,986)
Revenue Requirement Calculation: 30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0				(, /
30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	29	Year End Rate Base	Sum of Lines 26 through 28	\$ 187,521
30 Average Rate Base Column (a) = Current Year Line 29 ÷ 2 \$93,761 31 Pre-Tax ROR 1/ 8.80% 32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0		Revenue Requirement Calculation:		
32 Return and Taxes Line 30 * Line 31 \$8,251 33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	30	Average Rate Base	Column (a) = Current Year Line 29 ÷ 2	\$93,761
33 Book Depreciation Line 14 + Line 17 \$1,986 34 Property Taxes Tax Rate 3.176% MAL-7 \$0	31	Pre-Tax ROR		1/ 8.80%
Property Taxes Tax Rate 3.176% MAL-7 \$0		Return and Taxes		, .
		*		
35 Annual Revenue Requirement Sum of Lines 32 through 34 \$10,236	34	Property Taxes	Tax Rate 3.176% MAL-7	\$0
	35	Annual Revenue Requirement	Sum of Lines 32 through 34	\$10,236

1/ Weighted Average	Cost of Capital as	file in R I P II C	Docket No. 4770	Schedule MAL-1-ELEC

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	48.47%	4.69%	2.27%		2.27%
Short Term Debt	0.45%	1.76%	0.01%		0.01%
Preferred Stock	0.11%	4.50%	0.00%		0.00%
Common Equity	50.97%	10.10%	5.15%	1.37%	6.52%
	100.00%		7.43%	1.37%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 Electric Capital Investments Synergy Grid Mod - RTU Separation Electric

Line <u>No.</u>			Fiscal Year Ending March 31, 2022 (a)
	Capital Repairs Deduction		
1	Plant Additions	Page 6 of 10, Line 3	\$190,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$190,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$190,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$190,000
9	Bonus Depreciation Rate (April 2021 - December 2021)	0%	0.00%
10	Bonus Depreciation Rate (January 2022 - Mar 2022)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$190,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$190,000
17	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$7,125
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 8	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$7,125

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve Electric Proration Synergy Grid Mod - RTU Separation Electric

					(a)= Column (b)	(b)	
Line						Vintage Year	
No.	Deferred Tax Subject to Proration				Total	March 31, 2020	
1	Book Depreciation	Page 2 of 10,			\$5,957	\$5,957	
2	Bonus Depreciation	U	of 10, Lin		\$0	\$0	
3	Remaining MACRS Tax Depreciation	-	of 10, Lin		(\$21,375)	(\$21,375)	
4	FY20 tax (gain)/loss on retirements	-	of 10, Lin		\$0	\$0	
5 6	Cumulative Book / Tax Timer	Sum of Li	nes i thr	ougn 4	(\$15,419)	(\$15,419)	
7	Effective Tax Rate Deferred Tax Reserve	Time.	5 * Line		21.00%	21.00%	
/	Deferred Tax Reserve	Line	5 " Line	0	(\$3,238)	(\$3,238)	
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 3	of 10, Li	ne 3	\$0	\$0	
9	Cost of Removal	Page 3	of 10, Lin	ne 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2020	· ·			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + I	Line 9 + I	ine 10	\$0	\$0	
12	Effective Tax Rate				21.00%	21.00%	
13	Deferred Tax Reserve	Line 1	1 * Line	12	\$0	\$0	
14	Total Deferred Tax Reserve		7 + Line		(\$3,238)	(\$3,238)	
15	Net Operating Loss		of 10, Lin		\$0	\$0	
16	Net Deferred Tax Reserve	Line 1	4 + Line	15	(\$3,238)	(\$3,238)	
	Allocation of FY 2020 Estimated Federal NOL						
17		Cal	h) — Lina	5	(\$15.410)	(\$15.410)	
18	Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration		b) = Line Line 11	3	(\$15,419) \$0	(\$15,419) \$0	
19	Total Cumulative Book/Tax Timer		7 + Line	10	(\$15,419)	(\$15,419)	
19	Total Cullulative Book Tax Times	Line	/ + Line	16	(\$13,419)	(\$15,419)	
20	Total FY 2020 Federal NOL	Page 2 of 1	0, Line 2	3 / 21%	\$0	\$0	
21	Allocated FY 2020 Federal NOL Not Subject to Proration	(Line 18 / L	ine 19) *	Line 20	\$0	\$0	
22	Allocated FY 2020 Federal NOL Subject to Proration	(Line 17 / L	ine 19) *	Line 20	\$0	\$0	
23	Effective Tax Rate	Per Tax	Departme	ent	21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 2	22 * Line	23	\$0	\$0	
25	N-t D-family T-up Danish while the mountain	T :	7 + Line	24	(62.220)	(\$2.229)	
23	Net Deferred Tax Reserve subject to proration	Line	/ + Lille	24	(\$3,238)	(\$3,238)	
		(i)		(j)			
		Number of Days in	n				
	Proration Calculation	Month		ation Percentage	(k)= Sum of (l)	(1)	
26	April 2019		30	91.78%	(\$248)	(\$248)	
27	May 2019		31	83.29%	(\$225)	(\$225)	
28	June 2019		30	75.07%	(\$203)	(\$203)	
29	July 2019		31	66.58%	(\$180)	(\$180)	
30	August 2019		31	58.08%	(\$157)	(\$157)	
31	September 2019		30	49.86%	(\$135)	(\$135)	
32	October 2019		31	41.37%	(\$112)	(\$112)	
33	November 2019		30	33.15%	(\$89)	(\$89)	
34	December 2019		31	24.66%	(\$67)	(\$67)	
35	January 2020		31	16.16%	(\$44)	(\$44)	
36	February 2020		28	8.49%	(\$23)	(\$23)	
37	March 2020		31	0.00%	\$0	\$0	
38	Total	3	65		(\$1,480)	(\$1,480)	
39	Deferred Tax Without Proration		Line 25	20	(\$3,238)	(\$3,238)	
40	Proration Adjustment	Line 3	38 - Line	39	\$1,758	\$1,758	

- (j) Sum of remaining days in the year (Col (i)) \div 365
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve Electric Proration Synergy Grid Mod - RTU Separation Electric

