

October 14, 2020

VIA ELECTRONIC MAIL

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

**RE: Docket 4770 – Electric Earnings Sharing Mechanism
Earnings Report - Twelve Months Ended December 31, 2019
Responses to PUC Data Request – Set 3**

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed an electronic version of the Company's responses to the Public Utilities Commission's Third Set of Data Requests in the above-referenced matter.² In this transmittal, the Company is providing its responses to PUC 3-7, 3-8, 3-17, and 3-19.

The Company's response to PUC 3-18 is pending.

The Company received an extension on the following requests: PUC 3-10, 3-11, 3-14, 3-16, 3-20, and 3-25.

Thank you for your attention to this transmittal. If you have any questions regarding this filing, please contact me at 401-784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

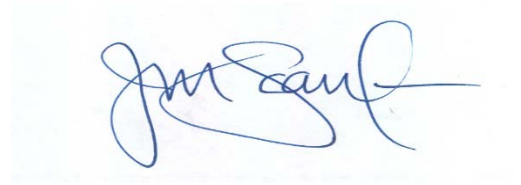
cc: Docket 4770 Service List
John Bell, Division
Christy Hetherington, Esq.
Leo Wold, Esq.

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

² Per Commission counsel's update on October 2, 2020, concerning the COVID-19 emergency period, the Company is submitting an electronic version of this filing. The Company will provide the Commission Clerk with five (5) hard copies and, if needed, additional hard copies of the enclosures upon request.

Certificate of Service

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



Joanne M. Scanlon

October 14, 2020

Date

**National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST)
Combined Service list updated 8/12/2020**

Docket No. 4770 Name/Address	E-mail Distribution List	Phone
National Grid Jennifer Hutchinson, Esq. Celia O'Brien, Esq. National Grid 280 Melrose St. Providence, RI 02907 Electric Transportation: Bonnie Crowley Raffetto, Esq. Nancy Israel, Esq. National Grid 40 Sylvan Road Waltham, MA 02451	Jennifer.hutchinson@nationalgrid.com ;	781-907-2153 401-784-7288
	Andrew.marcaccio@nationalgrid.com ;	
	Celia.obrien@nationalgrid.com ;	
	Najat.coye@nationalgrid.com ;	
	Joanne.scanlon@nationalgrid.com ;	
	Bill.Malee@nationalgrid.com ;	
	Melissa.little@nationalgrid.com ;	
	William.richer@nationalgrid.com ;	
	Theresa.burns@nationalgrid.com ;	
	Ann.leary@nationalgrid.com ;	
	Scott.mccabe@nationalgrid.com ;	
	kayte.o'neill2@nationalgrid.com ;	
	kate.grant2@nationalgrid.com ;	
	Timothy.roughan@nationalgrid.com ;	
	Jason.Small@nationalgrid.com ;	
Adam Ramos, Esq. Hinckley Allen 100 Westminster Street, Suite 1500 Providence, RI 02903-2319	aramos@hinckleyallen.com ;	401-457-5164
John Habib Keegan Werlin LLP 99 High Street, Suite 2900 Boston, MA 02110	jhabib@keeganwerlin.com ;	617-951-1400
Division of Public Utilities (Division) Leo Wold, Esq. Christy Hetherington, Esq. Division of Public Utilities and Carriers	Chetherington@riag.ri.gov	401-780-2140
	Leo.Wold@dpuc.ri.gov ;	
	Margaret.L.Hogan@dpuc.ri.gov ;	

89 Jefferson Blvd. Warwick, RI 02888	John.bell@dpuc.ri.gov ;	
	Al.mancini@dpuc.ri.gov ;	
	Thomas.kogut@dpuc.ri.gov ;	
Tim Woolf Jennifer Kallay Synapse Energy Economics 22 Pearl Street Cambridge, MA 02139	twoolf@synapse-energy.com ;	617-661-3248
	jkallay@synapse-energy.com ;	
	mwhited@synapse-energy.com ;	
David Efron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	Djeffron@aol.com ;	603-964-6526
Gregory L. Booth, PLLC 14460 Falls of Neuse Rd. Suite 149-110 Raleigh, N. C. 27614	gboothpe@gmail.com ;	919-441-6440
		919-810-1616
Linda Kushner L. Kushner Consulting, LLC 514 Daniels St. #254 Raleigh, NC 27605		
Office of Energy Resources (OER) Albert Vitali, Esq. Dept. of Administration Division of Legal Services One Capitol Hill, 4 th Floor Providence, RI 02908	Albert.Vitali@doa.ri.gov ;	401-222-8880
	nancy.russolino@doa.ri.gov ;	
	Christopher.Kearns@energy.ri.gov ;	
	Nicholas.Ucci@energy.ri.gov ;	
	Becca.Trietch@energy.ri.gov ;	
	Carrie.Gill@energy.ri.gov ;	
	Yasmin.Yacoby.CTR@energy.ri.gov ;	
Conservation Law Foundation (CLF) Jerry Elmer, Esq. Max Greene, Esq. Conservation Law Foundation 235 Promenade Street Suite 560, Mailbox 28 Providence, RI 02908	jelmer@clf.org ;	401-228-1904
	mgreene@clf.org ;	
Dept. of Navy (DON) Kelsey A. Harrer, Esq. Office of Counsel NAVFAC Atlantic, Department of the Navy 6506 Hampton Blvd. Norfolk, VA 23508-1278	kelsey.a.harrer@navy.mil ;	757-322-4119

Kay Davoodi, Director Larry R. Allen, Public Utilities Specialist Utilities Rates and Studies Office NAVFAC HQ, Department of the Navy 1322 Patterson Avenue SE Suite 1000 Washington Navy Yard, D.C. 20374	khojasteh.davoodi@navy.mil ;	
	larry.r.allen@navy.mil ;	
Ali Al-Jabir Maurice Brubaker Brubaker and Associates	aaljabir@consultbai.com ;	
New Energy Rhode Island (NERI) Seth H. Handy, Esq. Handy Law, LLC 42 Weybosset St. Providence, RI 02903 The RI League of Cities and Towns c/o Brian Daniels, Executive Director PRISM & WCRPC c/o Jeff Broadhead, Executive Director Newport Solar c/o Doug Sabetti Green Development, LLC c/o Hannah Morini Clean Economy Development, LLC c/o Julian Dash ISM Solar Development, LLC c/o Michael Lucini Heartwood Group, Inc. c/o Fred Unger	seth@handylawllc.com ;	401-626-4839
	helen@handylawllc.com ;	
	randelle@handylawllc.com ;	
	bdaniels@rileague.org ;	401 272-3434
	jb@wcrpc.org ;	401-792-9900
	doug@newportsolarri.com ;	401.787.5682
	hm@green-ri.com ;	
	jdash@cleaneconomydevelopment.com ; ;	
Energy Consumers Alliance of NE James Rhodes Rhodes Consulting 860 West Shore Rd. Warwick, RI 02889 Larry Chretien, PPL	mlucini@ismgroup.com ;	401.435.7900
	unger@hrtwd.com ;	401.861.1650
	jamie.rhodes@gmail.com ;	401-225-3441
	larry@massenergy.org ;	

Acadia Center Robert D. Fine, Esq. Chace, Ruttenberg & Freedman, LLP One Park Row, Suite 300 Providence, RI 02903 Amy Boyd, Esq. Acadia Center 31 Milk St., Suite 501 Boston MA 02109-5128	rfine@crflp.com ;	401-453-6400 Ext. 115
	aboyd@acadiacenter.org ;	617-472-0054 Ext. 102
Northeast Clean Energy Council Joseph A. Keough, Jr., Esq. Keough & Sweeney 41 Mendon Ave. Pawtucket, RI 02861 Jeremy McDiarmid, NECEC Dan Bosley, NECEC Sean Burke	jkeoughjr@keoughsweeney.com ;	401-724-3600
	jmcdiarmid@necec.org ;	
	dbosley@necec.org ;	
	sburke@necec.org ;	
The George Wiley Center Jennifer Wood Rhode Island Center for Justice 1 Empire Plaza, Suite 410 Providence, RI 02903 Camilo Viveiros, Wiley Center	jwood@centerforjustice.org ;	401-491-1101
	georgewileycenterri@gmail.com ;	
	Camiloviveiros@gmail.com ;	
	chloechassaing@hotmail.com ;	
Wal-Mart Stores East & Sam's East, Inc. Melissa M. Horne, Esq. Higgins, Cavanagh & Cooney, LLC 10 Dorrance St., Suite 400 Providence, RI 02903 Gregory W. Tillman, Sr. Mgr./ERA Walmart	mhorne@hcc-law.com ;	401-272-3500
	Greg.tillman@walmart.com ;	479-204-1594
AMTRAK Clint D. Watts, Esq. Paul E. Dwyer, Esq. McElroy, Deutsch, Mulvaney & Carpenter 10 Dorrance St., Suite 700 Providence, RI 02903 Robert A. Weishaar, Jr., Esq. Kenneth R. Stark, Esq.	CWatts@mdmc-law.com ;	401-519-3848
	PDwyer@mdmc-law.com ;	
	BWeishaar@mcneeslaw.com ;	
	KStark@mcneeslaw.com ;	

Original & 9 copies file w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov ;	401-780-2107
	Cynthia.WilsonFrias@puc.ri.gov ;	
	Alan.nault@puc.ri.gov ;	
	Todd.bianco@puc.ri.gov ;	
	Margaret.hogan@puc.ri.gov ;	
	John.harrington@puc.ri.gov ;	
DOCKET NO. 4780		
ChargePoint, Inc. Edward D. Pare, Jr., Esq. Brown Rudnick LLP One Financial Center Boston, MA 02111 Anne Smart, Charge Point, Inc.	EPare@brownrudnick.com ;	617-856-8338
	jreyes@brownrudnick.com ;	
	Anne.Smart@chargepoint.com ;	
	Kevin.Miller@chargepoint.com ;	
Direct Energy Craig R. Waksler, Esq. Eckert Seamans Cherin & Mellott, LLC Two International Place, 16 th Floor Boston, MA 02110 Marc Hanks, Sr. Mgr./GRA Direct Energy Services,	cwaksler@eckertseamans.com ;	617-342-6800
	rmmurphy@eckertseamans.com ;	413-642-3575
	dclearfield@eckertseamans.com ;	
	Marc.hanks@directenergy.com ;	
INTERESTED PERSONS		
EERMC Marisa Desautel, Esq	marisa@desautelesq.com ;	401-477-0023
	guerard@optenergy.com ;	
John DiTomasso, AARP	jditomasso@aarp.org ;	401-248-2655
Frank Epps, EDP	Frank@edp-energy.com ;	
Matt Davey	mdavey@ssni.com ;	
Jesse Reyes	JReyes@brownrudnick.com ;	
Nathan Phelps	nathan@votesolar.org ;	
Douglas W. Gablinske, TEC-RI	doug@tec.ri.org ;	
Radina Valova, Pace Energy & Climate Ctr.	rvalova@law.pace.edu ;	
Marc Hanks, Sr. Mgr./GRA Direct Energy Services	Marc.hanks@directenergy.com ;	413-642-3575
	cwaksler@eckertseamans.com ;	
Lisa Fontanella	Lisa.Fontanella@spglobal.com ;	
Janet Gail Besser, SEPA (Smart Electric Power Alliance)	jbesser@sepapower.org ;	
Frank Lacey, EAC Power	frank@eacpower.com ;	
Hank Webster Policy Advocate & Staff Attorney Acadia Center 144 Westminster Street, Suite 203 Providence, RI 02903-2216	hwebster@acadiacenter.org ;	401-276-0600

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Responses to Commission's Third Set of Data Requests
Issued on September 22, 2020

PUC 3-7

Request:

Please explain the relationship of the imputed costs billed to NEP for the BITS assets and the actual costs incurred by the Company from the BITS assets, and how they are addressed in rate accounting for determining transmission costs that need to be removed from the PUC-jurisdictional distribution cost of service. For example, in a given year, if the BITS formula rate imputed \$1 million in O&M expenses, but actual O&M expenses were \$250,000, please explain how the Company would account for the \$250,000 of actual expenses incurred, along with the \$1 million of imputed cost when developing the distribution cost of service? Similarly, how would the Company account for any actual municipal taxes versus any imputed municipal taxes?

Response:

In developing its electric distribution cost of service, the Company would exclude actual BITS rate base and related expenses from the test year balances used to develop the rate year cost of service. In its last electric distribution rate case, the Company excluded actual BITS-related rate base (BITS assets placed into service, related depreciation expense and accumulated deferred income taxes), as well as actual municipal tax expense from its electric distribution cost of service. In the last test year (12 months ended June 30, 2017) the total actual O&M expense related to BITS was de minimis, and therefore, no normalizing adjustment was made to reduce test year O&M. In addition, all BITS-related revenue recorded during the test year, representing the imputed return and expenses calculated using the Distribution Carrying Charge calculation, was also excluded from the electric distribution cost of service.

In the example provided, the Company would remove the actual \$250,000 of O&M expense from the distribution cost of service as well as the \$1 million in revenue representing the imputed O&M costs. Similarly, the Company would exclude actual municipal tax expense from the distribution cost of service as well as the revenue representing the imputed municipal taxes.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Responses to Commission's Third Set of Data Requests
Issued on September 22, 2020

PUC 3-8

Request:

Please explain how the BITS surcharge, the imputed cost components for the BITS assets, and actual costs incurred by the Company from the BITS were addressed in the test year and rate year cost-of-service used in the rate case in Docket 4770. Please provide copies of any specific schedules used in the rate case that would have identified how the BITS surcharge and imputed cost components were taken into account in the building of the distribution revenue requirement.

Response:

The following normalizing adjustments were made to the test year to remove BITS-related rate base as well as the associated revenue and expenses from the distribution cost of service in RIPUC Docket No. 4770:

Docket No. 4770 Compliance Filing dated August 16, 2018
Amended Settlement Agreement, Book 1 of 7, Compliance Attachment 2

- Schedule 2-ELEC Revenue, Bates Page 138 (Page 3 of Attachment PUC 3-8): remove BITS-related revenue based on imputed cost components (Line 18)
- Schedule 6-ELEC Depreciation expense, Bates Page 163 (Page 7 of Attachment PUC 3-8): remove actual depreciation expense on BITS assets (Lines 34 – 37, Column (c))
- Schedule 6-ELEC Depreciation Expense, Bates Page 165 (Page 9 of Attachment PUC 3-8): remove actual accumulated depreciation expense on BITS assets (Lines 33 – 35, Column (c))
- Schedule 7-ELEC Municipal taxes, Bates Page 176 (Page 14 of Attachment PUC 3-8): remove the actual assessed value of transmission and BITS-related property in Column (c). The towns of Narragansett and New Shoreham are shown on Lines 15 and 16.
- Schedule 11-ELEC Rate Base, Bates Page 217 (Page 23 of Attachment PUC 3-8): remove actual plant in service (Line 1), accumulated depreciation (Line 5) and accumulated deferred income taxes (Line 19) associated with Transmission and BITS assets. Total Electric rate base on Page 24 of Attachment PUC 3-8 less the Transmission and BITS rate base from Page 23 totals the Electric Distribution rate base on Page 22.