		Synergy Grid Mod - R	TU Separation Electric			
				(a)=Sum of (b) through (c)	(b) Vintage Year	(c) Vintage Year
Line <u>No.</u>	Deferred Tax Subject to Proration			<u>Total</u>	March 31, 2021	March 31, 2020
1	Book Depreciation	Col (b) = Page 4 of 10, L (c) = Page 2 of 10, L		\$21,841	\$9,928	\$11,913
2	Bonus Depreciation	Page 5 of 10		\$0	\$0	Ψ11,713
3	Remaining MACRS Tax Depreciation	Col (b) = Page 5 of 10, L 3 of 10, L		(\$76,773)	(\$35,625)	(\$41,148)
		Col (b) = Page 5 of 10, L				
4	FY21 tax (gain)/loss on retirements	3 of 10, L		\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines		(\$54,933)	(\$25,698)	(\$29,235)
6	Effective Tax Rate	Per Tax Depa		21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line 5 * 1	Line 6	(\$11,536)	(\$5,396)	(\$6,139)
	Deferred Tax Not Subject to Proration	D 5 64			40	
8	Capital Repairs Deduction	Page 7 of 10		\$0	\$0	
9 10	Cost of Removal	Page 7 of 10	, Line 20	\$0 \$0	\$0 \$0	
11	Book/Tax Depreciation Timing Difference at 3/31/2021 Cumulative Book / Tax Timer	Line 8 + Line	0 ± I ine 10	\$0 \$0	\$0 \$0	
12	Effective Tax Rate	Line o + Line) + LINE IU	21.00%	21.00%	
13	Deferred Tax Reserve	Line 11 * 1	Line 12	\$0	\$0	
1.4	Total Defermed Toy Becoming	I i 7 . 1	ing 12	(\$11.524)	(\$5.200)	(\$6.120)
14 15	Total Deferred Tax Reserve Net Operating Loss	Line 7 + I Page 4 of 10		(\$11,536) \$0	(\$5,396) \$0	(\$6,139) \$0
16	Net Operating Loss Net Deferred Tax Reserve	Line 14 + 1		(\$11,536)	(\$5,396)	(\$6,139)
17	Allocation of FY 2021 Estimated Federal NOL	G-1 (h)	Time 5	(\$25,000)	(625 (08)	
	Cumulative Book/Tax Timer Subject to Proration	Col (b) =		(\$25,698)	(\$25,698)	
18 19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer	Line 11 Line 17 + Line 18		\$0 (\$25,698)	\$0 (\$25,698)	
20	Total FY 2021 Federal NOL	Col(b) = Page 4 of 1		\$0	\$0	
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 / Line 1	,	\$0	\$0	
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 / Line 1		\$0	\$0	
23	Effective Tax Rate	Per Tax Depa		21.00%	21.00%	
24	Deferred Tax Benefit subject to proration	Line 22 * 1	Line 23	\$0	\$0	
25	Net Deferred Tax Reserve subject to proration	Line 7 + I	Line 24	(\$11,536)	(\$5,396)	(\$6,139)
		(i)	(j)			
	P. 6. 61.16	Number of Days in	n	(k)= Sum of (l)	ar.	()
26	Proration Calculation	Month 30	Proration Percentage	through (m)	(l) (\$412)	(m) (\$470)
26 27	April 2020 May 2020	30	91.78% 83.29%	(\$882) (\$801)	(\$413) (\$375)	(\$470) (\$426)
2 <i>1</i> 28	June 2020	30	75.07%	(\$722)	(\$373)	(\$384)
29	July 2020	31	66.58%	(\$640)	(\$299)	(\$341)
30	August 2020	31	58.08%	(\$558)	(\$261)	(\$297)
31	September 2020	30	49.86%	(\$479)	(\$224)	(\$255)
	October 2020	31	41.37%	(\$398)	(\$186)	(\$212)
32		30	33.15%	(\$319)	(\$149)	(\$170)
	November 2020		24.66%	(\$237)	(\$111)	(\$126)
33	November 2020 December 2020	31	24.0070	(4237)	(Φ111)	(4120)
33 34 35	December 2020 January 2021	31	16.16%	(\$155)	(\$73)	(\$83)
33 34 35 36	December 2020 January 2021 February 2021	31 28	16.16% 8.49%	(\$155) (\$82)	(\$73) (\$38)	(\$83) (\$43)
33 34 35 36 37	December 2020 January 2021 February 2021 March 2021	31 28 31	16.16%	(\$155) (\$82) \$0	(\$73) (\$38) \$0	(\$83) (\$43) \$0
33 34 35 36 37	December 2020 January 2021 February 2021	31 28	16.16% 8.49%	(\$155) (\$82)	(\$73) (\$38)	(\$83) (\$43)
32 33 34 35 36 37 38	December 2020 January 2021 February 2021 March 2021	31 28 31	16.16% 8.49% 0.00%	(\$155) (\$82) \$0	(\$73) (\$38) \$0	(\$83) (\$43) \$0

⁽j) Sum of remaining days in the year (Col (i)) \div 365 (l) through (r) = Current Year Line 25 \div 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Fiscal Year 2022 Net Deferred Tax Reserve Electric Proration Synergy Grid Mod - RTU Separation Electric

		., s ,		(a)=Sum of (b) through (d)	(b) Vintage Year	(c) Vintage Year	(d) Vintage Year
Line No.	Deferred Tax Subject to Proration			<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
1	Book Depreciation Bonus Depreciation	Col(c) = Page 4 o Col(d) = Page 2 o	f 10, Line 14 + Line 17; f 10, Line 14 + Line 17; of 10, Line 14 + Line 17 of 10, Line 12	\$33,754 \$0	\$1,986 \$0	\$19,855	\$11,913
2	Bonus Depreciation		of 10, Line 12 of 10, Line 18; Col (c) =	\$0	30		
3	Remaining MACRS Tax Depreciation	Page 5 of 10, Line 1	8; Col (d) = Page 3 of 10, Line 18	(\$113,765)	(\$7,125)	(\$68,581)	(\$38,059)
			of 10, Line 19; Col (c) = 9; Col (d) = Page 3 of 10,				
4	FY22 tax (gain)/loss on retirements		ine 19	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer		nes 1 through 4	(\$80,012)	(\$5,140)	(\$48,726)	(\$26,146)
6	Effective Tax Rate		Department	21.00%	21.00%	21.00%	21.00%
7	Deferred Tax Reserve	Line	5 * Line 6	(\$16,802)	(\$1,079)	(\$10,232)	(\$5,491)
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7	of 10, Line 3	\$0	\$0		
9	Cost of Removal	Page 7 o	of 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11 12	Cumulative Book / Tax Timer Effective Tax Rate	Line 8 + L	ine 9 + Line 10	\$0 21.00%	\$0 21.00%		
13	Deferred Tax Reserve	Lina 1	1 * Line 12	21.00% \$0	21.00% \$0		
13	Deterred Tax Reserve	Line i	1 · Line 12	30	30		
14	Total Deferred Tax Reserve		7 + Line 13	(\$16,802)	(\$1,079)	(\$10,232)	(\$5,491)
15 16	Net Operating Loss Net Deferred Tax Reserve	Page 6 of 10, Line 23 Line 14 + Line 15		\$0	\$0	\$0	\$0 (\$5,491)
10	Net Deletted Tax Reserve	Line	4 + Line 13	(\$16,802)	(\$1,079)	(\$10,232)	(\$3,491)
	Allocation of FY 2022 Estimated Federal NOL						
17	Cumulative Book/Tax Timer Subject to Proration		b) = Line 5	(\$5,140)	(\$5,140)		
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0	\$0		
19	Total Cumulative Book/Tax Timer	Line I	7 + Line 18	(\$5,140)	(\$5,140)		
20	Total FY 2022 Federal NOL	Col (b) = Page 6	of 10, Line 23 / 21%	\$0	\$0		
21	Allocated FY 2022 Federal NOL Not Subject to Proration	,	ine 19) * Line 20	\$0	\$0		
22	Allocated FY 2022 Federal NOL Subject to Proration		ine 19) * Line 20	\$0	\$0		
23 24	Effective Tax Rate Deferred Tax Benefit subject to proration		Department 2 * Line 23	21.00% \$0	21.00% \$0		
24	Deterred Tax Benefit subject to profation	Line 2	2 Line 23	30	30		
25	Net Deferred Tax Reserve subject to proration	Line 7	7 + Line 24	(\$16,802)	(\$1,079)	(\$10,232)	(\$5,491)
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021		30 91.78%	(\$1,285)	(\$83)	(\$783)	(\$420)
27	May 2021		31 83.29%	(\$1,166)	(\$75)	(\$710)	(\$381)
28 29	June 2021 July 2021		30 75.07% 31 66.58%	(\$1,051)	(\$68)	(\$640)	(\$343) (\$305)
30	August 2021		31 66.58% 31 58.08%	(\$932) (\$813)	(\$60) (\$52)	(\$568) (\$495)	(\$266)
31	September 2021		30 49.86%	(\$698)	(\$45)	(\$425)	(\$228)
32	October 2021		31 41.37%	(\$579)	(\$37)	(\$353)	(\$189)
33	November 2021	3	30 33.15%	(\$464)	(\$30)	(\$283)	(\$152)
34	December 2021	3	31 24.66%	(\$345)	(\$22)	(\$210)	(\$113)
35	January 2022		31 16.16%	(\$226)	(\$15)	(\$138)	(\$74)
36	February 2022		28 8.49%	(\$119)	(\$8)	(\$72)	(\$39)
37 38	March 2022 Total	36	31 0.00%	(\$7,680)	\$0 (\$493)	\$0 (\$4,677)	(\$2,510)
38	TOTAL	30	us.	(\$7,680)	(\$493)	(\$4,0//)	(\$2,510)
39	Deferred Tax Without Proration		ine 25	(\$16,802)	(\$1,079)	(\$10,232)	(\$5,491)
40	Proration Adjustment	Line 3	8 - Line 39	\$9,122	\$586	\$5,555	\$2,981

Column Notes:

(j) Sum of remaining days in the year (Col (i)) ÷ 365
 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Grid Mod Synergy - System Data Portal Annual Revenue Requirement Summary

Line <u>No.</u>			Fiscal Year 2019 (a)	Fiscal Year 2020 (b)	Fiscal Year 2021 (c)	Fiscal Year 2022 (d)
	Operation and Maintenance (O&M) Expenses:					
1	System Data Portal		\$0	\$700,000	\$700,000	\$700,000
2	Total O&M costs	Sum of Line 1	\$0	\$700,000	\$700,000	\$700,000
3	Total Revenue Requirement		\$0	\$700,000	\$700,000	\$700,000

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Grid Mod Synergy - Telecommunications Annual Revenue Requirement Summary

Line No.	Electric Operation and Maintenance (O&M) Expenses:			ear Ending a 31, 2019 (a)		cal Year Ending Jarch 31, 2020 (b)		iscal Year Ending March 31, 2021 (c)		al Year Ending arch 31, 2022 (d)
1	System Data Portal		s		\$		\$		s	
	•		s s	-	\$	-	\$	-	s s	-
2	Feeder Monitoring Sensors		S	-		-		-		-
3	RTU Separation		-	-	\$	-	\$	-	\$	-
4	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
5	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
6	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
7	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
8	Data Lake		\$	-	\$	-	\$	-	\$	-
9	PI Historian		\$	-	\$	-	\$	-	\$	-
10	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
11	Telecommunications		\$	-	\$	-	\$	- , -	\$	636,886
12	Cybersecurity		\$	-	\$	-	\$	-	\$	-
13	Total Electric O&M costs	Sum of Lines 1 through 12	\$	-	\$	-	\$	425,022	\$	636,886
	Gas Operation and Maintenance (O&M) Expenses:									
14	DSCADA & ADMS		\$	-	\$	-	\$	-	\$	-
15	GIS Data Enhancement		\$	-	\$	-	\$	-	\$	-
16	Enterprise Service Bus		\$	-	\$	-	\$	-	\$	-
17	Data Lake		\$	-	\$	-	\$	-	\$	-
18	PI Historian		\$	-	\$	-	\$	-	\$	-
19	Advanced Analytics		\$	-	\$	-	\$	-	\$	-
20	Telecommunications		\$	-	\$	-	\$	230,978	\$	346,114
21	Cybersecurity		\$		\$	-	\$	-	\$	-
22	Total Gas O&M costs	Sum of Lines 14 through 21	\$	-	\$	-	\$	230,978	\$	346,114
23	Total O&M Expenses	Line 13 + Line 22	\$	-	\$	-	\$	656,000	\$	983,000
24	Electric Capital Investment:									
25	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$8,480		\$16,184		\$14,967
26	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment					,		\$4,322		\$8,299
27	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$4,322
28	Total Electric Capital Investment Component of Revenue Requirement	Sum of Lines 25 through Line 27		-		\$8,480		\$20,506		\$27,588
29	Gas Capital Investment:									
30	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2020 Capital Investment					\$4,608		\$8,795		\$8,134
31	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2021 Capital Investment							\$2,349		\$4,510
32	Estimated Revenue Requirement on Fiscal Year Ending March 31, 2022 Capital Investment									\$2,349
33	Total Gas Capital Investment Component of Revenue Requirement	Sum of Lines 30 through Line 32		-		\$4,608		\$11,144		\$14,993
34	Total Electric Revenue Requirement	Line 13 + Line 28		-		\$8,480		\$445,529		\$664,474
35	Total Gas Revenue Requirement	Line 22 + Line 33				\$4,608		\$242,122		\$361,107
33	rotal Gas Revenue Requirement	Line 22 + Line 33		-		\$4,008		\$242,122		\$301,107
36	Total Electric & Gas Revenue Requirement	Line 34 + Line 35		-	\$	13,088	\$	687,650	\$	1,025,581
	*** *** *** **************************				_	.,	_	/	_	/ /

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2020 Synergy Grid Mod - Telecommunications IS

Line No.			Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Estimated Capital Investment		(=)	(=)	(-)
1	Telecommunications		\$120,000	\$0	\$0
2	Total Estimated Capital Investment	Sum of Line 1	\$120,000	\$0	\$0
	Depreciable Net Capital Included in Rate Base				
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$120,000	\$0	\$0
4 5	Retirements Net Depreciable Capital Included in Rate Base	Line $4 * 0\%$ Column (a) = Line 3 - Line 4; Column (b and c) = Prior Year Line 5	\$0 \$120,000	\$0 \$120,000	\$0 \$120,000
3		Column (a) – Line 5 - Line 4, Column (b and c) – Frior Tear Line 5	\$120,000	\$120,000	\$120,000
6	Change in Net Capital Included in Rate Base Capital Included in Rate Base	Line 2	\$120,000	\$0	\$0
	•				
7	Cost of Removal		\$0	\$0	\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 7	\$120,000	\$120,000	\$120,000
	Tax Depreciation				
9	Vintage Year Tax Depreciation:				
10	FY 2020 Spend	Page 3 of 10, Line 21	\$99,999	\$13,335	\$4,443
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$99,999	\$113,334	\$117,777
10	Book Depreciation	A SI L. DIDUG D. L. M. 4970	14.200/	1.4.200/	14.29%
12 13	Composite Book Depreciation Rate Book Depreciation	As filed per R.I.P.U.C. Docket No. 4770 Column (a) = Line 1 * Line 12 * 50%; Column (b and c) = Line 1 * Line	14.29% \$8,571	14.29% \$17,143	\$17,143
14	Cumulative Book Depreciation	Prior Year Line 14 + Current Year Line 13	\$8,571	\$25,714	\$42,857
15	Total Cumulative Book Depreciation	Line 14	\$8,571	\$25,714	\$42,857
	Deferred Tax Calculation:				
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$91,428	\$87,620	\$74,920
17	Effective Tax Rate	** **** **	21.00%	21.00%	21.00%
18 19	Deferred Tax Reserve Less: FY 2020 Federal NOL	Line 16 * Line 17	\$19,200 \$0	\$18,400 \$0	\$15,733 \$0
19	Less. F1 2020 Federal NOL	Col (a) = Page 8 of 10, Line 40; Col (b) = Page 9 of 10, Line 40; Col (c)	30	30	30
20	Less: Proration Adjustment	= Page 10 of 10, Line 40	(\$10,424)	\$434	\$1,448
21	Net Deferred Tax Reserve	Sum of Lines 18 through 20	\$8,776	\$18,834	\$17,181
	Rate Base Calculation:				
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$120,000	\$120,000	\$120,000
23	Accumulated Depreciation	- Line 15	(\$8,571)	(\$25,714)	(\$42,857)
24 25	Deferred Tax Reserve Year End Rate Base	- Line 21 Sum of Lines 22 through 24	(\$8,776) \$102,653	(\$18,834) \$75,451	(\$17,181) \$59,962
23	Teat End Kate Base	Sum of Lines 22 through 24	\$102,033	\$75,431	\$39,902
	Revenue Requirement Calculation:				
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$; Column (b and c) = (Prior Year Line $25 \div C$ urrent Year Line $25) \div 2$	\$51,326.39	\$89,052	\$67,707
27	Pre-Tax ROR	1/	8.80%	8.80%	8.80%
28	Return and Taxes	Line 26 * Line 27	\$4,517	\$7,837	\$5,958
29	Book Depreciation	Line 13	\$8,571	\$17,143	\$17,143
30	Annual Revenue Requirement	Line 28 + Line 29	\$13,088	\$24,979	\$23,101

1/	Weighted Average Cost of	Capital as file in R.I.	P.U.C. Docket No. 4	770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2020 IS Capital Investments Synergy Grid Mod - Telecommunications IS

Line No.	Capital Repairs Deduction		Fiscal Year Ending March 31, 2020 (a)	Fiscal Year Ending March 31, 2021 (b)	Fiscal Year Ending March 31, 2022 (c)
	Plant Additions	D 2-f 10 Lin- 2	\$120,000		
2		Page 2 of 10, Line 2	,		
2	Capital Repairs Deduction Rate	Per Tax Department Line 1 * Line 2	0.00%		
3	Capital Repairs Deduction	Line 1 * Line 2	\$0		
	Bonus Depreciation				
4	Plant Additions	Line 1	\$120,000		
5	Less Capital Repairs Deduction	Line 3	\$0		
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$120,000		
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%		
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$120,000		
9	Bonus Depreciation Rate (April 2019 - December 2019)	1 * 75% * 100%	75.00%		
10	Bonus Depreciation Rate (January 2020 - Mar 2020)	1 * 25% * 0%	0.00%		
11	Total Bonus Depreciation Rate	Line 9 + Line 10	75.00%		
12	Bonus Depreciation	Line 8 * Line 11	\$90,000		
	Remaining Tax Depreciation				
13	Plant Additions	Line 1	\$120,000		
14	Less Capital Repairs Deduction	Line 3	\$0		
15	Less Bonus Depreciation	Line 12	\$90,000		
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$30,000	\$30,000	\$30,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.330%	44.450%	14.810%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$9,999	\$13,335	\$4,443
			T-1	7-0,000	7.,
19	FY20 Loss incurred due to retirements		\$0	\$0	\$0
20	Cost of Removal	Page 2 of 10, Line 7	\$0	\$0	\$0
		,			
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, and 20	\$99,999	\$13,335	\$4,443
-1	Total Tax Depresation and Repairs Deduction		\$77,777	Ψ15,555	ψτ,ττ3