As actual O&M expense incurred during the test year was de minimis, no adjustment was made to reduce distribution operating expenses for BITS-related O&M in the test year.

Please refer to copies of the Docket No. 4770 Compliance Attachment 2 Schedules referenced above as included with this response in Attachment PUC 3-8.

The Narragansett Electric Company

d/b/a National Grid

INVESTIGATION AS TO THE
PROPRIETY OF PROPOSED TARIFF
CHANGES

Compliance Filing

Amended Settlement Agreement
Compliance Attachment 1 through
Compliance Attachment 2 Schedule 13

Book 1 of 7

August 16, 2018

Submitted to:
Rhode Island Public Utilities Commission
RIPUC Docket Nos. 4770/4780

Submitted by:

nationalgrid

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/ 4780
Witness: Little

Compliance Attachment 2

Schedule 2-ELEC

Revenue– Electric

The Narragansett Electric Company d/b/a National Grid
Electric Operations Revenues by Component
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019

Description	Test Year Ended	Normalizing	Test Year Ended	Proforma	Rate Year Ending	Adjustments to	Rate Year Ending	Adjustments to	Rate Year Ending
	June 30, 2017	Adjustments	June 30, 2017	Adjustments	August 31, 2019	Reflect	August 31, 2020	Reflect	August 31, 2021
	(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)	Conditions in Rate	(f)	Conditions in Rate	(h)
						Year Ending	(g) = (e) + (f)	Year Ending	(i) = (g) + (h)
1 <u>Firm Revenues:</u>									
2 Customer	\$56,691,544	(\$488,501)	\$56,203,043	\$2,265,282	\$58,468,325	12,038,936	\$70,507,261	3,870,311	\$74,377,572
3 Distribution	\$181,979,904	\$3,009,507	\$184,989,411	(\$5,602,580)	\$179,386,831	-	\$179,386,831	-	\$179,386,831
4 Revenue Decoupling Mechanism	\$2,933,071	\$7,047,475	\$9,980,546	\$3,337,298	\$13,317,844	-	\$13,317,844	-	\$13,317,844
5 Subtotal of Annual Target Revenue	\$241,604,519	\$9,568,481	\$251,173,000	\$0	\$251,173,000	\$12,038,936	\$263,211,936	\$3,870,311	\$267,082,247
6									
7 Infrastructure, Safety and Reliability Capital	\$18,366,740	(\$1,782,009)	\$16,584,731	(\$538,335)	\$16,046,396	\$0	\$16,046,396	\$0	\$16,046,396
8 Infrastructure, Safety and Reliability Capital Adjustment	\$2,904,568	\$2,904,568	\$2,904,568	\$437,848	\$3,342,416	\$0	\$3,342,416	\$0	\$3,342,416
9 Total Base Distribution Revenues	\$18,366,740	\$1,122,559	\$19,489,299	(\$100,487)	\$19,388,812	\$0	\$19,388,812	\$0	\$19,388,812
10									
11 Total Base Distribution Revenues	\$259,971,259	\$10,691,040	\$270,662,299	(\$100,487)	\$270,561,812	\$12,038,936	\$282,600,748	\$3,870,311	\$286,471,059
12									
13 Other Distribution Revenues:									
14 Forfeited Discounts - Electric	\$1,657,293	\$0	\$1,657,293	\$0	\$1,657,293	\$0	\$1,657,293	\$0	\$1,657,293
15 Misc Service Revenue - Electric	\$233,788	\$1,276,523	\$1,510,311	(\$141,992)	\$1,368,319	\$0	\$1,368,319	\$0	\$1,368,319
16 Rent from Electric Property	\$3,822,134	(\$937,241)	\$2,884,893	\$0	\$2,884,893	\$0	\$2,884,893	\$0	\$2,884,893
17 Other Electric Revenue - Misc	\$1,882,811	\$0	\$1,882,811	\$0	\$1,882,811	\$0	\$1,882,811	\$0	\$1,882,811
18 Other Elec Rev-Block Island & Dist Surcharges	\$9,680,425	(\$9,086,137)	\$594,288	\$0	\$594,288	\$0	\$594,288	\$0	\$594,288
19 Other Elec Rev-CIAC	\$1,197,705	(\$1,197,705)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20 Other Elec Rev-RISE EE Billings	\$131,920	(\$131,920)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 M-1 Distribution Revenue	\$146,486	(\$3,959)	\$142,527	\$0	\$142,527	\$0	\$142,527	\$0	\$142,527
22 Subtotal Distribution Revenue	\$278,723,821	\$610,601	\$279,334,422	(\$242,479)	\$279,091,943	\$12,038,936	\$291,130,879	\$3,870,311	\$295,001,190
23									
24 Other Delivery and Commodity Revenue:									
25 Standard Offer Administrative	\$10,331,312	(\$10,331,312)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26 Infrastructure, Safety and Reliability Operating & Maintenance	\$8,360,493	(\$8,360,493)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27 Transmission	\$181,281,258	(\$181,281,258)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28 Competitive Transition Charge	\$978,140	(\$978,140)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29 Commodity	\$269,132,978	(\$269,132,978)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30 Energy Efficiency	\$78,518,199	(\$78,518,199)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31 Pension Adjustment Factor	\$4,724,675	(\$4,724,675)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32 Storm Fund Replenishment Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33 RE Growth	\$2,033,798	(\$2,033,798)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34 Long-Term Contracting for Renewable Energy Recovery Provision	\$34,690,580	(\$34,690,580)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Net Metering	\$3,283,480	(\$3,283,480)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36 Gross Receipts Tax	\$34,789,546	(\$34,789,546)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37 Total Other Operating Revenues	\$628,124,459	(\$628,124,459)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38									
39									
40 Total Operating Revenues	\$906,848,280	(\$627,513,858)	\$279,334,422	(\$242,479)	\$279,091,943	\$12,038,936	\$291,130,879	\$3,870,311	\$295,001,190

Column Notes

- (a) Per Workpaper PP-1-ELEC Page 1, Column (a)
- (b) Lines (2) through (22) Column (c) - Column (a)
- (b) Lines (25) through (37): - Column (a)
- (c) Lines (2) through (22) per Workpaper PP-1-ELEC, Page 1, Column (b)
- (c) Lines (25) through (37): Column (a) + Column (b)
- (d) Lines (2) through (22) per Workpaper PP-1-ELEC, Page 1, Column (c)
- (d) Lines (25) through (37): No Proforma Adjustments
- (e) Column (c) + Column (d)
- (f) Line (3) per Schedule 1-ELEC, Page 1, Line (45) Column (e)
- (f) Line (7) per Workpaper 12-ELEC, Page 1, Line (17) Column (h)
- (g) Column (e) + Column (f)
- (h) Line (3) per Schedule 1-ELEC, Page 2, Line (45) Column (e)
- (h) Line (7) per Workpaper 12-ELEC, Page 1, Line (17) Column (i)
- (i) Column (g) + Column (h)

Line Notes

- 5 Sum of Line 2 through Line 4
- 9 Line 7 + Line 8
- 11 Line 5 + Line 9
- 22 Sum of Line 11 through Line 22
- 37 Sum of Line 25 through Line 36
- 40 Line 22 + Line 37

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/ 4780
Witness: Little

Compliance Attachment 2

Schedule 6-ELEC

Depreciation– Electric

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8
Page 5 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 6-ELEC
Page 1 of 5

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

Line No.	Description	Reference	Amount
		(a)	(b)
1	Total Company Rate Year Distribution Depreciation Expense	Sum of Page 2, Line 16 and Line 17	\$50,128,332
2	Test Year Depreciation Expense	Per Company Books	\$69,031,187
3	Less : Test Year IFA related Depreciation Expense	Page 4, Line 30, Column (c)	(\$19,814,202)
4	Less: ARO and other adjustments	Page 4, Line 30, Column (b) + Column (d)	(\$55,610)
5	Adjusted Total Company Test Year Distribution Depreciation Expense	Sum of Line 2 through Line 4	\$49,161,375
6	Depreciation Expense Adjustment	Line 1 - Line 5	\$966,957
7			
8			Per Book
9	Test Year Depreciation Expense 12 Months Ended 06/30/17:		Amount
10	Total Distribution Utility Plant 06/30/17	Page 4, Line 28, Column (e)	\$2,141,474,644
11	Less Non Depreciable Plant	Page 4, Line 26, Column (e)	(\$627,567,742)
12	Depreciable Utility Plant 6/30/17	Line 10 + Line 11	\$1,513,906,902
13			
14	Plus: Added Plant 2 Mos Ended 08/31/17	Schedule 11-ELEC, Page 6, Line 7	\$12,473,833
15	Less: Streetlights retired in the 2 Mos Ended 08/31/17	Per Company Books	(\$1,057,011)
16	Less: Retired Plant 2 Months Ended 08/31/17	1/ Line 14 x Retirement Rate	(\$3,699,739)
17	Depreciable Utility Plant 08/31/17	Line 12 + Line 14 + Line 16	\$1,521,623,985
18			
19	Average Depreciable Plant from 06/30/17 to 08/31/17	(Line 12 + Line 17)/2	\$1,517,765,443
20			
21	Composite Book Rate %	As Approved in R.I.P.U.C. Docket No. 4323	3.40%
22			
23	Book Depreciation Reserve 06/30/17	Page 5, Line 69, Column (e)	\$652,405,159
24	Plus: Book Depreciation Expense excluding Streetlight Retirement	1/6 of (Line 19 excl. Line 15 x Line 21)	\$8,603,666
25	Less: Streetlights retired in the 2 Mos Ended 08/31/17 and Dep. for 2 Mos	1/12 of (Line 15 x SL Dep Rate)	(\$1,307,36)
26	Less: Net Cost of Removal/(Salvage)	2/ Line 14 x Cost of Removal Rate	(\$1,281,063)
27	Less: Retired Plant	Line 16	(\$3,699,739)
28	Book Depreciation Reserve 08/31/17	Sum of Line 23 through Line 27	\$656,026,715
29			
30	Depreciation Expense 12 Months Ended 08/31/18		
31	Total Utility Plant 08/31/17	Line 10 + Line 14 + Line 15 + Line 16	\$2,149,191,727
32	Less Non Depreciable Plant	Line 11	(\$627,567,742)
33	Depreciable Utility Plant 08/31/17	Line 31 + Line 32	\$1,521,623,985
34			
35	Plus: Plant Added in 12 Months Ended 08/31/18	Schedule 11-ELEC, Page 6, Line 14	\$74,843,000
36	Less: Plant Retired in 12 Months Ended 08/31/18	1/ Line 35 x Retirement rate	(\$22,198,434)
37	Depreciable Utility Plant 08/31/18	Sum of Line 33 through Line 36	\$1,574,268,551
38			
39	Average Depreciable Plant for 12 Months Ended 08/31/18	(Line 33 + Line 37)/2	\$1,547,946,268
40			
41	Composite Book Rate %	As Approved in R.I.P.U.C. Docket No. 4323	3.40%
42			
43	Book Depreciation Reserve 08/31/17	Line 28	\$656,026,715
44	Plus: Book Depreciation 08/31/18	Line 39 x Line 41	\$52,630,173
45	Less: Net Cost of Removal/(Salvage)	2/ Line 35 x Cost of Removal Rate	(\$7,686,376)
46	Less: Retired Plant	Line 36	(\$22,198,434)
47	Book Depreciation Reserve 08/31/18	Sum of Line 43 through Line 46	\$678,772,079
1/	3 year average retirement over plant addition in service FY 15 ~ FY17	29.66%	Retirements
2/	3 year average Cost of Removal over plant addition in service FY 15 ~ FY17	10.27%	COR

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8
Page 6 of 40

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

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

Line No.	Description	Reference	Amount
		(a)	(b)
1	Rate Year Depreciation Expense 12 Months Ended 08/31/19:		
2	Total Utility Plant 08/31/18	Page 1, Line 31 + Line 35 + Line 36	\$2,201,836,293
3	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)
4	Depreciable Utility Plant 08/31/18	Line 2 + Line 3	<u>\$1,574,268,551</u>
5			
6	Plus: Added Plant 12 Months Ended 08/31/19	Schedule 11-ELEC, Page 6, Line 38	\$77,541,000
7	Less: Depreciable Retired Plant	1/ Line 6 x Retirement rate	(\$22,998,661)
8			
9	Depreciable Utility Plant 08/31/19	Sum of Line 4 through Line 7	<u>\$1,628,810,891</u>
10			
11	Average Depreciable Plant for Rate Year Ended 08/31/19	(Line 4 + Line 9)/2	<u>\$1,601,539,721</u>
12			
13	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.15%
14			
15	Book Depreciation Reserve 08/31/18	Page 1, Line 47	\$678,772,079
16	Plus: Book Depreciation Expense	Line 11 x Line 13	\$50,375,341
17	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)
18	Less: Net Cost of Removal/(Salvage)	2/ Line 6 x Cost of Removal Rate	(\$7,963,461)
19	Less: Retired Plant	Line 7	(\$22,998,661)
20	Book Depreciation Reserve 08/31/19	Sum of Line 15 through Line 19	<u>\$697,938,290</u>
21			
22	Rate Year Depreciation Expense 12 Months Ended 08/31/20:		
23	Total Utility Plant 08/31/19	Line 2 + Line 6 + Line 7	\$2,256,378,633
24	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)
25	Depreciable Utility Plant 08/31/19	Line 23 + Line 24	<u>\$1,628,810,891</u>
26			
27	Plus: Added Plant 12 Months Ended 08/31/20	Schedule 11-ELEC, Page 5, Line 15(i)	\$2,000,000
28	Less: Depreciable Retired Plant	1/ Line 27 x Retirement rate	(\$593,200)
29			
30	Depreciable Utility Plant 08/31/20	Sum of Line 25 through Line 28	<u>\$1,630,217,691</u>
31			
32	Average Depreciable Plant for Rate Year Ended 08/31/20	(Line 25 + Line 30)/2	<u>\$1,629,514,291</u>
33			
34	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.15%
35			
36	Book Depreciation Reserve 08/31/20	Line 20	\$697,938,290
37	Plus: Book Depreciation Expense	Line 32 x Line 34	\$51,255,262
38	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)
39	Less: Net Cost of Removal/(Salvage)	2/ Line 27 x Cost of Removal Rate	(\$205,400)
40	Less: Retired Plant	Line 28	(\$593,200)
41	Book Depreciation Reserve 08/31/20	Sum of Line 36 through Line 40	<u>\$748,147,943</u>
42			
43	Rate Year Depreciation Expense 12 Months Ended 08/31/21:		
44	Total Utility Plant 08/31/20	Line 23 + Line 27 + Line 28	\$2,257,785,433
45	Less Non-Depreciable Plant	Page 1, Line 11	(\$627,567,742)
46	Depreciable Utility Plant 08/31/20	Line 44 + Line 45	<u>\$1,630,217,691</u>
47			
48	Plus: Added Plant 12 Months Ended 08/31/21	Schedule 11-ELEC, Page 5, Line 15(l)	\$2,000,000
49	Less: Depreciable Retired Plant	1/ Line 48 x Retirement rate	(\$593,200)
50			
51	Depreciable Utility Plant 08/31/21	Sum of Line 46 through Line 49	<u>\$1,631,624,491</u>
52			
53	Average Depreciable Plant for Rate Year Ended 08/31/21	(Line 46 + Line 51)/2	<u>\$1,630,921,091</u>
54			
55	Proposed Composite Rate %	Page 4, Line 18, Column (f)	3.14543%
56			
57	Book Depreciation Reserve 08/31/20	Line 41	\$748,147,943
58	Plus: Book Depreciation Expense	Line 53 x Line 55	\$51,299,512
59	Plus: Unrecovered Reserve Adjustment	Schedule NWA-1-ELECTRIC, Part VI, Page 6	(\$247,009)
60	Less: Net Cost of Removal/(Salvage)	2/ Line 48 x Cost of Removal Rate	(\$205,400)
61	Less: Retired Plant	Line 49	(\$593,200)
62	Book Depreciation Reserve 08/31/21	Sum of Line 57 through Line 61	<u>\$798,401,846</u>
1/	3 year average retirement over plant addition in service FY 15 ~ FY17	29.66%	Retirements
2/	3 year average Cost of Removal over plant addition in service FY 15 ~ FY17	10.27%	COR