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST)

Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2021 Synergy Grid Mod - Telecommunications IS

Common Equity

Line No.					Fiscal Year Ending March 31, 2021 (a)	Fiscal Year Ending March 31, 2022 (b)
	Estimated Capital Investment				(a)	(b)
1	Telecommunications				\$60,000	
2	Total Estimated Capital Investment		Sum of Lines 1		\$60,000	\$0
	Depreciable Net Capital Included in Rate Base					
3	Total Allowed Capital Included in Rate Base in Current Year Retirements		Line 2 Line 4 * 0%		\$60,000 \$0	\$0 \$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Li	ne 4; Column (b and c) = Pr	ior Year Line 5	\$60,000	\$60,000
	Change in Net Capital Included in Rate Base					
6	Capital Included in Rate Base		Line 2		\$60,000	\$0
7	Cost of Removal				\$0	\$0
8	Total Net Plant in Service Including Cost of Removal		Line 5 + Line 7		\$60,000	\$60,000
	Tax Depreciation					
9	Vintage Year Tax Depreciation:	_	16 601 11 01		***	***
10 11	FY 2021 Spend Cumulative Tax Depreciation		ge 16 of 21, Line 21 ine 11 + Current Year Line	10	\$19,998 \$19,998	\$26,670 \$46,668
	•				4,	7.0,000
12	Book Depreciation	A o Elod mor	DIDLIC Dealest No. 477	70	14.29%	14.29%
13	Composite Book Depreciation Rate Book Depreciation		R.I.P.U.C. Docket No. 477 te 12 * 50%; Column (b) =		\$4,286	\$8,571
14	Cumulative Book Depreciation		ine 14 + Current Year Line		\$4,286	\$12,857
15	Total Cumulative Book Depreciation		Line 14		\$4,286	\$12,857
	Deferred Tax Calculation:					
16	Cumulative Book / Tax Timer		Line 11 - Line 14		\$15,712	\$33,811
17 18	Effective Tax Rate Deferred Tax Reserve		Line 16 * Line 17		21.00% \$3,300	21.00% \$7.100
19	Less: FY 2021 Federal NOL		Line 16 " Line 17		\$3,300 \$0	\$7,100
20	Less: Proration Adjustment	Col(a) = Page 9 of 10	Line 40; Col (b) = Page 10	of 10 Line 40	(\$1,791)	(\$2,063)
21	Net Deferred Tax Reserve		of Lines 18 through 20	or 10, 2me 10	\$1,508	\$5,037
	Rate Base Calculation:					
22	Cumulative Incremental Capital Included in Rate Base		Line 8		\$60,000	\$60,000
23	Accumulated Depreciation		- Line 15		(\$4,286)	(\$12,857)
24 25	Deferred Tax Reserve Year End Rate Base	Sum	- Line 21 of Lines 22 through 24		(\$1,508) \$54,206	(\$5,037) \$42,106
	D. D. C. COLLE		Ü			
	Revenue Requirement Calculation:	Column (a) = Current Year I	ino 25 : 2: Column (b) = (B	rior Voor Line 25		
26	Average Rate Base		rent Year Line 25) \div 2	nor real Line 25 +	\$27,103.06	\$48,156
			Capital as file in R.I.P.U.C.	Docket No. 4770,		
27	Pre-Tax ROR		Workpaper MAL-6		8.80%	8.80%
28 29	Return and Taxes Book Depreciation		Line 26 * Line 27 Line 13		\$2,385 \$4,286	\$4,238 \$8,571
30	Annual Revenue Requirement		Line 28 + Line 29		\$6,671	\$12,809
30	raman recent requirement		Eme 20 Eme 29		φοζονί	ψ12,009
	1/ Weighted Average Cost of Capital as file in R.I.P.U.C. Docket	No. 4770, Schedule MAL-6 Ratio	Rate	Rate	Taxes	Return
	Long Term Debt	50.00%	3.70%	1.85%		1.85%
	Short Term Debt	0.00%	0.00%	0.00%		0.00%
	Preferred Stock	0.00%	0.00%	0.00%	1 90%	0.00%

50.00%

100.00%

10.10%

5.05%

6.90%

1.90%

6.95%

8.80%

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID

Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2021 IS Capital Investments Synergy Grid Mod - Telecommunications IS

Fiscal Year Ending	Fiscal Year Ending			
March 31, 2022	March 31, 2021			Line
(b)	(a)			No.
			Capital Repairs Deduction	
	\$60,000	Page 4 of 10, Line 2	Plant Additions	1
	0.00%	Per Tax Department	Capital Repairs Deduction Rate	2
	\$0	Line 1 * Line 2	Capital Repairs Deduction	3
			Bonus Depreciation	
	\$60,000	Line 1	Plant Additions	4
	\$0	Line 3	Less Capital Repairs Deduction	5
	\$60,000	Line 4 - Line 5	Plant Additions Net of Capital Repairs Deduction	6
	100.00%	Per Tax Department	Percent of Plant Eligible for Bonus Depreciation	7
	\$60,000	Line 6 * Line 7	Plant Eligible for Bonus Depreciation	8
	0.00%	0%	Bonus Depreciation Rate (April 2020 - December 2020)	9
	0.00%	0%	Bonus Depreciation Rate (January 2021 - Mar 2021)	10
	0.00%	Line 9 + Line 10	Total Bonus Depreciation Rate	11
	\$0	Line 8 * Line 11	Bonus Depreciation	12
			Remaining Tax Depreciation	
	\$60,000	Line 1	Plant Additions	13
	\$0	Line 3	Less Capital Repairs Deduction	14
	\$0	Line 12	Less Bonus Depreciation	15
\$60,000	\$60,000	Line 13 - Line 14 - Line 15	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	16
44.450%	33.330%	Per IRS Publication 946	3 YR MACRS Tax Depreciation Rates	17
\$26,670	\$19,998	Line 16 * Line 17	Remaining Tax Depreciation	18
\$0	\$0	Per Tax Department	FY21 Loss incurred due to retirements	19
\$0	\$0	Page 4 of 10, Line 7	Cost of Removal	20
\$26,670	\$19,998	Sum of Lines 3, 12, 18, 19, and 20	Total Tax Depreciation and Repairs Deduction	21
_	\$19,998	Sum of Lines 3, 12, 18, 19, and 20	Total Tax Depreciation and Repairs Deduction	21

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Revenue Requirement on Estimated IS Capital Investment 12 months ending March 31, 2022 Synergy Grid Mod - Telecommunications IS

Line No.			Fiscal Year Ending March 31, 2022 (a)
	Estimated Capital Investment		(4)
1	Telecommunications		\$60,000
2	Total Estimated Capital Investment	Sum of Line 1	\$60,000
	Depreciable Net Capital Included in Rate Base		
3	Total Allowed Capital Included in Rate Base in Current Year	Line 2	\$60,000
4	Retirements	Line 4 * 0%	\$0
5	Net Depreciable Capital Included in Rate Base	Column (a) = Line 3 - Line 4	\$60,000
	Change in Net Capital Included in Rate Base	*** •	0.50.000
6	Capital Included in Rate Base	Line 2	\$60,000
7	Cost of Removal		\$0
8	Total Net Plant in Service Including Cost of Removal	Line 6 + Line 8	\$60,000
	Tax Depreciation		
9	Vintage Year Tax Depreciation:		
10	FY 2022 Spend	Page 7 of 10, Line 21	\$19,998
11	Cumulative Tax Depreciation	Current Year Line 10	\$19,998
	Book Depreciation		
12	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4770	14.29%
13	Book Depreciation	Column (a) = Line 2* Line 12 * 50%	\$4,286
14	Cumulative Book Depreciation	Current Year Line 13	\$4,286
15	Total Cumulative Book Depreciation	Line 14	\$4,286
	Deferred Tax Calculation:		
16	Cumulative Book / Tax Timer	Line 11 - Line 15	\$15,712
17	Effective Tax Rate		21.00%
18	Deferred Tax Reserve	Line 16 * Line 17	\$3,300
19 20	Less: FY 2022 Federal NOL	C.1. Pr. 10 C10 L' 40	\$0
21	Less: Proration Adjustment Net Deferred Tax Reserve	Col = Page 10 of 10, Line 40 Sum of Lines 18 through 20	(\$1,791) \$1,508
	Rate Base Calculation:		
22	Cumulative Incremental Capital Included in Rate Base	Line 8	\$60,000
23	Accumulated Depreciation	- Line 15	(\$4,286)
24	Deferred Tax Reserve	- Line 21	(\$1,508)
25	Year End Rate Base	Sum of Lines 22 through 24	\$54,206
	Revenue Requirement Calculation:		
26	Average Rate Base	Column (a) = Current Year Line $25 \div 2$	\$27,103.06
		Weighted Average Cost of Capital as file in R.I.P.U.C. Docket No. 4770, Workpaper	
27	Pre-Tax ROR	MAL-6	8.80%
28	Return and Taxes	Line 26 * Line 27	\$2,385
29	Book Depreciation	Line 13	\$4,286
30	Annual Revenue Requirement	Line 28 + Line 29	\$6,671

1/	Weighted Average Cost of	f Capital as file in	n R.I.P.U.C. Docket	No. 4770, Schedule MAL-6

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	50.00%	3.70%	1.85%		1.85%
Short Term Debt	0.00%	0.00%	0.00%		0.00%
Preferred Stock	0.00%	0.00%	0.00%		0.00%
Common Equity	50.00%	10.10%	5.05%	1.90%	6.95%
	100.00%		6.90%	1.90%	8.80%

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Power Sector Transformation (PST)

Calculation of Tax Depreciation and Repairs Deduction on Fiscal Year 2022 IS Capital Investments Synergy Grid Mod - Telecommunications IS

Line			Fiscal Year Ending March 31, 2022
No.			(a)
	Capital Repairs Deduction		(-)
1	Plant Additions	Page 6 of 10, Line 2	\$60,000
2	Capital Repairs Deduction Rate	Per Tax Department	0.00%
3	Capital Repairs Deduction	Line 1 * Line 2	\$0
	Bonus Depreciation		
4	Plant Additions	Line 1	\$60,000
5	Less Capital Repairs Deduction	Line 3	\$0
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$60,000
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
8	Plant Eligible for Bonus Depreciation	Line 6 * Line 7	\$60,000
9	Bonus Depreciation Rate (April 2020 - December 2020)	0%	0.00%
10	Bonus Depreciation Rate (January 2021 - Mar 2021)	0%	0.00%
11	Total Bonus Depreciation Rate	Line 9 + Line 10	0.00%
12	Bonus Depreciation	Line 8 * Line 11	\$0
	Remaining Tax Depreciation		
13	Plant Additions	Line 1	\$60,000
14	Less Capital Repairs Deduction	Line 3	\$0
15	Less Bonus Depreciation	Line 12	\$0
16	Remaining Plant Additions Subject to 3 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$60,000
17	3 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	33.33%
18	Remaining Tax Depreciation	Line 16 * Line 17	\$19,998
19	FY22 Loss incurred due to retirements	Per Tax Department	\$0
20	Cost of Removal	Page 6 of 10, Line 7	\$0
		Sum of Lines 3, 12, 18, 19, and	
21	Total Tax Depreciation and Repairs Deduction	20	\$19,998

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THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID Power Sector Transformation (PST) Calculation of Fiscal Year 2020 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Telecommunications IS

Line				(a)= Column (b)	(b) Vintage Year
No.	Deferred Tax Subject to Proration			<u>Total</u>	March 31, 2020
1	Book Depreciation	Page 2 or	f 10, Line 13	\$8,571	\$8,571
2	Bonus Depreciation	Page 3 of	10, - Line 12	(\$90,000)	(\$90,000)
3	Remaining MACRS Tax Depreciation	Page 3 of	10, - Line 18	(\$9,999)	(\$9,999)
4	FY20 tax (gain)/loss on retirements	Page 3 of	10, - Line 19	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lir	nes 1 through 4	(\$91,428)	(\$91,428)
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%
7	Deferred Tax Reserve	Line 5	5 * Line 6	(\$19,200)	(\$19,200)
	Deferred Tax Not Subject to Proration				
8	Capital Repairs Deduction		of 10, Line 3	\$0	\$0
9	Cost of Removal	Page 3 o	f 10, Line 20	\$0	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2020			\$0	\$0
11	Cumulative Book / Tax Timer	Line 8 + Li	ine 9 + Line 10	\$0	\$0
12	Effective Tax Rate			21.00%	21.00%
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0
14	Total Deferred Tax Reserve		+ Line 13	(\$19,200)	, ,
15	Net Operating Loss	-	f 10, Line 19	\$0	\$0
16	Net Deferred Tax Reserve	Line 14	4 + Line 15	(\$19,200)	(\$19,200)
	Allocation of FY 2020 Estimated Federal NOL				
17	Cumulative Book/Tax Timer Subject to Proration) = Line 5	(\$91,428)	
18	Cumulative Book/Tax Timer Not Subject to Proration		ine 11	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line I'	7 + Line 18	(\$91,428)	(\$91,428)
20	Total FY 2020 Federal NOL), Line 19 / 21%	\$0	\$0
21	Allocated FY 2020 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0
22	Allocated FY 2020 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0
23	Effective Tax Rate		Department	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	2 * Line 23	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$19,200)	(\$19,200)
		(i)	(j)		
		Number of Days in			
	Proration Calculation	<u>Month</u>	Proration Percentage	(k)= Sum of (l)	(1)
26	April 2019	30	91.789	* , ,	
27	May 2019	31	83.299	(\$1,333)	(\$1,333)
28	June 2019	30	75.079	(\$1,201)	(\$1,201)
29	July 2019	31	66.589	* , ,	
30	August 2019	31	58.089	* * *	
31	September 2019	30	49.869		
32	October 2019	31	41.379	* * *	
33	November 2019	30	33.159	6 (\$530)	(\$530)
34	December 2019	31	24.669		
35	January 2020	31	16.169		
36	February 2020	28	8.499	* * *	
37	March 2020	31	0.009		\$0
38	Total	365		(\$8,776)	(\$8,776)
39	Deferred Tax Without Proration	Li	ine 25	(\$19,200)	(\$19,200)
40	Proration Adjustment	Line 3	8 - Line 39	\$10,424	\$10,424

- (j) Sum of remaining days in the year (Col (i)) $\div\,365$
- (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST)

Calculation of Fiscal Year 2021 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Telecommunications IS

				(a)=Sum of (b)		
				through (c)	(b)	(c)
					Vintage Year	Vintage Year
Line				Total	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration					
1	Book Depreciation	Col(b) = Page 4 of 10,	Line 13; Col (c) = Page 2			
	Book Depreciation	of 10,	Line 13	\$21,429	\$4,286	\$17,143
2	Bonus Depreciation	Page 5 of	10, Line 12	\$0	\$0	
3	Remaining MACRS Tax Depreciation	Col(b) = Page 5 of 10,	Line 18; Col (c) = Page 3			
3	Remaining WACKS Tax Depreciation	of 10,	Line 18	(\$33,333)	(\$19,998)	(\$13,335)
		Col(b) = Page 5 of 10.	Line 19; Col (c) = Page 3			
4	FY21 tax (gain)/loss on retirements		Line 19	\$0	\$0	
5	Cumulative Book / Tax Timer	Sum of Lin	es 1 through 4	(\$11,904)	(\$15,712)	\$3,808
6	Effective Tax Rate	Per Tax	Department	21.00%	21.00%	21.00%
7	Deferred Tax Reserve		* Line 6	(\$2,500)	(\$3,300)	\$800
	Deferred Tax Not Subject to Proration					
8	Capital Repairs Deduction	Page 5 o	f 10, Line 3	\$0	\$0	
9	Cost of Removal	Page 5 of	10, Line 20	\$0	\$0	
10	Book/Tax Depreciation Timing Difference at 3/31/2021			\$0	\$0	
11	Cumulative Book / Tax Timer	Line 8 + Lin	ne 9 + Line 10	\$0	\$0	
12	Effective Tax Rate			21.00%	21.00%	
13	Deferred Tax Reserve	Line 11	* Line 12	\$0	\$0	
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$2,500)	(\$3,300)	\$800
		Col(b) = Page 4 of 10	Line 19; Col (c) = Page 2			
15	Net Operating Loss		Line 19	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15		(\$2,500)	(\$3,300)	\$800
10	The Beloned Tax reserve	Zille 1 i	Tame 15	(42,500)	(45,500)	4000
	Allocation of FY 2021 Estimated Federal NOL					
17	Cumulative Book/Tax Timer Subject to Proration	Col (b)	= Line 5	(\$11,904)	(\$15,712)	\$3,808
18	Cumulative Book/Tax Timer Not Subject to Proration	Li	ne 11	\$0	\$0	\$0
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18	(\$11,904)	(\$15,712)	\$3,808
		Col (b) = Page 4 of 10	Line 19; Col (c) = Page 2			
20	Total FY 2021 Federal NOL		ne 19 / 21%	\$0	\$0	\$0
21	Allocated FY 2021 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0
22	Allocated FY 2021 Federal NOL Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0
23	Effective Tax Rate	(2.110 17 / 2.11	ie 15)	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 22	* Line 23	\$0	\$0	\$0
				7.0	7.	**
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	(\$2,500)	(\$3,300)	\$800
	<u>1</u>			(, , /	(1-,,	,
		(i)	(j)			
			Ψ,	d) 6 6d)		
		Number of Days in		(k)= Sum of (l)		
	Proration Calculation	Month	Proration Percentage	through (m)	(l)	(m)
26	April 2020	30	91.78%	(\$191)	(\$252)	\$61
27	May 2020	31	83.29%	(\$174)	(\$229)	\$56
28	June 2020	30	75.07%	(\$156)	(\$206)	\$50
29	July 2020	31	66.58%	(\$139)	(\$183)	\$44
30	August 2020	31	58.08%	(\$121)	(\$160)	\$39
31	September 2020	30	49.86%	(\$104)	(\$137)	\$33
32	October 2020	31	41.37%	(\$86)	(\$114)	\$28 \$22
33	November 2020	30	33.15%	(\$69)	(\$91)	\$22
34	December 2020	31	24.66%	(\$51)	(\$68)	\$16
35	January 2021	31 28	16.16%	(\$34)	(\$44)	\$11
36	February 2021		8.49%	(\$18)	(\$23)	\$6 \$0
37 38	March 2021 Total	31 365	0.00%	(\$1.142)	\$0 (\$1.508)	\$0 \$366
38	TOTAL	303		(\$1,143)	(\$1,508)	\$366
39	Deferred Tax Without Proration	т :	ne 25	(\$2,500)	(\$3,300)	\$800
39 40			ne 25 3 - Line 39			
40	Proration Adjustment	Line 38	- Line 39	\$1,357	\$1,791	(\$434)