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 6-ELEC
Page 3 of 5

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

Line No.	Account No.	Account Title	Test Year June 30, 2017 (a)	1/ ARO Adjustment (b)	Transmission Plant June 30, 2017 (c)	Other Adjustments June 30, 2017 (d)	Adjusted Balance (e)	Proposed Rate (f)	Test Year Depreciation (g) = (e) x (f)
<u>Intangible Plant</u>									
1	303.00	Intangible Cap Software	\$440,739	\$0	\$0	(\$440,739)	(\$0)	0.00%	\$0
2									
3		Total Intangible Plant	\$440,739	\$0	\$0	(\$440,739)	(\$0)		\$0
4									
5	<u>Production Plant</u>								
6									
7	330.00	Land Hydro	\$6,989	\$0	\$0	\$0	\$6,989	0.00%	\$0
8	331.00	Struct & Improvements	\$1,993,757	\$0	\$0	\$0	\$1,993,757	0.00%	\$0
9	332.00	Reservoirs Dams And Water	\$1,125,689	\$0	\$0	\$0	\$1,125,689	0.00%	\$0
10									
11		Total Production Plant	\$3,126,434	\$0	\$0	\$0	\$3,126,434		\$0
12									
13	<u>Transmission Plant</u>								
14									
15	350.00	Land&Land Rights	\$9,121,773	\$0	(\$9,121,773)	\$0	\$0	0.00%	\$0
16	352.00	Structures And Improvements	\$5,796,211	\$0	(\$5,796,211)	\$0	\$0	0.94%	\$0
17	353.00	Transmission Station Equipment	\$296,170,454	\$0	(\$296,170,454)	\$0	\$0	2.43%	\$0
18	353.10	Sta Equip Poll Contl Facility	\$52,233	\$0	(\$52,233)	\$0	\$0	2.43%	\$0
19	354.00	Towers And Fixtures Transmission	\$1,554,741	\$0	(\$1,554,741)	\$0	\$0	7.44%	\$0
20	355.00	Poles And Fixtures Transmission	\$328,207,728	\$0	(\$328,207,728)	\$0	\$0	3.13%	\$0
21	356.00	Transmsn Conductr New	\$158,524,302	\$0	(\$158,524,302)	\$0	\$0	3.60%	\$0
22	356.10	Overhead Conductors And Devices	\$58,973	\$0	(\$58,973)	\$0	\$0	3.60%	\$0
23	356.20	Conductor And Devices	\$19,503	\$0	(\$19,503)	\$0	\$0	3.60%	\$0
24	357.10	Ug Transmission Manholes & Handholes	\$228,385	\$0	(\$228,385)	\$0	\$0	0.92%	\$0
25	357.20	Ug Transmission Conduit	\$4,601,701	\$0	(\$4,601,701)	\$0	\$0	0.92%	\$0
26	358.00	Underground Conductors And Devices	\$29,948,930	\$0	(\$29,948,930)	\$0	\$0	1.68%	\$0
27	359.00	Roads And Trails	\$492,182	\$0	(\$492,182)	\$0	\$0	0.82%	\$0
28	359.10	1/ Elect Equip ARO	\$67,114	\$0	(\$67,114)	\$0	\$0	0.00%	\$0
29									
30		Total Transmission Plant	\$834,844,229	\$0	(\$834,844,229)	\$0	\$0		\$0
31									
32	<u>Distribution Plant</u>								
33									
34	360.00	Land & Land Rights New	\$364,996	\$0	(\$364,996)	\$0	\$0	0.00%	\$0
35	362.00	Station Equipment	\$20,752,711	\$0	(\$20,752,711)	\$0	\$0	2.32%	\$0
36	365.00	Overhead Conductors and Devices	\$1,571,576	\$0	(\$1,571,576)	\$0	\$0	3.02%	\$0
37	367.10	Underground Conductors and Devices	\$83,518,730	\$0	(\$83,518,730)	\$0	\$0	2.52%	\$0
38	360.00	Land & Land Rights New	\$12,874,490	\$0	\$0	\$0	\$12,874,490	0.00%	\$0
39	360.10	Land Structures & Dist	\$95,396	\$0	\$0	\$0	\$95,396	0.00%	\$0
40	361.00	Struct & Improvements	\$10,144,741	\$0	\$0	\$0	\$10,144,741	1.36%	\$137,968
41	362.00	Station Equipment	\$253,879,227	\$0	\$0	\$0	\$253,879,227	2.19%	\$5,559,955
42	362.10	Station Equip Pollution	\$71,597	\$0	\$0	\$0	\$71,597	2.19%	\$1,568
43	362.55	Station Equipment - Energy Management System	\$663,280	\$0	\$0	\$0	\$663,280	6.70%	\$44,440
44	364.00	Poles, Towers And Fixtures	\$237,808,052	\$0	\$0	\$106,800	\$237,914,852	4.27%	\$10,158,964
45	365.00	Oh Conduct-Smart Grid	\$307,943,917	\$0	\$0	\$107,388	\$308,051,305	2.65%	\$8,163,360
46	366.10	Underground Manholes A	\$23,368,987	\$0	\$0	\$0	\$23,368,987	1.33%	\$310,808
47	366.20	Underground Conduit	\$48,513,051	\$0	\$0	\$0	\$48,513,051	1.55%	\$751,952
48	367.10	Underground Conductors	\$173,786,203	\$0	\$0	\$22,742	\$173,808,945	3.42%	\$5,944,266
49	368.10	Line Transformers - Stations	\$10,674,398	\$0	\$0	\$0	\$10,674,398	2.76%	\$294,613
50	368.20	Line Transformers - Bare Cost	\$101,452,162	\$0	\$0	\$0	\$101,452,162	3.14%	\$3,180,525
51	368.30	Line Transformers - Install Cost	\$77,639,022	\$0	\$0	\$62,731	\$77,701,753	3.22%	\$2,501,996
52	369.10	Overhead Services	\$83,071,609	\$0	\$0	\$95,006	\$83,166,615	5.04%	\$4,191,597
53	369.20	Underground Services C	\$1,691,919	\$0	\$0	\$0	\$1,691,919	4.87%	\$82,396
54	369.21	Underground Services C	\$22,141,702	\$0	\$0	\$9,071	\$22,150,773	4.87%	\$1,078,743
55	370.10	Meters - Bare Cost - Domestic	\$26,411,207	\$0	\$0	(\$45,090)	\$26,366,117	5.61%	\$1,479,139
56	370.20	Meters - Install Cost - Domestic	\$10,115,911	\$0	\$0	(\$89,809)	\$10,026,102	5.81%	\$582,517
57	370.30	Meters - Bare Cost - Large	\$11,492,790	\$0	\$0	\$0	\$11,492,790	5.69%	\$653,940
58	370.35	Meters - Install Cost - Large	\$9,186,534	\$0	\$0	\$0	\$9,186,534	5.13%	\$471,269
59	371.00	Installation On Custom	\$119,825	\$0	\$0	\$0	\$119,825	3.61%	\$4,326
60	373.10	Oh Streetlighting	\$33,900,724	\$0	\$0	(\$10,229,598)	\$23,671,126	1.46%	\$345,598
61	373.20	Ug Streetlighting	\$19,619,246	\$0	\$0	(\$3,606,259)	\$16,012,987	1.52%	\$243,397
62	374.00	1/ Elect Equip ARO	\$569,213	(\$569,213)	\$0	\$0	\$0	0.00%	\$0
63									
64		Total Distribution Plant	\$1,583,443,215	(\$569,213)	(\$106,208,013)	(\$13,567,018)	\$1,463,098,971		\$46,183,339

Column Notes:

- (a) Per Company books
- (d) Line 1, Line 56 and Line 57, exclude assets related to ReGrowth Program
- (d) Line 44, 45, 48, 51, 52, 54, Company retirement adjustments
- (d) Line 60 and Line 61, streetlight retirement adjustments
- (e) Sum of Columns (a) through (d)
- (f) Proposed Depreciation Rate based on Depreciation Study, refer to Schedule NWA-1-ELECTRIC, Part VI, Page 4 and Page 5

Line Notes:

- 3 Sum of Line 1 through Line 2
- 11 Sum of Line 7 through Line 9
- 30 Sum of Line 15 through Line 28
- 49-51 Changes made in depreciation rates based on settlement
- 64 Sum of Line 34 through Line 62
- 1/ Asset Retirement Obligations (AROs) are legal obligations that may exist in connection with the Company's retirement of a tangible long-lived asset. AROs are excluded from general rate case.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8
Page 8 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 6-ELEC
Page 4 of 5

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

Line No.	Account No.	Account Title	Test Year June 30, 2017 (a)	1/ ARO Adjustment (b)	Transmission Plant (c)	Other Adjustments June 30, 2017 (d)	Adjusted Balance (e)	Proposed Rate (f)	Test Year Depreciation (g) = (e) x (f)
<u>General Plant</u>									
1	389.00	Land And Land Rights	\$975,638	\$0	(\$133,226)	\$0	\$842,411	0.00%	\$0
2	390.00	Struct And Improvement Electric	\$39,627,533	\$0	(\$5,411,261)	\$0	\$34,216,272	2.28%	\$780,131
3	391.00	Office Furn & Fixt Electric (Fully Dep)	\$35,491	\$0	(\$4,846)	\$0	\$30,645	0.00%	\$29,542
4	391.00	Office Furn & Fixt Electric	\$477,469	\$0	(\$65,200)	\$0	\$412,269	6.67%	\$27,498
5	393.00	Stores Equipment	\$108,185	\$0	(\$14,773)	\$0	\$93,412	5.00%	\$4,671
6	394.00	General Plant Tools Shop	\$2,240,705	\$0	(\$305,975)	\$0	\$1,934,730	5.00%	\$96,736
7	395.00	General Plant Laboratory (Fully Dep)	\$333,809	\$0	(\$45,582.66)	\$0	\$288,227	0.00%	\$0
8	395.00	General Plant Laboratory (Fully Dep)	\$1,420,854	\$0	(\$194,022)	\$0	\$1,226,832	6.67%	\$81,830
9	397.00	Communication Equipment	\$6,181,769	\$0	(\$844,139)	\$0	\$5,337,629	5.00%	\$266,881
10	397.10	Communication Equipment Site Specific	\$2,931,182	\$0	(\$400,262)	\$0	\$2,530,920	3.90%	\$98,706
11	397.50	Communication Equipment Network	\$57,326	\$0	(\$7,828)	\$0	\$49,498	5.00%	\$2,475
12	398.00	General Plant Miscellaneous	\$817,849	\$0	(\$111,680)	\$0	\$706,169	6.67%	\$47,101
13	399.00	Other Tangible Property	\$14,459	\$0	(\$1,974)	\$0	\$12,484	0.00%	\$0
14	399.10	1/ ARO	\$641,843	(\$554,198)	(\$87,646)	\$0	\$0	0.00%	\$0
15									
16		Total General Plant	\$55,864,110	(\$554,198)	(\$7,628,415)	\$0	\$47,681,498		\$1,435,572
17									
18		<u>Grand Total - All Categories</u>	\$2,477,718,727	(\$1,123,411)	(\$948,680,657)	(\$14,007,757)	\$1,513,906,902	3.15%	\$47,618,911
19									
20		<u>Other Utility Plant Assets</u>							
21									
22	105.00	Property For Future Use	\$15,028,555				\$15,028,555		
23	107	Construction Work in Progress	\$96,433,650				\$96,433,650		
24	114.00	Goodwill	\$516,105,537				\$516,105,537		
25									
26		Total of Other Utility Plant Assets	\$627,567,742				\$627,567,742		
27									
28		Total Electric Plant in Service	\$3,105,286,469	(\$1,123,411)	(\$948,680,657)	(\$14,007,757)	\$2,141,474,644		
29									
30		Test Year Depreciation Expense per books	\$69,031,187	(\$130,581)	(\$19,814,202)	\$74,971	\$49,161,375		
31									
32		Accumulated Reserve	\$768,535,818	(\$524,582)	(\$102,931,100)	(\$12,674,976)	\$652,405,159		

Column Notes:

- (a) Per Company books
- (c) Sum of Columns (a) through (d)
- (f) Proposed Depreciation Rate based on Depreciation Study, refer to Schedule NWA-1-ELECTRIC, Part VI, Page 5

Line Notes:

- 16 Sum of Line 1 through Line 14
- 18 Sum Lines (Page 3 Line 3, 11, 30, 64, and Page 4 Line 16)
- 18 Column (d), reflects adjustments for Retirements and Streetlight Sale not recorded on books as of June 30, 2017 and capital recovered through Renewable Energy Growth Program
- 26 Sum of Line 22 through Line 24
- 28 Sum of Line 18 and Line 26
- 30 Column (d), excluding depreciation of ReGrowth as well as the Company's retirement adjustments
- 32 Page 5, Line 69
- 1/ Asset Retirement Obligations (AROs) are legal obligations that may exist in connection with the Company's retirement of a tangible long-lived asset. AROs are excluded from general rate case.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8
Page 9 of 40