- (j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Calculation of Fiscal Year 2022 Net Deferred Tax Reserve IS Proration Synergy Grid Mod - Telecommunications IS $\,$

				(a)=Sum of (b)			
				through (d)	(b)	(c)	(d)
					Vintage Year	Vintage Year	Vintage Year
Line				<u>Total</u>	March 31, 2022	March 31, 2021	March 31, 2020
No.	Deferred Tax Subject to Proration						
1	Book Depreciation), Line 13; Col (c) = Page 1 (d) = Page 2 of 10, Line				
			13	\$30,000	\$4,286	\$8,571	\$17,143
2	Bonus Depreciation	Page 7 o	f 10, Line 12	\$0	\$0		
			0, Line 18; Col (c) = Page				
3	Remaining MACRS Tax Depreciation	5 of 10, Line 18; Co	l (d) = Page 3 of 10, Line				
			18	(\$51,111)	(\$19,998)	(\$26,670)	(\$4,443)
			0, Line 19; Col (c) = Page				
		5 of 10, Line 19; Co	l(d) = Page 3 of 10, Line				
4	FY22 tax (gain)/loss on retirements		19	\$0	\$0	(440,000)	***
5	Cumulative Book / Tax Timer		nes 1 through 4	(\$21,111)	(\$15,712)	(\$18,099)	\$12,700
6 7	Effective Tax Rate Deferred Tax Reserve		Department 5 * Line 6	21.00%	21.00%	21.00%	21.00%
/	Deferred Tax Reserve	Line	5 " Line 6	(\$4,433)	(\$3,300)	(\$3,801)	\$2,667
	Deferred Tax Not Subject to Proration						
8	Capital Repairs Deduction	Page 7 o	of 10, Line 3	\$0	\$0		
9	Cost of Removal		f 10, Line 20	\$0	\$0		
10	Book/Tax Depreciation Timing Difference at 3/31/2022			\$0	\$0		
11	Cumulative Book / Tax Timer	Line 8 + L	ine 9 + Line 10	\$0	\$0		
12	Effective Tax Rate			21.00%	21.00%		
13	Deferred Tax Reserve	Line 1	1 * Line 12	\$0	\$0		
14	Total Deferred Tax Reserve	Line 7	+ Line 13	(\$4,433)	(\$3,300)	(\$3,801)	\$2,667
			0, Line 19; Col (c) = Page				
15	Net Operating Loss	4 of 10, Line 19; Col (c) = Page 2 of 10, Line 19		\$0	\$0	\$0	\$0
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	(\$4,433)	(\$3,300)	(\$3,801)	\$2,667
	Allegation of EV 2022 Eather to J.E. January						
17	Allocation of FY 2022 Estimated Federal NOL	Cal (I	·	(\$21,111)	(\$15,712)	(\$19,000)	\$12,700
18	Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration		b) = Line 5 ine 11	(\$21,111)	(\$15,712)	(\$18,099) \$0	\$12,700 \$0
19	Total Cumulative Book/Tax Timer		7 + Line 18	(\$21,111)	(\$15,712)	(\$18,099)	\$12,700
17	Total Cumulative Book Tax Timer	Line i	7 + Line 16	(\$21,111)	(\$15,712)	(\$10,055)	\$12,700
		Col (b) - Page 6 of 1	0, Line 19; Col (c) = Page				
			(c) = Page 2 of 10, Line 19				
20	Total FY 2022 Federal NOL		21%	\$0	\$0	\$0	\$0
21	Allocated FY 2022 Federal NOL Not Subject to Proration		ne 19) * Line 20	\$0	\$0	\$0	\$0
22	Allocated FY 2022 Federal NOL Subject to Proration	(Line 17 / Li	ne 19) * Line 20	\$0	\$0	\$0	\$0
23	Effective Tax Rate	Per Tax	Department	21.00%	21.00%	21.00%	21.00%
24	Deferred Tax Benefit subject to proration	Line 2	2 * Line 23	\$0	\$0	\$0	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7	' + Line 24	(\$4,433)	(\$3,300)	(\$3,801)	\$2,667
		(2)	(1)				
		(i)	(j)				
		Number of Days in		(k)= Sum of (l)			
	Proration Calculation	Month	Proration Percentage	through (n)	(1)	(m)	(n)
26	April 2021	30		(\$339)	(\$252)	(\$291)	\$204
27	May 2021	31		(\$308)	(\$229)	(\$264)	\$185
28	June 2021	30		(\$277)	(\$206)	(\$238)	\$167
29	July 2021	31		(\$246)	(\$183)	(\$211)	\$148
30 31	August 2021	31 30	58.08%	(\$215)	(\$160)	(\$184)	\$129
	September 2021			(\$184)	(\$137)	(\$158)	\$111
32 33	October 2021 November 2021	31 30		(\$153) (\$122)	(\$114) (\$91)	(\$131) (\$105)	\$92 \$74
34	December 2021	31	24.66%	(\$91)	(\$68)	(\$78)	\$74 \$55
35	January 2022	31	16.16%	(\$60)	(\$44)	(\$51)	\$36
36	February 2022	28		(\$31)	(\$23)	(\$27)	\$19
37	March 2022	31	0.00%	\$0	\$0	\$0	\$0
38	Total	365		(\$2,026)	(\$1,508)	(\$1,737)	\$1,219
39	Deferred Tax Without Proration	L	ine 25	(\$4,433)	(\$3,300)	(\$3,801)	\$2,667
40	Proration Adjustment	Line 3	8 - Line 39	\$2,407	\$1,791	\$2,063	(\$1,448)

⁽j) Sum of remaining days in the year (Col (i)) ÷ 365 (l) through (r) = Current Year Line 25 ÷ 12 * Current Month Col (j)

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THE NARRAGANSETT ELECTRIC COMPANY
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RIPUC Docket No. 4770
Appendix 10.1 - Revenue Requirement Summaries (Revised)
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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Annual Revenue Requirement Summary including shared AMI and Grid Mod

Line No.		Six Months Ended March 31, 2019	PST Year Ending March 31, 2020	PST Year Ending March 31, 2021	PST Year Ending March 31, 2022
1	Grid Mod - Electric	\$427,000	\$3,703,769	\$5,950,907	\$7,263,005
2	AMI - Electric	\$2,000,000	\$5,329,264	\$10,721,800	\$22,240,662
3	Electric Transportation	\$0	\$920,583	\$1,496,285	\$2,563,267
4	Electric Heat	\$0	\$383,093	\$406,193	\$454,646
5	Energy Storage	\$0	\$115,164	\$267,682	\$422,699
6	Solar	\$0	\$79,708	\$369,516	\$951,409
7	Total Electric	\$2,427,000	\$10,531,580	\$19,212,383	\$33,895,688
8	Grid Mod - Gas	\$0	\$1,568,825	\$2,139,639	\$2,765,444
9	AMI - Gas	\$0	\$1,706,877	\$949,702	\$1,296,765
10	Total Gas	\$0	\$3,275,702	\$3,089,341	\$4,062,209
11	Total Gas and Electric	\$2,427,000	\$13,807,282	\$22,301,724	\$37,957,897

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The Narragansett Electric Company d/b/a National Grid Power Sector Transformation (PST) Rhode Island Renewable Energy Annual Revenue Requirement Summary including standalone RI AMI and Grid Mod

Line <u>No.</u>		Six Months Ended <u>March 31, 2019</u>	Fiscal Year Ending March 31, 2020	Fiscal Year Ending March 31, 2021	Fiscal Year Ending March 31, 2022
1	Grid Mod - Electric	\$3,049,000	\$9,156,018	\$13,951,232	\$17,059,544
2	AMI - Electric	\$2,000,000	\$9,386,982	\$13,127,594	\$25,255,307
3	Electric Transportation	\$0	\$920,583	\$1,496,285	\$2,563,267
4	Electric Heat	\$0	\$383,093	\$406,193	\$454,646
5	Energy Storage	\$0	\$115,164	\$267,682	\$422,699
6	Solar	\$0	\$79,708	\$369,516	\$951,409
7	Total Electric	\$5,049,000	\$20,041,548	\$29,618,502	\$46,706,872
8	Grid Mod - Gas	\$0	\$4,531,839	\$6,486,451	\$8,089,428
9	AMI - Gas	\$0	\$3,744,704	\$2,158,977	\$2,447,779
10	Total Gas	\$0	\$8,276,544	\$8,645,428	\$10,537,207
11	Total Gas and Electric	\$5,049,000	\$28,318,092	\$38,263,930	\$57,244,079

Division 19-9

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 ("Geographic Information System (GIS) Data Enhancement"), please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the GIS Data Enhancement being implemented first or concurrently.

Response:

Grid Modernization projects identified in Chapter 3, which are dependent on the Geographic Information System (GIS) Data Enhancement being implemented first, or concurrently, are the DSCADA & ADMS and Advanced Analytics projects. Other PST projects - including System Data Portal, Telecommunications and Advanced Meter Functionality (AMF) - would see enabling benefits and capabilities from GIS Data Enhancement. For example, GIS Data Enhancements will enable the collection of better data, so the Company can plan, operate and deploy Telecommunications and AMF assets more effectively.

(This response is identical to the Company's response to Division 6-9 in Docket No. 4780.)

Division 19-10

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 ("Geographic Information System (GIS) Data Enhancement"), please provide a breakdown of the costs of the project by (a) software and other shared assets used by multi-jurisdictions and (b) costs related solely to populating Rhode Island data.

Response:

The Rhode Island portion of GIS Data Enhancement costs for software and other shared assets for the Information Systems (IS) that would be used by multiple jurisdictions is provided in Table 3-8, Chapter 3 and replicated below.

Table 3-8: GIS Data Enhancement Cash Flow Estimate for IS Resources - Multi-Jurisdiction Scenario

GIS Data Enhancement (IS) Cash Flow, \$M	FY19		FY20		FY20 FY21		FY22		2 FY	
CAPEX	\$	-	\$	-	\$	-	\$	-	\$	-
O&M	S	0.43	S	-	S	-	\$	-	\$	-
Total	S	0.43	\$	-	\$	-	S	-	\$	-

Table 3-7 in Chapter 3, and replicated below, shows the software and other IS asset costs for the Rhode Island Only scenario, under the assumption that no other jurisdictions would contribute to these IS resources costs.

Table 3-7: GIS Data Enhancement Cash Flow Estimate for IS Resources - Rhode Island Only Scenario

GIS Data Enhancement (IS) Cash Flow, \$M	F	F Y19		FY20		FY21		FY22		Y 23
CAPEX	S	-	S	-	S	-	S	-	\$	-
O&M	\$	3.05	S	-	\$	-	S	-	\$	-
Total	\$	3.05	S	-	S	-	S	-	\$	-

Non-IS Resources costs related solely to populating Rhode Island data are provided in Table 3-9, Chapter 3 and replicated below.

Table 3-9: GIS Data Enhancement Cash Flow Estimate for Non-IS Resources

GIS Data Enhancement (Non-IS) Cash Flow, \$M		FY19	19 FY20		F Y21	FY22		F	Y23
CAPEX	S	-	S	-	\$ -	S	-	S	-
O&M	S	-	S	-	\$ 1.03	S	1.03	S	1.03
Total	\$		\$	-	\$ 1.03	\$	1.03	S	1.03

(This response is identical to the Company's response to Division 6-10 in Docket No. 4780.)

Division 19-11

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 ("Geographic Information System (GIS) Data Enhancement") and Appendices 10.2 (page 1 of 21) and 10.3 (page 1 of 21), please explain why the revenue requirement shown on line 4 for GIS Data Enhancement is identical for both the Rhode Island alone and multi-jurisdictional scenarios.

Response:

The GIS Data Enhancement project consists of two elements: GIS software enhancements (i.e., Information Systems (IS) Resources) and the population of appropriate data in the GIS system (i.e., Non-IS Resources). GIS software enhancements have the potential to be utilized in other affiliated jurisdictions, whereas the population of data is specific to Rhode Island. The FY20 through FY22 revenue requirements presented on line 4 in Appendices 10.2 and 10.3 represents the Non-IS Resources portion of the GIS Data Enhancement operating and maintenance (O&M) costs, which would be the same costs in both scenarios.

(This response is identical to the Company's response to Division 6-11 in Docket No. 4780.)

Division 19-12

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 55, Section 3.4.3 ("Geographic Information System (GIS) Data Enhancement"), Table 3-7:

- a. Is the Company proposing to recover the \$3.05 million shown for FY19 in the PST cost tracker tariff?
- b. Is there any reason why this amount could not be amortized over the life of the system instead of recovered in one year?
- c. Please indicate how much of the \$3.05 million results from Service Company rental charges and ordinary O&M from the Service Company.

Response:

- a. Yes. The Company is seeking to recover the Fiscal Year (FY) 2019 operating and maintenance (O&M) costs associated with the GIS Data Enhancement project. Please see Attachment DIV 19-8-1 (Rhode Island-only scenario), Attachment DIV 19-8-2 (Multi-Jurisdiction scenario), and Attachment DIV 19-8-3 (Summary) provided with the response to Division 19-8, which show the revenue requirements of Information System (IS) National Grid USA Service Company, Inc. assets for each Grid Modernization initiative, including GIS Data Enhancement. Please note that the Company has updated the revenue requirements for the GIS Data Enhancement project for both the Rhode Island-only and the Multi-Jurisdiction scenarios, so they represent the impacts of the FY2019 spending.
- b. The FY2019 expenditures for the GIS Data Enhancement project are O&M expenses. This amount could be amortized over the life of the asset with a return; however, the Company's proposal provides a better matching of accounting costs and cash flows.
- c. All of the costs associated with the GIS Data Enhancement are O&M costs that would flow through to the Company directly, in both the Rhode Island-only and Multi-Jurisdiction scenarios. Because there are no National Grid USA Service Company, Inc. capital costs associated with this project, there would be no rent expense generated as a result of a capital asset, and the entire \$3.05 million (in the Rhode Island-only scenario) is then considered O&M flow through. Please see Attachment DIV 19-8-1 (Rhode Island-only scenario) and Attachment DIV 19-8-3 (Summary) provided with the response to Division 19-8, which show the revenue requirement of IS National Grid USA Service

Company, Inc. assets for each Grid Modernization initiative, including GIS Data Enhancement.

(This response is identical to the Company's response to Division 6-12 in Docket No. 4780.)

Division 19-13

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 48-53, Sections 3.4.1 and 3.4.2 (DSCADA & ADMS), please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the DSCADA & ADMS being implemented first or concurrently.

Response:

None of the Grid Modernization projects identified in Chapter 3 are dependent on DSCADA & ADMS being implemented first or concurrently. However, the scope of RTU Separation and GIS Data Enhancement, and Information Management projects may be altered if the DSCADA & ADMS project did not progress as proposed. In addition, DSCADA & ADMS allow for the inclusion and use of exponentially growing data from multiple grid modernization programs.

(This response is identical to the Company's response to Division 6-13 in Docket No. 4780.)