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

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

Line No.	Account No.	Account Title	Test Year June 30, 2017 (a)	1/ ARO Adjustments (b)	Transmission Plant (c)	Other Adjustments (d)	Adjusted Balance (e) = sum of (a) throu (d)
<u>Intangible Plant</u>							
1	303.00	Intangible Cap Softwa	\$91,821	\$0	\$0	(\$91,821)	\$0
2							
3		Total Intangible Plant	\$91,821	\$0	\$0	(\$91,821)	\$0
4							
5		<u>Production Plant</u>					
6							
7	330.00	Land Hydro		\$0	\$0	\$0	\$0
8	331.00	Struct & Improvements	\$1,993,757	\$0	\$0	\$0	\$1,993,757
9	332.00	Reservoirs Dams And Wa	\$1,125,689	\$0	\$0	\$0	\$1,125,689
10							
11		Total Production Plant	\$3,119,445	\$0	\$0	\$0	\$3,119,445
12							
13		<u>Transmission Plant</u>					
14							
15	350.00	Land&Land Rights	(\$411,776)	\$0	\$411,776	\$0	\$0
16	352.00	Structures And Improvements	\$3,510,381	\$0	(\$3,510,381)	\$0	\$0
17	353.00	Transmission Station Equipment	\$36,611,570	\$0	(\$36,611,570)	\$0	\$0
18	354.00	Towers And Fixtures Transmission	\$457,963	\$0	(\$457,963)	\$0	\$0
19	355.00	Poles And Fixtures Transmission	\$32,395,149	\$0	(\$32,395,149)	\$0	\$0
20	356.00	Overhead Conductors And Devices	\$5,975,934	\$0	(\$5,975,934)	\$0	\$0
21	357.00	Underground Conduit	\$3,203,223	\$0	(\$3,203,223)	\$0	\$0
22	358.00	Underground Conductors And Devices	\$17,053,879	\$0	(\$17,053,879)	\$0	\$0
23	359.00	Roads And Trails	\$526,621	\$0	(\$526,621)	\$0	\$0
24	359.10	1/ Elect Equip ARO	\$38,264	\$0	(\$38,264)	\$0	\$0
25							
26		Total Transmission Plant	\$99,361,208	\$0	(\$99,361,208)	\$0	\$0
27							
28		<u>Distribution Plant</u>					
29							
32	360.00	Land & Land Rights New	\$0		\$0	\$0	\$0
33	362.00	Station Equipment	\$206,606		(\$206,606)	\$0	\$0
34	365.00	Overhead Conductors and Devices	\$5,641		(\$5,641)	\$0	\$0
35	367.10	Underground Conductors and Devices	\$986,903		(\$986,903)	\$0	\$0
36	360.00	Land & Land Rights New	(\$23,760)	\$0	\$0	\$23,760	\$0
37	361.00	Struct & Improvements	\$5,099,639	\$0	\$0	\$0	\$5,099,639
38	362.00	Station Equipment	\$51,252,395	\$0	\$0	\$0	\$51,252,395
39	364.00	Poles, Towers And Fixtures	\$107,271,672	\$0	\$0	\$252,795	\$107,524,467
40	365.00	Oh Conduct-Smart Grid	\$127,305,163	\$0	\$0	\$205,013	\$127,510,176
41	366.00	Underground Manholes A	\$33,879,330	\$0	\$0	\$1,970	\$33,881,300
42	367.00	Underground Conductors	\$67,149,720	\$0	\$0	\$265,309	\$67,415,029
43	368.00	Transformer Stations	\$117,261,728	\$0	\$0	\$164,657	\$117,426,385
44	369.00	Overhead Services	\$40,962,172	\$0	\$0	\$348,340	\$41,310,512
45	370.00	Meters - Bare Cost - Domestic	\$46,012,216	\$0	\$0	(\$9,143)	\$46,003,073
46	371.00	Installation On Custom	\$9,506	\$0	\$0	\$0	\$9,506
47	373.00	Oh Steelflighting	\$51,025,715	\$0	\$0	(\$13,835,857)	\$37,189,858
48	374.00	1/ Elect Equip ARO	\$197,371	(\$197,371)	\$0	\$0	\$0
49							
50		Total Distribution Plant	\$648,602,015	(\$197,371)	(\$1,199,150)	(\$12,583,156)	\$634,622,339
51							
52		<u>General Plant</u>					
53							
54	389.00	Land And Land Rights	\$0	\$0	\$0	\$0	\$0
55	390.00	Struct And Improvement Electric	\$10,151,568	\$0	(\$1,386,228)	\$0	\$8,765,340
56	391.00	Office Furn &Fixt Elec	\$1,714	\$0	(\$234)	\$0	\$1,480
57	393.00	Stores Equipment	\$34,864	\$0	(\$4,761)	\$0	\$30,103
58	394.00	General Plant Tools Shop	\$564,934	\$0	(\$77,143)	\$0	\$487,790
59	395.00	General Plant Laboratory	\$2,660	\$0	(\$363)	\$0	\$2,297
60	395.10	Conservation Lab Equipment	\$667,352	\$0	(\$91,129)	\$0	\$576,223
61	397.00	Communication Equipment	\$66,944	\$0	(\$9,141)	\$0	\$57,803
62	397.10	Communication Equipment Site Specific	\$5,490,323	\$0	(\$749,720)	\$0	\$4,740,603
63	398.00	General Plant Miscellaneous	\$706	\$0	(\$96)	\$0	\$609
64	399.00	Other Tangible Property	\$1,304	\$0	(\$178)	\$0	\$1,126
65	399.10	1/ ARO	\$378,960	(\$327,212)	(\$51,748)	\$0	\$0
66							
67		Total General Plant	\$17,361,328	(\$327,212)	(\$2,370,742)	\$0	\$14,663,374
68							
69		<u>Grand Total - All Categories</u>	<u>\$768,535,818</u>	<u>(\$524,582)</u>	<u>(\$102,931,100)</u>	<u>(\$12,674,976)</u>	<u>\$652,405,159</u>

Column Notes:

- (a) Per Company's books
- (b) Adjustment for Assets Retirement Obligation which is not actual investment of the company
- (c) Exclude transmission related items
- (d) Exclude accumulated depreciation of ReGrowth Assets which is recovered through a separate mechanism
- (e) Sum of Columns (a) through (c)

Line Notes:

- 11 Sum of Line 7 through Line 9
- 26 Sum of Line 15 through Line 24
- 50 Sum of Line 30 through Line 48
- 67 Sum of Line 54 through Line 65
- 69 Sum of Line 3, 11, 26, 50, and 67
- 1/ Asset Retirement Obligations (AROs) are legal obligations that may exist in connection with the Company's retirement of a tangible long-lived asset. AROs are excluded from general rate case.

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/ 4780
Witness: Little

Compliance Attachment 2

Schedule 7-ELEC

Municipal Taxes– Electric

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

	Test Year Ended June 30, 2017 (a)	Normalizing Adjustments to Test Year (b)	Test Year Ended June 30, 2017 (as Adjusted) (a) + (b) =(c)	Proforma Adjustments (d)	Rate Year Ending August 31, 2019 (e)
1 Narragansett Electric Company	\$49,702,787	(20,023,313)	\$29,679,474	\$850,784	\$30,530,258
2					
3 Total Municipal Taxes	<u>\$49,702,787</u>	<u>(\$20,023,313)</u>	<u>\$29,679,474</u>	<u>\$850,784</u>	<u>\$30,530,258</u>

Column Notes

- (a) Per Company Books
- (b) Page 8, Line 12 + Page 9, Line 6
- (d) Column (e) - Column (c)
- (e) Page 6, Line 43(n)

The Narragansett Electric Company d/b/a National Grid
 Municipal Taxes - Electric
 For the Rate Year 1 Ending August 31, 2020 and the Rate Year Ending August 31, 2021

	Rate Year Ending August 31, 2019 (a)	Proforma Adjustments (b)	Rate Year Ending August 31, 2020 (a) + (b) = (c)	Proforma Adjustments (d)	Rate Year Ending August 31, 2021 (e)
1 Narragansett Electric Company	\$30,530,258	\$0	\$30,530,258	\$0	\$30,530,258
2					
3 Total Municipal Taxes	<u>\$30,530,258</u>	<u>\$0</u>	<u>\$30,530,258</u>	<u>\$0</u>	<u>\$30,530,258</u>

Column Notes

- (a) Per Company Books
- (b) Line 1(a) * Page 7, Line 6(e)
- (d) Line 1(c) * Page 7, Line 6(e)
- (e) Line 1 (c) + Line 1(d)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 13 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 7-ELEC
Page 3 of 9

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric - Personal Property
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019
Pro Forma Test Year

Town (a)	Total Assessment as of 12/31/16 (b)	IFA Related Assessment as of 12/31/2016 (c)	Net Distribution Assessment as of 12/31/16 (b) - (c) = (d)	2017 Actual Mill Rate (e)	Distribution Municipal Taxes Pro Forma Tax Year 2017 (d) * (e) = (f)	Water/ Sewer Tax Year 2017 (g)	Total Distribution Municipal Taxes Pro Forma Tax Year 2017 (f) + (g) = (h)	Distribution Rebills to Third Parties Pro Forma Tax Year 2017 (i)	Net Distribution Municipal Taxes Pro Forma Tax Year 2017 (h) - (i) = (j)	Three Year Average Percentage Increase in Distribution Property Taxes (j) - (i) = (k)	Distribution Municipal Tax Expense Pro Forma Tax Year 2018 (i) * (1+(k)) = (l)	Distribution Municipal Tax Expense Pro Forma Tax Year 2019 (l) * (1+(k)) = (m)	Total Distribution Municipal Taxes Pro Forma RY (m) / (12*4) + ((m) / 12*8) = (n)
1 Albion Fire District	\$ 3,473,004	\$ 1,113,696	\$ 2,359,308	3.00	\$ 7,078	\$ -	\$ 7,078	\$ -	\$ 7,078	3.3%	\$ 7,314	\$ 7,558	\$ 7,477.08
2 Central Coventry Fire District	9,718,175	6,663	9,711,512	3.08	29,911	-	29,911	-	29,911	3.3%	30,910	31,942	31,598
3 Chepachet Fire District - minimum	811	-	811	0.97	5	-	5	-	5	3.3%	5	5	5
4 City of Central Falls	3,906,302	-	3,906,302	73.11	285,590	-	285,590	-	285,590	3.3%	295,126	304,980	301,695
5 City of Cranston	49,005,313	18,808,600	30,196,713	34.41	1,039,069	-	1,039,069	-	1,039,069	3.3%	1,073,764	1,109,617	1,097,666
6 City of East Providence	19,302,830	1,365,766	17,937,064	55.24	990,843	-	990,843	-	990,843	3.3%	1,023,928	1,058,117	1,046,721
7 City of Newport	20,813,482	-	20,813,482	15.55	323,650	-	323,650	-	323,650	3.3%	334,456	345,624	341,902
8 City of Pawtucket	23,553,520	5,595,355	17,958,165	52.09	935,441	-	935,441	-	935,441	3.3%	966,676	998,953	988,194
9 City of Providence	199,668,496	25,635,812	174,032,684	55.80	9,711,024	-	9,711,024	-	9,711,024	3.3%	10,035,279	10,370,361	10,258,667
10 City of Warwick	113,873,763	73,918,380	39,955,383	40.48	1,617,394	-	1,617,394	-	1,617,394	3.3%	1,671,399	1,727,208	1,708,605
11 City of Woonsocket	22,226,800	9,089,819	13,136,981	46.58	611,921	-	611,921	-	611,921	3.3%	632,353	653,467	646,429
12 Coventry Fire District	2,891,470	1,982	2,889,488	4.86	14,043	-	14,043	-	14,043	3.3%	14,512	14,996	14,835
13 Cumberland Fire District	31,840,521	7,395,829	24,444,692	1.92	46,909	-	46,909	-	46,909	3.3%	48,476	50,094	49,555
14 Exeter Fire District	4,526,790	718,903	3,807,887	1.77	6,740	-	6,740	-	6,740	3.3%	6,965	7,198	7,120
15 Harmony FD	6,158,909	-	6,158,909	1.81	11,148	-	11,148	-	11,148	3.3%	11,520	11,905	11,776
16 Harrisville Fire District	33,987,783	31,245,857	2,741,926	2.53	6,937	-	6,937	-	6,937	3.3%	7,169	7,408	7,328
17 Hope Valley/Wyoming Fire District	5,927,260	656,797	5,270,463	1.12	5,903	-	5,903	-	5,903	3.3%	6,100	6,304	6,236
18 Hopkins Hill Fire District	2,429,543	1,666	2,427,877	3.38	8,194	-	8,194	-	8,194	3.3%	8,468	8,750	8,656
19 Lime Rock Fire District	7,111,389	2,280,424	4,830,965	2.20	10,628	-	10,628	-	10,628	3.3%	10,983	11,350	11,227
20 Lonsdale Fire District	1,819,193	583,364	1,235,829	3.15	3,893	-	3,893	-	3,893	3.3%	4,023	4,157	4,112
21 Manville Fire District	1,325,049	424,265	898,784	1.47	1,321	-	1,321	-	1,321	3.3%	1,365	1,411	1,396
22 Nasonville Fire District	24,629,150	22,642,222	1,986,928	1.63	3,239	-	3,239	-	3,239	3.3%	3,347	3,459	3,421
23 North Tiverton Fire District	4,335,015	822,970	3,512,045	0.98	3,442	-	3,442	-	3,442	3.3%	3,557	3,675	3,636
24 Oakland-Mapleville Fire District	11,962,740	10,997,660	965,080	2.42	2,335	-	2,335	-	2,335	3.3%	2,413	2,494	2,467
25 Pascoag Fire District	6,761,059	6,215,618	545,441	2.03	1,107	-	1,107	-	1,107	3.3%	1,144	1,182	1,170
26 Providence Water Supply Board	52,877,607	18,808,600	34,069,007	-	17,933	-	17,933	-	17,933	3.3%	18,532	19,151	18,945
27 Quinnville Fire District	330,762	106,066	224,696	1.48	333	-	333	-	333	3.3%	344	355	351
28 Richmond-Carolina Fire District	2,315,160	8,587	2,306,573	1.03	2,376	-	2,376	-	2,376	3.3%	2,455	2,537	2,510
29 Saylesville Fire District	2,480,717	795,497	1,685,220	3.15	5,308	-	5,308	-	5,308	3.3%	5,486	5,669	5,608
30 Stone Bridge Fire District	3,882,321	737,030	3,145,291	0.50	1,573	-	1,573	-	1,573	3.3%	1,625	1,679	1,661
31 Town of Barrington	6,040,216	-	6,040,216	20.00	120,804	-	120,804	-	120,804	3.3%	124,838	129,006	127,617
32 Town of Bristol	8,868,600	138,752	8,729,848	14.92	130,249	-	130,249	-	130,249	3.3%	134,598	139,093	137,595
33													
34 Total for All Towns	\$ 688,041,750	\$ 240,116,180	\$ 447,925,570		\$ 15,956,341	\$ -	\$ 15,956,341	\$ -	\$ 15,956,341		\$ 16,489,130	\$ 17,039,708	\$ 16,856,182

Column Notes
(k) Page 7, Column 6(c)

Line Notes
26(f) Charges not taxed based on property value.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 14 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 7-ELEC
Page 4 of 9

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric - Personal Property
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019
Pro Forma Test Year