Division 19-14

Request:

Please identify any of the Grid Modernization initiatives in Chapter 3 of Power Sector Transformation Book PST-1 that cannot, as a practical matter (excluding reasons related to cost recovery), be implemented unless the project is done on a multi-jurisdictional basis.

Response:

DSCADA & ADMS would not be proposed (and have not been proposed in the Power Sector Transformation) to be implemented on a Rhode Island-only basis because Rhode Island and Massachusetts share a control room and a common instance of the control center operations system.

(This response is identical to the Company's response to Division 6-14 in Docket No. 4780.)

Division 19-15

Request:

Please identify any of the Grid Modernization initiatives in Chapter 3 of Power Sector Transformation Book PST-1 that the Company would not propose to implement on a multi-jurisdictional basis unless the Company is assured of recovering the costs from the other jurisdiction(s) before implementing it for the benefit of Rhode Island.

Response:

The Company would only propose the costs associated with Multi-Jurisdiction implementation scenarios if it were assured of recovering the costs from the other jurisdiction(s) before implementing the initiative(s) for the benefit of Rhode Island. These initiatives include: DSCADA & ADMS, GIS Data Enhancement (IS), Enterprise Service Bus, Data Lake, PI Historian, Advanced Analytics, Telecommunications, and Cybersecurity. In the event that the Company is not assured of recovering costs from the other jurisdiction(s), the Company would propose these initiatives on a Rhode Island-only basis, with the exception of DSCADA & ADMS. DSCADA & ADMS would not be proposed to be implemented on a Rhode Island-only basis because Rhode Island and Massachusetts share a control room and a common instance of the control center operations system.

(This response is identical to the Company's response to Division 6-15 in Docket No. 4780.)

Division 19-16

Request:

Referring to Chapter 3 of Power Sector Transformation Book PST-1, please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the implementation of Advanced Metering Functionality being implemented first or concurrently.

Response:

None of the Grid Modernization Programs identified in Chapter 3 are dependent on Advanced Metering Functionality (AMF) being implemented first or concurrently. However, some of the projects – including System Data Portal and DSCADA & ADMS - would see direct benefits or enhanced capability from AMF, and the need for other projects - including Operational Data Management, Telecommunications, and Cyber Security - grows with the implementation of AMF.

(This response is identical to the Company's response to Division 6-16 in Docket No. 4780.)

Division 19-17

Request:

To the extent the Company maintains that a PST project in Rhode Island is dependent upon the Massachusetts DPU approving cost recovery for parallel implementation in Massachusetts for the Company's Massachusetts affiliate, please explain why it is in the interest of Rhode Island ratepayers for Narragansett Electric to delay or decline to implement any such PST projects if the DPU does not approve cost recovery for the Company's Massachusetts' affiliate share of the cost.

Response:

The only Power Sector Transformation (PST) project in Rhode Island that is dependent upon the Massachusetts implementation is the DSCADA & ADMS project because Rhode Island and Massachusetts share a control room and a common instance of the control center operations system. Providing common tools and implementing common work practices in the control center improve the efficiency and ensure the distribution system is operated safely and reliably for the benefit of Rhode Island customers.

(This response is identical to the Company's response to Division 6-17 in Docket No. 4780.)

Division 19-18

Request:

To the extent (i) the Rhode Island Commission directs the Company to pursue a Rhode Island standalone option for a PST project that has the future potential to benefit affiliates of the Company in Massachusetts or New York, (ii) Rhode Island funds the upfront costs for the project, and (iii) at a later date, one or more of the Company's affiliates later utilize the system that was funded by Rhode Island ratepayers, would the affiliates or the Service Company give a refund or some form of monetary credit to Rhode Island that effectively results in the affiliates then using the system paying their allocated share of the upfront costs? If the answer would depend upon which PST project is involved, please also specify and explain.

Response:

If the Public Utilities Commission directs the Company to progress a Rhode Island-only scenario, cost allocation between affiliate companies would progress as follows: For operating and maintenance (O&M) expenditures, costs would initially be allocated 100 percent to the Company as they are being incurred. If, during a fiscal year the project transitions to a multijurisdictional project, the O&M costs within that fiscal year and future fiscal years can be reallocated appropriately. O&M costs for any previously closed fiscal years cannot be reallocated retrospectively. Capital costs for a project that has the potential to be utilized in a multi-jurisdictional manner will be created as National Grid USA Service Company, Inc. (Service Company) assets. Capital costs will be accounted for in the Service Company accounts and when placed in service, an allocated rental expense will be charged to the operating companies utilizing the asset. Therefore, if only the Company is utilizing the asset, 100 percent of the assets rental expense would be borne by Rhode Island. The allocation of rental expense can be adjusted for going forward rents as new entities utilize the asset. The rent expense allocation would be based on the remaining net book value of the asset and would be shared proportionately by each benefitting operating company based on an appropriate allocation methodology.

(This response is identical to the Company's response to Division 6-18 in Docket No. 4780.)

Division 19-19

Request:

Are there any Cybersecurity projects being proposed in Dockets 4770 and 4780 that overlap in purpose?

Response:

The capabilities proposed in Docket 4780 are incremental to the capabilities set forth by the Cyber Security 1 and Cyber Security 2 Programs included in Docket 4770, and will be delivered and tracked as separate programs. Docket 4780 introduces new objectives and complexities, such as increased third party and customer interactions, that were not previously considered during definition of the Cyber Security 1 and Cyber Security 2 Programs proposed in Docket 4770. The Company will assess capabilities to leverage potential synergies in capability, cost, and delivery at the respective time of investment.

(This response is identical to the Company's response to Division 6-19 in Docket No. 4780.)

Division 19-20

Request:

Please provide a schedule of all Cybersecurity projects proposed in both Dockets 4770 and 4780, including total cost estimated for Rhode Island. Please also indicate whether the Cybersecurity project is solely for Rhode Island or multi-jurisdictional.

Response:

Please see Excel Attachment DIV 19-20, which presents the schedule for the suite of Cyber Security projects proposed in Docket 4770, including total cost estimated for Rhode Island for a Multi-Jurisdiction scenario. Note that a Rhode Island-only scenario is not applicable to the projects presented in the Docket 4770 filing. Please also see Attachment DIV 19-8-1 and Attachment DIV 19-8-2 provided with the response to Division 19-8, which presents the revenue requirements for the Power System Transformation (PST) Cyber Security programs proposed in Docket 4780 for both the Rhode Island-only and Multi-Jurisdiction scenarios, respectively, including total cost estimated for Rhode Island. Note that the PST Cyber Security programs have not been developed to the level of detail required to estimate individual project costs at this point. Also note that the Cyber Security capabilities proposed in Docket 4780 are incremental to the capabilities set forth by the Cyber Security program included in Docket 4770, and will be delivered and tracked as separate programs.

(This response is identical to the Company's response to Division 6-20 in Docket No. 4780.)

Division 19-21

Request:

Referring to Power Sector Transformation Book PST-2, Appendices 10.2 (page 1 of 21) and 10.3 (page 1 of 21):

- a. Please provide a breakdown of the revenue requirement for each of the projects for the same years shown in these Appendices, (i) by O&M and (ii) by revenue requirement for projects capitalized on the books of Narragansett Electric.
- b. Please also include an additional column showing the breakdown of the revenue requirement (if any) for each of the projects shown in these Appendices, but for Fiscal Year Ending March 31, 2019. Please also breakdown (i) by O&M and (ii) by revenue requirement for projects capitalized on the books of Narragansett Electric.
- c. In a separate schedule, for each project and fiscal year, please also show the amounts of the revenue requirement attributable to charges from the Service Company and Service Company rents associated with projects capitalized on the books of the Service Company for each of the fiscal years.

Response:

- a. Please see Attachment DIV 19-8-1 (Rhode Island-only Scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction Scenario), provided with the response to Division 19-8 for a breakdown of the revenue requirement for each of the Grid Modernization initiatives for the same years shown in Appendices 10.2 and 10.3.
- b. Please see Attachment DIV 19-8-1 (Rhode Island-only Scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction Scenario), provided with the response to Division 19-8 for a breakdown of the revenue requirement for each of the Grid Modernization initiatives that includes a column for Fiscal Year 2019 operating and maintenance and revenue requirement for projects capitalized.
- c. Please see Page 1 (Summary), Lines 4 through 11 in Attachment DIV 19-8-1 (Rhode Island-only Scenario) and Attachment DIV 19-8-2 (Multi-Jurisdiction Scenario), provided with the response to Division 19-8, which show the revenue requirements of Information System National Grid USA Service Company, Inc. assets for each Grid Modernization initiative.

(This response is identical to the Company's response to Division 6-21 in Docket No. 4780.)