														Three Year Average Percentage Increase in Distribution Municipal Taxes		Distribution Municipal Tax Expense Pro Forma Tax Year 2018		Distribution Municipal Tax Expense Pro Forma Tax Year 2019		Total Distribution Municipal Taxes Pro Forma RY	
Town	Total Assessment as of 12/31/16	IFA Related Assessment as of 12/31/2016	Net Distribution Assessment as of 12/31/16	2017 Actual Mill Rate	Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Water/Sewer Tax Year 2017	Total Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Rebills to Third Parties Pro Forma Tax Year 2017	Net Distribution Municipal Taxes Pro Forma Tax Year 2017	(j) * (1+(k)) = (l)	(l) * (1+(k)) = (m)	((l)/(12*4))+((m)/(12*8))= (n)									
	(a)	(b)	(c) - (b) = (d)	(e)	(d) * (e) = (f)	(g)	(f) + (g) = (h)	(i)	(h) - (i) = (j)	(k)	(j) * (1+(k)) = (l)	(l) * (1+(k)) = (m)	((l)/(12*4))+((m)/(12*8))= (n)								
1	Town of Burrillville	70,369,059	64,692,116	5,676,943	17.56	99,687	-	99,687	-	99,687	3.3%	103,016	106,455	105,309							
2	Town of Charlestown	11,291,883	2,409,330	8,882,553	9.59	85,184	-	85,184	-	85,184	3.3%	88,028	90,967	89,988							
3	Town of Coventry	17,006,800	11,660	16,995,140	25.29	429,722	-	429,722	-	429,722	3.3%	444,071	458,898	453,956							
4	Town of Cumberland	31,840,521	7,395,829	24,444,692	29.53	721,852	-	721,852	-	721,852	3.3%	745,955	770,862	762,560							
5	Town of East Greenwich	10,048,885	3,916,964	6,131,921	23.66	145,081	-	145,081	-	145,081	3.3%	149,926	154,932	153,263							
6	Town of Exeter	4,526,790	718,903	3,807,887	16.23	61,802	-	61,802	-	61,802	3.3%	63,866	65,998	65,287							
7	Town of Foster	3,872,294	-	3,872,294	31.98	123,836	-	123,836	-	123,836	3.3%	127,971	132,244	130,820							
8	Town of Glocester	6,158,909	-	6,158,909	39.46	243,031	-	243,031	-	243,031	3.3%	251,145	259,531	256,736							
9	Town of Hopkinton	7,224,200	1,296,418	5,927,782	20.07	118,971	-	118,971	-	118,971	3.3%	122,943	127,048	125,680							
10	Town of Jamestown	7,094,141	-	7,094,141	8.66	61,435	-	61,435	-	61,435	3.3%	63,487	65,606	64,900							
11	Town of Johnston	87,358,420	51,745,388	35,613,032	59.71	2,126,454	-	2,126,454	-	2,126,454	3.3%	2,197,457	2,270,831	2,246,373							
12	Town of Lincoln	16,538,115	5,303,313	11,234,802	34.39	386,365	-	386,365	-	386,365	3.3%	399,266	412,597	408,153							
13	Town of Little Compton	2,750,261	-	2,750,261	11.68	32,123	-	32,123	-	32,123	3.3%	33,196	34,304	33,935							
14	Town of Middletown	9,401,897	11	9,401,886	15.42	144,977	-	144,977	-	144,977	3.3%	149,818	154,820	153,153							
15	Town of Narragansett	20,098,513	12,545,688	7,552,825	15.84	119,637	-	119,637	-	119,637	3.3%	123,631	127,760	126,384							
16	Town of New Shoreham	9,929,665	9,929,665	-	5.86	-	-	-	-	-	3.3%	-	-	-							
17	Town of North Kingstown	35,573,920	7,300,250	28,273,670	18.59	525,608	-	525,608	-	525,608	3.3%	543,158	561,294	555,249							
18	Town of North Providence	7,600,411	853,272	6,747,139	68.11	459,548	-	459,548	-	459,548	3.3%	474,892	490,749	485,463							
19	Town of North Smithfield	132,207,210	120,064,959	12,142,251	41.95	509,380	-	509,380	-	509,380	3.3%	526,388	543,964	538,105							
20	Town of Portsmouth	11,990,388	2,005,830	9,984,558	15.42	153,962	-	153,962	-	153,962	3.3%	159,103	164,415	162,644							
21	Town of Richmond	4,630,320	17,175	4,613,145	20.80	95,953	-	95,953	-	95,953	3.3%	99,157	102,468	101,365							
22	Town of Scituate	9,110,940	545	9,110,395	40.04	364,798	-	364,798	-	364,798	3.3%	376,979	389,567	385,371							
23	Town of Smithfield	59,426,840	35,596,545	23,830,295	60.74	1,447,452	-	1,447,452	-	1,447,452	3.3%	1,495,783	1,545,728	1,529,080							
24	Town of South Kingstown	21,902,869	5,227,844	16,675,025	15.31	255,295	-	255,295	-	255,295	3.3%	263,819	272,628	269,692							
25	Town of Tiverton	7,881,843	1,496,309	6,385,534	19.05	121,644	-	121,644	-	121,644	3.3%	125,706	129,904	128,504							
26	Town of Warren	6,699,409	785,592	5,913,817	18.81	111,239	-	111,239	-	111,239	3.3%	114,953	118,792	117,512							
27	Town of West Greenwich	6,201,405	14,130	6,187,275	33.85	209,439	-	209,439	-	209,439	3.3%	216,433	223,659	221,250							
28	Town of West Warwick	24,718,480	12,882,400	11,836,080	41.78	494,511	-	494,511	-	494,511	3.3%	511,023	528,087	522,399							
29	Town of Westerly	16,504,078	108,419	16,395,659	11.59	190,026	6,763	196,788	-	196,788	3.3%	203,359	210,149	207,886							
30	Union Fire District	21,902,869	5,227,844	16,675,025	0.86	14,341	-	14,341	-	14,341	3.3%	14,819	15,314	15,149							
31	West Glocester Fire District	2,053,781	-	2,053,781	1.65	3,389	-	3,389	-	3,389	3.3%	3,502	3,619	3,580							
32	Western Coventry Fire District	2,429,540	1,666	2,427,874	1.62	3,933	-	3,933	-	3,933	3.3%	4,064	4,200	4,155							
33																					
34	Total for All Towns	\$ 686,344,656	\$ 351,548,065	\$ 334,796,591		\$ 9,860,673	\$ 6,763	\$ 9,867,436	\$ -	\$ 9,867,436		\$ 10,196,914	\$ 10,537,393	\$ 10,423,900							

Column Notes

(k) Page 7, Column 6(e)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 15 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 7-ELEC
Page 5 of 9

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric - Real Property
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019
Pro Forma Test Year

	Town	Total Assessment as of 12/31/16	IFA Related Assessment as of 12/31/2016	Net Distribution Assessment as of 12/31/16	2017 Actual Mill Rate	Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Water/ Sewer Tax Year 2017	Total Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Rebills to Third Parties Pro Forma Tax Year 2017	Net Distribution Municipal Taxes Pro Forma	Three Year Average Percentage Increase in Distribution	Distribution Municipal Tax Expense Pro Forma Tax Year 2018	Distribution Municipal Tax Expense Pro Forma Tax Year 2019	Total Distribution Municipal Taxes Pro Forma RY
	(a)	(b)	(c)	(b) - (c) = (d)	(e)	(d) * (e) = (f)	(g)	(f) + (g) = (h)	(i)	(h) - (i) = (j)	(k)	(j) * (1+(k)) = (l)	(l) * (1+(k)) = (m)	((l)/12*4)+((m)/12*8) = (n)
1	Albion Fire District	\$ 4,178,200	\$ 1,339,832	\$ 2,838,368	1.78	\$ 5,052	\$ -	\$ 5,052	\$ -	\$ 5,052	3.3%	\$ 5,221	\$ 5,395	\$ 5,337.21
2	Albion Fire District - minimum	4,800	1,539	3,261	1.78	30	-	30	-	30	3.3%	31	32	31.69
3	Ashaway Fire District	1,034,300	185,610	848,690	1.31	1,112	-	1,112	-	1,112	3.3%	1,149	1,187	1,174
4	Bradford Fire District	10,300	68	10,232	0.79	8	-	8	-	8	3.3%	8	9	9
5	Central Coventry Fire District	1,345,200	922	1,344,278	3.08	4,140	-	4,140	-	4,140	3.3%	4,279	4,421	4,374
6	Charlestown Fire District	224,700	47,944	176,756	0.57	100	-	100	-	100	3.3%	103	107	106
7	Chepachet Fire District	2,033,000	-	2,033,000	0.97	1,962	-	1,962	-	1,962	3.3%	2,027	2,095	2,072
8	City of Central Falls	194,100	-	194,100	39.67	7,700	-	7,700	-	7,700	3.3%	7,957	8,223	8,134
9	City of Cranston - Commercial/Industrial	25,938,800	9,955,503	15,983,297	34.41	549,985	-	549,985	-	549,985	3.3%	568,349	587,327	581,001
10	City of Cranston - Residential	229,900	88,237	141,663	22.94	3,250	-	3,250	-	3,250	3.3%	3,358	3,470	3,433
11	City of East Providence	1,618,700	114,531	1,504,169	24.76	37,243	-	37,243	-	37,243	3.3%	38,487	39,772	39,344
12	City of Newport - Commercial	4,163,400	-	4,163,400	15.55	64,741	-	64,741	-	64,741	3.3%	66,903	69,136	68,392
13	City of Newport - Residential	75,200	-	75,200	11.21	843	-	843	-	843	3.3%	871	900	891
14	City of Pawtucket	9,571,053	2,273,692	7,297,361	34.88	254,532	-	254,532	-	254,532	3.3%	263,031	271,814	268,886
15	City of Providence - Commercial	29,411,972	3,776,258	25,635,714	36.70	940,831	-	940,831	39,869	900,962	3.3%	931,045	962,133	951,770
16	City of Providence - Residential	24,700	3,171	21,529	31.96	688	-	688	-	688	3.3%	711	735	727
17	City of Warwick - Commercial/Industrial	14,485,800	9,403,104	5,082,696	30.36	154,311	-	154,311	-	154,311	3.3%	159,463	164,788	163,013
18	City of Warwick - Residential	18,600	12,074	6,526	20.24	132	-	132	-	132	3.3%	137	141	140
19	City of Woonsocket	2,707,000	1,107,048	1,599,952	36.93	59,086	-	59,086	-	59,086	3.3%	61,059	63,098	62,418
20	Coventry Fire District	141,100	97	141,003	3.24	457	-	457	-	457	3.3%	472	488	483
21	Cumberland Fire District	1,088,200	252,764	835,436	1.92	1,603	-	1,603	-	1,603	3.3%	1,657	1,712	1,694
22	Dunns Corner Fire District	97,200	639	96,561	0.45	43	-	43	-	43	3.3%	45	46	45.90
23	Exeter Fire District	368,100	58,458	309,642	1.77	548	-	548	-	548	3.3%	566	585	579
24	Harrisville Fire District	924,400	849,825	74,575	2.53	189	-	189	-	189	3.3%	195	201	199
25	Hope Valley/Wyoming Fire District	42,000	7,537	34,463	1.12	39	-	39	-	39	3.3%	40	41	41
26	Lime Rock Fire District	1,379,200	442,271	936,929	2.20	2,061	-	2,061	-	2,061	3.3%	2,130	2,201	2,177
27	Lime Rock Fire District - minimum	5,700	1,828	3,872	2.20	15	-	15	-	15	3.3%	16	16	16
28	Lonsdale Fire District	67,300	21,581	45,719	1.90	87	-	87	-	87	3.3%	90	93	92
29	Manville Fire District	36,400	11,672	24,728	1.47	36	-	36	-	36	3.3%	38	39	38
30	Nasonville Fire District	777,600	714,868	62,732	1.63	102	-	102	-	102	3.3%	106	109	108
31	Nasonville Fire District - minimum	3,800	3,493	307	1.63	20	-	20	-	20	3.3%	21	21	21
32	North Tiverton Fire District	1,689,400	320,720	1,368,680	0.98	1,341	-	1,341	-	1,341	3.3%	1,386	1,432	1,417
33	Oakland-Manville Fire District	51,900	47,713	4,187	1.95	8	-	8	-	8	3.3%	8	9	9
34	Pascoag Fire District	2,478,800	2,278,826	199,974	2.03	406	-	406	-	406	3.3%	420	434	429
35	Pascoag Fire District - minimum	2,500	2,298	202	2.03	40	-	40	-	40	3.3%	41	43	42
36	Portsmouth Water and Fire District	1,061,700	177,608	884,092	0.22	195	-	195	-	195	3.3%	201	208	205
37	Portsmouth Water and Fire District - minimum	15,700	2,626	13,074	0.22	8	-	8	-	8	3.3%	8	9	8
38	Quinnville Fire District	24,000	22,064	1,936	1.48	3	-	3	-	3	3.3%	3	3	3
39														
40	Total for All Towns	\$ 107,524,725	\$ 33,526,423	\$ 73,998,302		\$ 2,092,947	\$ -	\$ 2,092,947	\$ 39,869	\$ 2,053,078		\$ 2,121,631	\$ 2,192,474	\$ 2,168,860

(k) Column Notes
Page 7, Column 6(c)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 16 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770/4780
Compliance Attachment 2
Schedule 7-ELEC
Page 6 of 9

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric - Real Property
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019
Pro Forma Test Year

		Total Assessment as of 12/31/16	IFA Related Assessment as of 12/31/2016	Net Distribution Assessment as of 12/31/16	2017 Actual Mill Rate	Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Water/Sewer Tax Year 2017	Total Distribution Municipal Taxes Pro Forma Tax Year 2017	Distribution Rebills to Third Parties Pro Forma Tax Year 2017	Net Distribution Municipal Taxes Pro Forma Tax Year 2017	Three Year Average Percentage Increase in Distribution Municipal Taxes	Distribution Municipal Tax Expense Pro Forma Tax Year 2018	Distribution Municipal Tax Expense Pro Forma Tax Year 2019	Total Distribution Municipal Taxes Pro Forma FY
	Town	(a)	(b)	(c) = (b) - (a)	(d)	(e) = (f) * (g) + (i)	(g)	(h) = (f) + (h)	(i)	(h) - (i) + (i)	(k)	(j) * (1+(k)) + (i)	(l) * (1+(k)) + (m)	(11) = (2+4) + (10) + (12) + (13) + (n)
1	Sauville Fire District	621,700	199,362	422,338	1.98	836	-	836	-	836	3.3%	864	893	883
2	Sauville Fire District - minimum	800	257	543	1.98	20	-	20	-	20	3.3%	21	21	21
3	Stone Bridge Fire District	110,200	20,921	89,279	0.50	45	-	45	-	45	3.3%	46	48	47
4	Town of Barrington	344,500	344,500	20,000	6.800	6,800	-	6,800	-	6,800	3.3%	7,120	7,358	7,279
5	Town of Bristol	1,376,800	21,541	1,355,259	14.92	20,220	-	20,220	-	20,220	3.3%	20,896	21,593	21,361
6	Town of Burnsville	4,238,100	5,896,196	341,964	17.56	6,004	-	6,004	-	6,004	3.3%	6,204	6,411	6,342
7	Town of Burnsville - minimum	800	827	73	17.39	30	-	30	-	30	3.3%	31	32	32
8	Town of Charlestown	224,700	47,944	176,756	9.59	1,695	-	1,695	-	1,695	3.3%	1,752	1,810	1,791
9	Town of Coventry	3,087,500	2,117	3,085,383	25.29	78,014	-	78,014	-	78,014	3.3%	80,619	83,111	82,413
10	Town of Cumberland	1,088,200	252,764	835,436	15.21	12,707	-	12,707	-	12,707	3.3%	13,131	13,570	13,424
11	Town of East Greenwich	6,064,600	2,363,926	3,700,674	23.66	87,558	-	87,558	-	87,558	3.3%	90,482	93,496	92,496
12	Town of Exeter	368,100	58,458	309,642	16.23	5,025	-	5,025	-	5,025	3.3%	5,193	5,367	5,309
13	Town of Foster	3,269,000	-	3,269,000	23.25	76,469	-	76,469	-	76,469	3.3%	79,023	81,661	80,782
14	Town of Glocester	2,907,700	-	2,907,700	23.67	68,825	-	68,825	-	68,825	3.3%	71,123	73,498	72,707
15	Town of Hopkinton	1,076,300	193,147	883,153	20.07	17,725	-	17,725	-	17,725	3.3%	18,317	18,928	18,724
16	Town of Jamestown	750,600	-	750,600	8.66	6,500	142	6,643	-	6,643	3.3%	6,864	7,094	7,017
17	Town of Johnston	3,095,662	2,138,067	1,471,495	27.49	40,451	-	40,451	-	40,451	3.3%	41,802	43,198	42,733
18	Town of Lincoln	6,385,100	2,047,524	4,337,576	26.72	115,900	-	115,900	-	115,900	3.3%	119,770	123,769	122,436
19	Town of Lincoln - minimum	300	96	204	26.35	10	-	10	-	10	3.3%	10	11	11
20	Town of Middletown - Commercial	4,186,700	5	4,186,695	20.44	85,576	1,697	87,273	-	87,273	3.3%	90,187	93,199	92,195
21	Town of Middletown - Residential	350,700	0	350,700	15.42	5,408	-	5,408	-	5,408	3.3%	5,588	5,775	5,713
22	Town of Narragansett	253,700	158,362	95,338	15.84	1,510	-	1,510	-	1,510	3.3%	1,561	1,613	1,595
23	Town of North Kingstown	7,682,200	1,576,491	6,105,709	18.59	113,505	-	113,505	-	113,505	3.3%	117,295	121,212	119,966
24	Town of North Providence	1,812,200	303,449	1,508,751	26.14	42,053	-	42,053	-	42,053	3.3%	43,457	44,908	44,424
25	Town of North Smithfield	14,416,400	13,092,361	1,324,039	18.66	24,704	-	24,704	-	24,704	3.3%	25,329	26,381	26,097
26	Town of Portsmouth	1,035,300	173,192	862,108	15.42	13,294	-	13,294	-	13,294	3.3%	13,778	14,196	14,043
27	Town of Scituate	495,900	30	495,870	22.59	11,202	-	11,202	-	11,202	3.3%	11,576	11,962	11,833
28	Town of Southfield	1,273,300	762,704	510,596	18.40	9,395	-	9,395	-	9,395	3.3%	9,709	10,033	9,925
29	Town of South Kingstown	1,180,900	281,861	899,039	15.31	13,764	-	13,764	-	13,764	3.3%	14,224	14,699	14,541
30	Town of Tiverton	1,989,500	377,692	1,611,808	19.05	30,705	-	30,705	-	30,705	3.3%	31,730	32,790	32,437
31	Town of Warren	3,227,600	378,478	2,849,122	18.81	53,592	-	53,592	-	53,592	3.3%	55,381	57,231	56,614
32	Town of West Greenwich	1,053,300	2,400	1,050,900	22.55	23,698	-	23,698	-	23,698	3.3%	24,489	25,307	25,034
33	Town of West Warwick	1,036,200	540,031	496,169	32.12	15,937	-	15,937	-	15,937	3.3%	16,469	17,019	16,836
34	Town of Westerly	2,221,300	14,592	2,206,708	11.59	25,576	560	26,135	-	26,135	3.3%	27,008	27,910	27,699
35	Union Fire District	1,180,900	281,861	899,039	0.86	773	-	773	-	773	3.3%	799	826	817
36	West Glocester Fire District	985,230	-	985,230	1.65	1,626	-	1,626	-	1,626	3.3%	1,680	1,736	1,717
37	Westerly Fire District	2,111,700	13,872	2,097,828	0.65	1,364	-	1,364	-	1,364	3.3%	1,409	1,456	1,440
38	Westerly Fire District - minimum	2,100	14	2,086	0.65	3	-	3	-	3	3.3%	3	3	3
39	Western Coventry Fire District	1,596,300	1,094	1,595,206	1.62	2,584	-	2,584	-	2,584	3.3%	2,671	2,760	2,730
40														
41	Total for All Towns	\$ 83,636,092	\$ 28,101,635	\$ 54,534,457		\$ 1,021,193	\$ 2,399	\$ 1,023,592	\$ -	\$ 1,023,592		\$ 1,057,770	\$ 1,093,090	\$ 1,081,317
42														
43	Grand Total	\$ 1,565,547,223	\$ 654,292,303	\$ 911,254,920		\$ 28,931,155	\$ 9,162	\$ 28,940,317	\$ 39,869	\$ 28,980,448		\$ 29,865,445	\$ 30,863,664	\$ 30,530,258
44														
45	Composite Mill Rate for Year				31.76									

Column Notes
(k) Page 7, Column 6(e)
Line Notes
45(e) Line 45(h)/Line 45(d)

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric
For the Test Year Ended June 30, 2017
Growth Rate

<u>Line</u>		12 Months Ended 6/30/2017	Total Property Taxes	IFA Related Expenses	Adjusted Municipal Taxes	Percentage Inc/(Dec)
1	Three Year Average Municipal Tax Expense Growth Rate:	(a)	(b)	(c)	(b) - (c) = (d)	(e)
2		2017	\$ 49,149,953	\$ 18,373,163	\$ 30,776,790	-2.7%
3		2016	\$ 47,654,474	\$ 16,025,070	\$ 31,629,404	-6.0%
4		2015	\$ 49,682,964	\$ 16,041,524	\$ 33,641,441	18.7%
5		2014	\$ 37,420,246	\$ 9,077,147	\$ 28,343,100	
6	Three Year Average Percentage Increase in Property Taxes					<u>3.3%</u>

Column Notes

(b)-(d) Per Company Books

Line Notes

- 2(e) (Col (d) Line 2 - Col (d) Line 3) / Col (d) Line 3
3(e) (Col (d) Line 3 - Col (d) Line 4) / Col (d) Line 4
4(e) (Col (d) Line 4 - Col (d) Line 5) / Col (d) Line 5
6(e) (Sum of Lines 2(e),3(e) and 4(e))/3

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric
For the Test Year Ended June 30, 2017
Normalizing Adjustments

<u>Line</u>	<u>Items for Removal</u> (a)	<u>Total</u> (b)	<u>Transmission</u> (c)	<u>Distribution</u> (b)-(c)=(d)	<u>6 Months Amortization</u> <u>Applicable to</u> <u>Test Year ended</u> <u>June 30, 2017</u> (d)/12*6= (e)
1	Add (Less) Correcting entry for assets associated with wrong parcels				
2	Tax Year 2017-2018				
3	Chepachet Fire District, Gas Parcels recorded in Electric Municipal Taxes	\$ (1,948)	\$ -	\$ (1,948)	\$ (974)
4	Town of Gloucester, Gas Parcels recorded in Electric Municipal Taxes	(145)	-	(145)	(\$73)
5	Town of Smithfield, Electric Parcels recorded in Gas Municipal Taxes	826	495	331	\$166
6	Tax Year 2016-2017				
7	Town of Cumberland, Electric Parcels recorded in Gas Municipal Taxes	6,101	1,417	4,684	2,342
8	Town of Smithfield, Electric Parcels recorded in Gas Municipal Taxes	826	495	331	166
9	North Tiverton FD, Gas Parcels recorded in Electric Municipal Taxes	(4)	(1)	(3)	(2)
10	Pascoag FD, Gas Parcels recorded in Electric Municipal Taxes	(266)	(244)	(21)	(11)
11					
12	Total for Normalizing Adjustment	\$ 5,391	\$ 2,162	\$ 3,229	\$ 1,614

Column Notes
(b)-(d) Per Company Books

Line Notes
12 Sum of Lines 3 to 10

The Narragansett Electric Company d/b/a National Grid
Municipal Taxes - Electric
For the Test Year Ended June 30, 2017
Normalizing Adjustments

<u>Line</u>	<u>Items for Removal</u> (a)	<u>Total</u> (b)	<u>Transmission</u> (c)	<u>Distribution</u> (b)-(c)=(d)
1	Reduction for IFA	\$ (18,149,081)	\$ (18,149,081)	\$ -
2	Out of Period adjustment	(552,833)		(552,833)
3	Reduction for estimated Municipal Tax impact for BITS assets	(1,323,013)	(1,323,013)	-
4	Total for Normalizing Adjustment	\$ (20,024,927)	\$ (19,472,094)	\$ (552,833)

Line Notes

- 1 Workpaper 1 Page 1 Line 15(a)
- 2 Per Company Books
- 3 Per Company Books
- 4 Sum of Line 1 - Line 3

Compliance Attachment 2

Schedule 11-ELEC

Rate Base– Electric

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 21 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 1 of 20

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

			5 Quarter Average		
Description	Test Year Ended June 30, 2017 (Per Books - 5 Quarter Average)	Adjustments	Rate Year Ending August 31, 2019	Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2021
	(a)	(b)	(c)	(d)	(e)
1 Utility Plant In Service	\$1,503,289,331	\$98,250,392	\$1,601,539,723	\$1,602,539,723	\$1,604,539,723
2					
3 Property Held for Future Use	\$2,496,405	\$0	\$2,496,405	\$2,496,405	\$2,496,405
4 Less: Contribution in Aid of Construction	(\$101,521)	\$104,277	\$2,756	\$2,756	\$2,756
5 Less: Accumulated Depreciation	\$656,218,763	\$32,136,421	\$688,355,184	\$688,470,384	\$688,563,184
6					
7 Net Plant	\$849,668,494	\$66,009,694	\$915,678,188	\$916,562,988	\$918,470,188
8					
9 Materials and Supplies	\$4,750,549	(\$1,256,873)	\$3,493,676	\$3,403,498	\$3,327,193
10 Prepayments	\$742,480	(\$742,479)	\$0	\$0	\$0
11 Loss on Reacquired Debt	\$1,934,554	(\$533,340)	\$1,401,214	\$1,244,585	\$1,112,052
12 Cash Working Capital	\$4,975,475	\$12,946,603	\$17,922,078	\$17,922,078	\$17,922,078
13 Unamortized Interest Rate Lock	\$2,439,092	(\$801,086)	\$1,638,006	\$1,237,463	\$898,542
14 Unamortized Debt Issuance Costs \$550M	\$1,113,997	(\$212,054)	\$901,943	\$795,916	\$706,200
15 Unamortized Debt Issuance Costs \$250M	\$945,261	(\$79,025)	\$866,236	\$826,723	\$793,290
16 Unamortized Debt Issuance Costs \$350M	\$0	\$577,476	\$577,476	\$511,041	\$454,826
17 Subtotal	\$16,901,408	\$9,899,222	\$26,800,630	\$25,941,303	\$25,214,181
18					
19 Accumulated Deferred FIT	\$183,859,681	\$19,680,525	\$203,540,205	\$201,385,915	\$199,252,781
20 Accumulated Deferred FIT -Loss on Reacquired Debt	\$677,094	(\$137,021)	\$540,073	\$509,711	\$479,349
21 Customer Deposits	\$9,956,664	(\$1,068,096)	\$8,888,568	\$9,011,230	\$9,115,021
22 Subtotal	\$194,493,439	\$18,475,408	\$212,968,847	\$210,906,856	\$208,847,151
23					
24 Rate Base	\$672,076,463	\$57,433,508	\$729,509,971	\$731,597,435	\$734,837,218

Column Notes

- (a) Page 2, Column (f)
(b) Column (c) - Column (a)

Line Notes

- | | |
|--|--|
| 1(c) Page 6, Line 34 | 14(c) Page 10, Line 46(g) |
| 1(d) Page 7, Line 16 | 14(d) Page 10, Line 48(g) |
| 1(e) Page 7, Line 33 | 14(e) Page 10, Line 50(g) |
| 2(c) - (e) Line 1(a) | 15(c) Page 10, Line 46(h) |
| 4(c) Page 10, Line 46(a) | 15(d) Page 10, Line 48(h) |
| 4(d) Page 10, Line 48(a) | 15(e) Page 10, Line 50(h) |
| 4(e) Page 10, Line 50(a) | 16(c) Page 10, Line 46(i) |
| 5(c) Page 8, Line 30 | 16(d) Page 10, Line 48(i) |
| 5(d) Page 9, Line 16 | 16(e) Page 10, Line 50(i) |
| 5(e) Page 9, Line 33 | 17(a) - (e) Sum of Lines 9 - 16 |
| 7(a) - (e) Line 1 + Line 3 - Line 4 - Line 5 | 19(c) Page 11, Line 24(b) |
| 9(c) Page 10, Line 46(b) | 19(d) Page 12, Line 16(b) |
| 9(d) Page 10, Line 48(b) | 19(e) Page 12, Line 31(b) |
| 9(e) Page 10, Line 50(b) | 20 (c)- (e) Line 11 * 35% |
| 11(c) Page 10, Line 46(d) | 21(c) Page 10, Line 46(e) |
| 11(d) Page 10, Line 48(d) | 21(d) Page 10, Line 48(e) |
| 11(e) Page 10, Line 50(d) | 21(e) Page 10, Line 50(e) |
| 12(c) - (e) Schedule 4, Page 1 Line 23 | 22(a) - (e) Sum of Lines 19 - 21 |
| 13(c) Page 10, Line 46(f) | 24(a) - (e) Line 7 + Line 17 - Line 22 |
| 13(d) Page 10, Line 48(f) | |
| 13(e) Page 10, Line 50(f) | |

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 22 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 2 of 20

The Narragansett Electric Company d/b/a National Grid Test Year Rate Base - Distribution Five Quarter Average						
Description	June 2016 (a)	September 2016 (b)	Quarter Ending December 2016 (c)	March 2017 (d)	June 2017 (e)	Five Quarter Average (f)
1 Utility Plant in Service	\$1,483,904,318	\$1,487,785,788	\$1,490,507,033	\$1,525,211,443	\$1,529,038,072	\$1,503,289,331
2						
3 Property Held for Future Use	\$2,496,405	\$2,496,405	\$2,496,405	\$2,496,405	\$2,496,405	\$2,496,405
4 Less: Contribution in Aid of Construction	\$2,756	\$2,756	\$2,756	(\$518,630)	\$2,756	(\$101,521)
5 Less: Accumulated Depreciation	\$656,628,902	\$656,147,751	\$654,105,202	\$661,928,361	\$652,283,601	\$656,218,763
6						
7 Net Plant in Service	<u>\$829,769,065</u>	<u>\$834,131,685</u>	<u>\$838,895,480</u>	<u>\$866,298,116</u>	<u>\$879,248,120</u>	<u>\$849,668,494</u>
8						
9 Plus:						
10 Materials and Supplies	\$5,204,452	\$4,879,444	\$4,525,831	\$5,510,606	\$3,632,412	\$4,750,549
11 Prepayments	\$630,356	\$907,230	\$1,444,668	\$1,054,315	(\$324,172)	\$742,480
12 Loss on Reacquired Debt	\$1,907,920	\$1,882,220	\$1,854,556	\$2,318,694	\$1,709,381	\$1,934,554
13 Cash Working Capital	\$4,975,475	\$4,975,475	\$4,975,475	\$4,975,475	\$4,975,475	\$4,975,475
14 Unamortized Interest Rate Lock	\$2,623,958	\$2,531,525	\$2,439,092	\$2,346,659	\$2,254,226	\$2,439,092
15 Unamortized Debt Issuance Costs (\$550M)	\$1,162,933	\$1,138,465	\$1,113,997	\$1,089,529	\$1,065,062	\$1,113,997
16 Unamortized Debt Issuance Costs (\$250M 2012)	\$963,498	\$954,379	\$945,261	\$936,143	\$927,024	\$945,261
17 Subtotal	<u>\$17,468,592</u>	<u>\$17,268,739</u>	<u>\$17,298,880</u>	<u>\$18,231,421</u>	<u>\$14,239,408</u>	<u>\$16,901,408</u>
18						
19 Less:						
20 Accumulated Deferred FIT	\$178,348,805	\$193,417,512	\$165,941,844	\$184,975,771	\$196,614,471	\$183,859,681
21 Accumulated Deferred FIT - Loss on Reacquired Debt	\$667,772	\$658,777	\$649,095	\$811,543	\$598,283	\$677,094
22 Customer Deposits	<u>\$10,276,171</u>	<u>\$10,375,796</u>	<u>\$10,276,666</u>	<u>\$10,154,831</u>	<u>\$8,699,858</u>	<u>\$9,956,664</u>
23 Subtotal	<u>\$189,292,748</u>	<u>\$204,452,085</u>	<u>\$176,867,604</u>	<u>\$195,942,145</u>	<u>\$205,912,612</u>	<u>\$194,493,439</u>
24						
25 Rate Base	<u>\$657,944,909</u>	<u>\$646,948,339</u>	<u>\$679,326,756</u>	<u>\$688,587,393</u>	<u>\$687,574,916</u>	<u>\$672,076,463</u>

Column Notes

- (a) Column(a) from Page 4 - Column(a) from Page 3
(b) Column(b) from Page 4 - Column(b) from Page 3
(c) Column(c) from Page 4 - Column(c) from Page 3
(d) Column(d) from Page 4 - Column(d) from Page 3
(e) Column(e) from Page 4 - Column(e) from Page 3

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 23 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 3 of 20

The Narragansett Electric Company d/b/a National Grid
Test Year Rate Base - Integrated Facilities Agreement (IFA) and Block Island Transmission System
Five Quarter Average

Description	June 2016 (a)	September 2016 (b)	Quarter Ending December 2016 (c)	March 2017 (d)	June 2017 (e)	Five Quarter Average (f)
1 Utility Plant in Service	\$837,858,278	\$837,980,360	\$925,389,760	\$943,635,963	\$948,680,657	\$898,709,004
2						
3 Property Held for Future Use	\$12,531,903	\$12,531,903	\$12,531,903	\$12,531,903	\$12,531,903	\$12,531,903
4 Less: Contribution in Aid of Construction	\$0	\$0	\$0	\$0	\$0	\$0
5 Less: Accumulated Depreciation	\$98,171,448	\$97,433,163	\$96,405,529	\$99,824,250	\$102,899,605	\$98,946,799
6						
7 Net Plant in Service	<u>\$752,218,732</u>	<u>\$753,079,101</u>	<u>\$841,516,133</u>	<u>\$856,343,616</u>	<u>\$858,312,955</u>	<u>\$812,294,107</u>
8						
9 Plus:						
10 Materials and Supplies	\$3,099,585	\$2,868,780	\$2,720,358	\$1,338,323	\$2,684,191	\$2,542,247
11 Prepayments	\$367,547	\$526,333	\$836,202	\$256,054	\$475,210	\$492,269
12 Loss on Reacquired Debt	\$1,112,467	\$1,091,978	\$1,073,453	\$563,126	\$1,126,251	\$993,455
13 Cash Working Capital	\$2,870,239	\$3,789,549	\$2,681,655	\$3,194,316	\$2,514,043	\$3,009,960
14 Unamortized Interest Rate Lock	\$1,623,928	\$1,566,724	\$1,509,520	\$1,452,316	\$1,395,112	\$1,509,520
14 Unamortized Debt Issuance Costs (\$550M)	\$816,103	\$800,961	\$785,818	\$770,675	\$710,105	\$776,732
15 Unamortized Debt Issuance Costs (\$250M 2012)	\$641,436	\$635,793	\$630,149	\$624,506	\$618,863	\$630,149
16 Subtotal	<u>\$10,531,305</u>	<u>\$11,280,118</u>	<u>\$10,237,155</u>	<u>\$8,199,317</u>	<u>\$9,523,775</u>	<u>\$9,954,334</u>
17						
18 Less:						
19 Accumulated Deferred FIT	\$154,416,255	\$156,079,291	\$158,841,895	\$168,039,168	\$159,376,348	\$159,350,591
20 Accumulated Deferred FIT - Loss on Reacquired Debt	\$389,363	\$382,192	\$375,709	\$197,094	\$394,188	\$347,709
21 Customer Deposits	\$0	\$0	\$0	\$0	\$0	\$0
23 Subtotal	<u>\$154,805,618</u>	<u>\$156,461,483</u>	<u>\$159,217,604</u>	<u>\$168,236,262</u>	<u>\$159,770,536</u>	<u>\$159,698,301</u>
24						
25 Rate Base	<u>\$607,944,420</u>	<u>\$607,897,736</u>	<u>\$692,535,685</u>	<u>\$696,306,671</u>	<u>\$708,066,194</u>	<u>\$662,550,141</u>

Column Notes

(a) - (e) Per Company Books

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 24 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 4 of 20

The Narragansett Electric Company d/b/a National Grid
Test Year Rate Base - Total Distribution and IFA
Five Quarter Average

Description	June 2016 (a)	September 2016 (b)	Quarter Ending December 2016 (c)	March 2017 (d)	June 2017 (e)	Five Quarter Average (f)
1 Utility Plant in Service	\$2,321,762,596	\$2,325,766,148	\$2,415,896,793	\$2,468,847,406	\$2,477,718,729	\$2,401,998,334
2						
3 Property Held for Future Use	\$15,028,308	\$15,028,308	\$15,028,308	\$15,028,308	\$15,028,308	\$15,028,308
4 Less: Contribution in Aid of Construction	\$2,756	\$2,756	\$2,756	(\$518,630)	\$2,756	(\$101,521)
5 Less: Accumulated Depreciation	\$754,800,350	\$753,580,914	\$750,510,731	\$761,752,611	\$755,183,206	\$755,165,562
6						
7 Net Plant in Service	<u>\$1,581,987,798</u>	<u>\$1,587,210,786</u>	<u>\$1,680,411,614</u>	<u>\$1,722,641,733</u>	<u>\$1,737,561,075</u>	<u>\$1,661,962,601</u>
8						
9 Plus:						
10 Materials and Supplies	\$8,304,037	\$7,748,224	\$7,246,188	\$6,848,929	\$6,316,603	\$7,292,796
11 Prepayments	\$997,903	\$1,433,564	\$2,280,870	\$1,310,370	\$151,039	\$1,234,749
12 Loss on Reacquired Debt	\$3,020,387	\$2,974,198	\$2,928,009	\$2,881,820	\$2,835,632	\$2,928,009
13 Cash Working Capital	\$7,845,714	\$8,765,024	\$7,657,130	\$8,169,791	\$7,489,518	\$7,985,435
14 Unamortized Interest Rate Lock	\$4,247,886	\$4,098,249	\$3,948,612	\$3,798,975	\$3,649,338	\$3,948,612
15 Unamortized Interest Rate Lock \$550M	\$1,979,036	\$1,939,426	\$1,899,815	\$1,763,818	\$1,724,208	\$1,861,261
16 Unamortized Debt Issuance Costs \$550M	\$1,604,933	\$1,590,172	\$1,575,410	\$1,515,504	\$1,500,743	\$1,557,352
17 Subtotal	<u>\$27,999,897</u>	<u>\$28,548,857</u>	<u>\$27,536,035</u>	<u>\$26,289,207</u>	<u>\$23,667,080</u>	<u>\$26,808,215</u>
18						
19 Less:						
20 Accumulated Deferred FIT	\$332,765,060	\$349,496,803	\$324,783,739	\$353,014,939	\$355,990,819	\$343,210,272
21 Accumulated Deferred FIT - Loss on Reacquired Debt	\$1,057,135	\$1,040,969	\$1,024,803	\$1,008,637	\$992,471	\$1,024,803
22 Customer Deposits	\$10,276,171	\$10,375,796	\$10,276,666	\$10,154,831	\$8,699,858	\$9,956,664
23 Subtotal	<u>\$344,098,367</u>	<u>\$360,913,568</u>	<u>\$336,085,208</u>	<u>\$364,178,406</u>	<u>\$365,683,148</u>	<u>\$354,191,740</u>
24						
25 Rate Base	<u>\$1,265,889,328</u>	<u>\$1,254,846,074</u>	<u>\$1,371,862,441</u>	<u>\$1,384,752,533</u>	<u>\$1,395,545,007</u>	<u>\$1,334,579,077</u>

Column Notes

(a) - (e) Per Company Books

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 5 of 20

The Narragansett Electric Company d/b/a National Grid Adjustments to Rate Base Analysis of Test Year through Rate Year Capital Investment									
	FY18 4/1/17 - 6/30/17 (a)	FY19 4/1/18 - 8/31/18 (c)	FY20 4/1/19 - 8/31/19 (e)	Rate Year 1 9/1/18 - 8/31/19 (f)=(d)+(e)	FY21 9/1/19 - 3/31/20 (g)	Rate Year 2 9/1/19 - 8/31/20 (i)=(g)+(h)	FY21 9/1/20 - 3/31/21 (j)	Rate Year 3 9/1/20 - 8/31/21 (l)=(j)+(k)	FY22 9/1/21 - 8/31/22 (m)
Distribution									
1 FY 2018 Approved ISR Plan	\$ 18,710,750	\$561,122.50	\$31,184,583	\$43,658,417	\$31,184,583	\$74,843,000			
2									
3									
4									
5									
6									
7									
General Plant									
8 Facilities	\$0	\$0	\$1,542,917	\$1,102,083	\$1,102,083	\$2,645,000	\$1,166,667	\$2,000,000	\$2,000,000
9 IS Costs	\$0	\$35,000	\$53,000	\$0	\$0	\$53,000	\$0	\$0	\$0
10 Fleet/Inventory Mgmt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Total General	\$0	\$35,000	\$1,595,917	\$1,102,083	\$1,102,083	\$2,698,000	\$1,166,667	\$2,000,000	\$2,000,000
12 Amount Applicable to Transmission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 Amount Applicable to Distribution	\$0	\$35,000	\$1,595,917	\$1,102,083	\$1,102,083	\$2,698,000	\$1,166,667	\$2,000,000	\$2,000,000
14									
15 Distribution and General	\$ 18,710,750	\$561,122.50	\$31,184,583	\$43,658,417	\$31,184,583	\$74,843,000	\$1,166,667	\$2,000,000	\$2,000,000

Line Notes

5(a) - (m) Sum of Lines 1-4

8 Per Company Books

900 R/Elec Only Physical Security Replacements - FY18

900 R/Elec Only Physical Security Replacements - FY18

15(a) - (m) Sum of Line 5 - Line 13

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 6 of 20

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Plant in Service

	Description	Period (a)	Distribution Plant In Service (b)
1	Balance at June 30, 2017		\$1,529,038,072
2	Less: ARO		(\$1,123,411)
3	Less: Other Capital Adjustments		(\$14,007,757)
4	Adjusted Balance at June 30, 2017		\$1,513,906,904
5			
6			
7	Plus: Plant Additions 2 months ending 8/31/17		\$12,473,833
8	Less: Streetlight Retirement in 2 months ending 8/31/17		(\$1,057,011)
9	Less: Plant Retirements 2 months ending 8/31/17		(\$3,699,739)
10	Net Increase		\$7,717,083
11			
12	Balance at August 31, 2017		\$1,521,623,987
13			
14	Plus: Plant Additions 12 Months Ended 8/31/18		\$74,843,000
15	Less: Plant Retirements 12 Months Ended 08/31/18		(\$22,198,434)
16	Net Increase		\$52,644,566
17			
18	Balance at August 31, 2018		\$1,574,268,553
19			
20			
21		09/30/18 1/	\$1,578,813,748
22		10/31/18 1/	\$1,583,358,943
23		11/30/18 1/	\$1,587,904,138
24		12/31/18 1/	\$1,592,449,333
25		01/31/19 1/	\$1,596,994,528
26		02/28/19 1/	\$1,601,539,723
27		03/31/19 1/	\$1,606,084,918
28		04/30/19 1/	\$1,610,630,113
29		05/31/19 1/	\$1,615,175,308
30		06/30/19 1/	\$1,619,720,503
31		07/31/19 1/	\$1,624,265,698
32		08/31/19 1/	\$1,628,810,893
33			
34	Rate Year Plant in Service - 5 Quarter Average		<u>\$1,601,539,723</u>
35			
36	1/ Adjustment Detail:		
37	Plant Detail 12 Months Ended 8/31/19		
38	Plant Additions 12 Months Ended 8/31/19		\$77,541,000
39	Plant Retirements 12 Months Ended 8/31/19		(\$22,998,661)
40	Net Increase / (Decrease)		<u>\$54,542,339</u>
41			
42	Monthly Increase / (Decrease)		<u>\$4,545,195</u>

Line Notes

- 1 Page 2, Line 1(e)
- 2 Schedule 6-ELEC Page 4, Line 18(b)
- 3 Schedule 6-ELEC Page 4, Line 18(d)
- 4 Sum of Lines 1- 3
- 7 Schedule 6-ELEC Page 1, Line 14(b)
- 8 Schedule 6-ELEC Page 1, Line 15(b)
- 9 Schedule 6-ELEC Page 1, Line 16(b)
- 10 Sum of Lines 7-9
- 12 Line 4 + Line 10
- 14 Schedule 6-ELEC Page 1, Line 34(b)
- 15 Schedule 6-ELEC Page 1, Line 35(b)
- 16 Line 14 + Line 15
- 18 Line 12 + Line 16
- 21 Line 18 + Line 42
- 22-32 Prior Month Balance + Line 42
- 34 Average of Lines 18, 23, 26, 29, and 32
- 38 Schedule 6-ELEC Page 2, Line 6(b)
- 39 Schedule 6-ELEC Page 2, Line 7(b)
- 40 Line 38 + Line 38
- 42 Line 40 divided by 12

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 7 of 20

The Narragansett Electric Company d/b/a National Grid
Plant Adjustments to Rate Base
Rate Year 1 Ending August 31, 2019 through Rate Year 3 Ending August 31, 2021
Electric Plant in Service Forecast

Description	Period (a)	Distribution Plant in Service (b)
1 Balance at August 31, 2019		\$1,628,810,893
2		
3 Balance as of:	09/30/19 1/	\$1,628,928,126
4	10/31/19 1/	\$1,629,045,359
5	11/30/19 1/	\$1,629,162,593
6	12/31/19 1/	\$1,629,279,826
7	01/31/20 1/	\$1,629,397,059
8	02/28/20 1/	\$1,629,514,293
9	03/31/20 1/	\$1,629,631,526
10	04/30/20 1/	\$1,629,748,759
11	05/31/20 1/	\$1,629,865,993
12	06/30/20 1/	\$1,629,983,226
13	07/31/20 1/	\$1,630,100,459
14 Balance at August 31, 2020	1/	\$1,630,217,693
15		
16 Rate Year 2 Plant in Service - 5 Quarter Average		<u>\$1,629,514,293</u>
17		
18 Balance at August 31, 2020		\$1,630,217,693
19		
20 Balance as of:	09/30/20 2/	\$1,630,334,926
21	10/31/20 2/	\$1,630,452,159
22	11/30/20 2/	\$1,630,569,393
23	12/31/20 2/	\$1,630,686,626
24	01/31/21 2/	\$1,630,803,859
25	02/28/21 2/	\$1,630,921,093
26	03/31/21 2/	\$1,631,038,326
27	04/30/21 2/	\$1,631,155,559
28	05/31/21 2/	\$1,631,272,793
29	06/30/21 2/	\$1,631,390,026
30	07/31/21 2/	\$1,631,507,259
31 Balance at August 31, 2021	2/	\$1,631,624,493
32		
33 Rate Year 3 Plant in Service - 5 Quarter Average		<u>\$1,630,921,093</u>
34		
35 1/ Rate Year 2 ending 08/31/20 Adjustment Detail:		
36 Plant Additions 12 Months Ended 08/31/2020		\$2,000,000
37 Plant Retirements 12 Months Ended 08/31/2020		<u>(\$593,200)</u>
38 Net Increase / (Decrease)		<u>\$1,406,800</u>
39		
40		
41 Monthly Increase / (Decrease)		<u>\$117,233</u>
42		
43 2/ Rate Year 3 ending 08/31/21 Adjustment Detail:		
44 Plant Additions 12 Months Ended 08/31/2021		\$2,000,000
45 Plant Retirements 12 Months Ended 08/31/2021		<u>(\$593,200)</u>
46 Net Increase / (Decrease)		<u>\$1,406,800</u>
47		
48		
49 Monthly Increase / (Decrease)		<u>\$117,233</u>

Line Notes

- 1 Page 6, Line 32
- 3 Line 1 + Line 41
- 4-14 Prior Month Balance + Line 41
- 16 Average of Lines 1, 5, 8, 11, and 14
- 18 Line 14
- 20 Line 18 + Line 49
- 21-31 Prior Month Balance + Line 49
- 33 Average of Lines 18, 22, 25, 28, and 31
- 36 Schedule 6-ELEC Page 2, Line 27(b)
- 37 Schedule 6-ELEC Page 2, Line 28(b)
- 38 Line 36 + Line 37
- 41 Line 38 divided by 12
- 44 Schedule 6-ELEC Page 2, Line 48(b)
- 45 Schedule 6-ELEC Page 2, Line 49(b)
- 46 Line 44+ Line 45
- 49 Line 46 divided by 12

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 8 of 20

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Accumulated Depreciation

	Description	Period	Accumulated Depreciation
		(a)	(b)
1	Balance at June 30, 2017		\$652,405,159
2			
3	Depreciation Expense 07/01/2017 - 08/31/2017		\$8,603,666
4	Less: Streetlights retired in the 2 Mos Ended 08/31/17 and Dep. for 2		(\$1,307)
5	Less: Net Cost of Removal / (Salvage)		(\$1,281,063)
6	Less: Retirements		(\$3,699,739)
7	Net Increase		\$3,621,557
8			
9	Balance at August 31, 2017		\$656,026,715
10			
11	Depreciation Expense 09/01/17 - 08/31/18		\$52,630,173
12	Less: Net Cost of Removal / (Salvage)		(\$7,686,376)
13	Less: Retirements		(\$22,198,434)
14	Net Increase / (Decrease)		\$22,745,363
15			
16	Balance at August 31, 2018		\$678,772,079
17			
18		09/30/18 1/	\$680,369,263
19		10/31/18 1/	\$681,966,447
20		11/30/18 1/	\$683,563,631
21		12/31/18 1/	\$685,160,816
22		01/31/19 1/	\$686,758,000
23		02/28/19 1/	\$688,355,184
24		03/31/19 1/	\$689,952,368
25		04/30/19 1/	\$691,549,553
26		05/31/19 1/	\$693,146,737
27		06/30/19 1/	\$694,743,921
28		07/31/19 1/	\$696,341,105
29	Balance at August 31, 2019	1/	\$697,938,290
30			
31	Rate Year Accumulated Depreciation - Five Quarter Average		\$688,355,184
32			
33	1/ Rate Year Ended 8/31/19 Depreciation Reserve Detail:		
34	Depreciation Expense		\$50,375,341
35	Plus: Unrecovered Reserve Adjustment		(\$247,009)
36	Net Cost of Removal / (Salvage)		(\$7,963,461)
37	Less: Retirements		(\$22,998,661)
38	Net Increase / (Decrease)		\$19,166,211
39			
40	Monthly Increase / (Decrease)		\$1,597,184

Line Notes

- 1 Schedule 6-ELEC Page 1, Line 23(b)
- 3 Schedule 6-ELEC Page 1, Line 24(b)
- 4 Schedule 6-ELEC Page 1, Line 25(b)
- 5 Schedule 6-ELEC Page 1, Line 25(b)
- 6 Schedule 6-ELEC Page 1, Line 26(b)
- 7 Sum of Lines 3-6
- 8 Line 1 + Line 7
- 11 Schedule 6-ELEC Page 1, Line 43(b)
- 12 Schedule 6-ELEC Page 1, Line 44(b)
- 13 Schedule 6-ELEC Page 1, Line 45(b)
- 14 Sum of Lines 11-13
- 16 Line 9 + Line 14
- 18 Line 16 + Line 40
- 19-29 Prior Month Balance + Line 340
- 31 Average of Lines 16, 20, 23, 26, and 29
- 34 Schedule 6-ELEC Page 2, Line 16(b)
- 35 Schedule 6-ELEC Page 2, Line 17(b)
- 36 Schedule 6-ELEC Page 2, Line 18(b)
- 37 Schedule 6-ELEC Page 2, Line 19(b)
- 38 Sum of Lines 33-36
- 40 Line 37 divided by 12

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 9 of 20

The Narragansett Electric Company d/b/a National Grid
Accumulated Depreciation Adjustments To Rate Base
Rate Year 1 Ending August 31, 2019 through Rate Year 3 Ending August 31, 2021

Description	Period	Accumulated Depreciation
	(a)	(b)
1 Balance @ August 31, 2019		\$697,938,290
2		
3 Balance as of:	09/30/19 1/	\$702,122,427
4	10/31/19 1/	\$706,306,565
5	11/30/19 1/	\$710,490,703
6	12/31/19 1/	\$714,674,841
7	01/31/20 1/	\$718,858,978
8	02/28/20 1/	\$723,043,116
9	03/31/20 1/	\$727,227,254
10	04/30/20 1/	\$731,411,392
11	05/31/20 1/	\$735,595,530
12	06/30/20 1/	\$739,779,667
13	07/31/20 1/	\$743,963,805
14 Balance @ August 31, 2020	1/	\$748,147,943
15		
16 Rate Year 2 Accumulated Depreciation - 5 Quarter Average		<u>\$723,043,116</u>
17		
18 Balance @ August 31, 2020		\$748,147,943
19		
20 Balance as of:	09/30/20 2/	\$752,335,768
21	10/31/20 2/	\$756,523,593
22	11/30/20 2/	\$760,711,419
23	12/31/20 2/	\$764,899,244
24	01/31/21 2/	\$769,087,069
25	02/28/21 2/	\$773,274,895
26	03/31/21 2/	\$777,462,720
27	04/30/21 2/	\$781,650,545
28	05/31/21 2/	\$785,838,370
29	06/30/21 2/	\$790,026,196
30	07/31/21 2/	\$794,214,021
31 Balance @ August 31, 2021	2/	\$798,401,846
32		
33 Rate Year 3 Accumulated Depreciation - 5 Quarter Average		<u>\$773,274,895</u>
34		
35 1/ Rate Year 2 Ended 08/31/20 Depreciation Reserve Detail:		
36 Depreciation Expense 09/01/19 - 08/31/20		\$51,255,262
37 Plus: Unrecovered Reserve Adjustment		(\$247,009)
38 Net Cost of Removal / (Salvage)		(\$205,400)
39 Less: Retirements		(\$593,200)
40 Net Increase / (Decrease)		<u>\$50,209,653</u>
41		
42 Monthly Increase / (Decrease)		<u>\$4,184,138</u>
43		
44 2/ Rate Year 3 Ended 08/31/21 Depreciation Reserve Detail:		
45 Depreciation Expense 09/01/20 - 08/31/21		\$51,299,512
46 Plus: Unrecovered Reserve Adjustment		(\$247,009)
47 Net Cost of Removal / (Salvage)		(\$205,400)
48 Less: Retirements		(\$593,200)
49 Net Increase / (Decrease)		<u>\$50,253,903</u>
50		
51 Monthly Increase / (Decrease)		<u>\$4,187,825</u>

Line Notes

- 1 Page 8, Line 28
- 3 Line 1 + Line 42
- 4-14 Prior Month Balance + Line 42
- 16 Average of Lines 1, 5, 8, 11, and 14
- 18 Line 14
- 20 Line 18 + Line 51
- 21-31 Prior Month Balance + Line 51
- 33 Average of Lines 18, 22, 25, 28, and 31
- 36 Schedule 6-ELEC Page 2 Line 37(b)
- 37 Schedule 6-ELEC Page 2 Line 38(b)
- 38 Schedule 6-ELEC Page 2 Line 39(b)
- 39 Schedule 6-ELEC Page 2 Line 40(b)
- 40 Sum of Lines 36-39
- 42 Line 40 divided by 12
- 45 Schedule 6-ELEC Page 2 Line 58(b)
- 46 Schedule 6-ELEC Page 2 Line 59(b)
- 47 Schedule 6-ELEC Page 2 Line 60(b)
- 48 Schedule 6-ELEC Page 2 Line 61(b)
- 49 Sum of Lines 45-48
- 51 Line 49 divided by 12

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8
Page 30 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 10 of 20

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Other Rate Base Adjustments For 12 months ending August 31, 2019

Description	Period	CIAC (a)	Materials and Supplies (b)	Prepayments (c)	Loss on Reacquired Debt (d)	Customer Deposits (e)	Unamort Lock (f)	\$550M Unamort Insurance Costs (g)	\$250M Unamort Insurance Costs (h)	\$350M Unamort Insurance Costs (i)
1 Distribution Only Balance @ June 30, 2017		\$2,756	\$3,632,412	(\$324,172)	\$1,709,381	\$8,699,858	\$2,254,226	\$1,065,062	\$927,024	\$0
2										
3 Total Increase/(Decrease)		\$0	(\$83,241)	\$206,918	\$0	\$113,226	(\$369,732)	(\$97,871)	(\$36,473)	\$0
4										
5 Distribution Only Balance @ June 30, 2018		\$2,756	\$3,549,171	(\$117,253)	\$1,709,381	\$8,813,084	\$1,884,494	\$967,190	\$890,551	\$0
6										
7 07/31/18	\$2,756	\$3,542,234	(\$100,010)	\$1,485,554	\$8,822,520	\$1,853,683	\$959,034	\$887,512	\$613,249	
8 08/31/18	\$2,756	\$3,535,297	(\$82,767)	\$1,473,505	\$8,831,955	\$1,822,872	\$950,878	\$888,472	\$608,139	
9 09/30/18	\$2,756	\$3,528,360	(\$65,524)	\$1,461,457	\$8,841,391	\$1,792,061	\$942,722	\$881,433	\$603,028	
10 10/31/18	\$2,756	\$3,521,423	(\$48,280)	\$1,449,408	\$8,850,826	\$1,761,250	\$934,567	\$878,394	\$597,918	
11 11/30/18	\$2,756	\$3,514,487	(\$31,037)	\$1,437,360	\$8,860,262	\$1,730,439	\$926,411	\$875,354	\$592,807	
12 12/31/18	\$2,756	\$3,507,550	(\$13,794)	\$1,425,311	\$8,869,697	\$1,699,628	\$918,255	\$872,315	\$587,697	
13 01/31/19	\$2,756	\$3,500,613	\$3,449	\$1,413,263	\$8,879,133	\$1,668,817	\$910,099	\$869,275	\$582,587	
14 02/28/19	\$2,756	\$3,493,676	\$20,692	\$1,401,214	\$8,888,568	\$1,638,006	\$901,943	\$866,236	\$577,476	
15 03/31/19	\$2,756	\$3,486,740	\$37,936	\$1,389,166	\$8,898,004	\$1,607,195	\$893,787	\$863,196	\$572,366	
16 04/30/19	\$2,756	\$3,479,803	\$55,179	\$1,377,118	\$8,907,439	\$1,576,384	\$885,631	\$860,157	\$567,255	
17 05/31/19	\$2,756	\$3,472,866	\$72,422	\$1,365,069	\$8,916,875	\$1,545,573	\$877,475	\$857,118	\$562,145	
18 06/30/19	\$2,756	\$3,465,929	\$72,422	\$1,353,021	\$8,926,310	\$1,514,762	\$869,219	\$849,078	\$557,034	
19 07/31/19	\$2,756	\$3,458,992	\$89,665	\$1,340,972	\$8,935,746	\$1,483,951	\$861,163	\$851,039	\$551,924	
20 08/31/19	\$2,756	\$3,452,056	\$0	\$1,328,924	\$8,945,182	\$1,453,140	\$853,007	\$847,999	\$546,814	
21 09/30/19	\$2,756	\$3,445,119	\$0	\$1,316,875	\$8,954,617	\$1,422,329	\$844,851	\$844,960	\$541,703	
22 10/31/19	\$2,756	\$3,438,182	\$0	\$1,304,827	\$8,964,053	\$1,391,518	\$836,695	\$841,920	\$536,593	
23 11/30/19	\$2,756	\$3,431,245	\$0	\$1,292,778	\$8,973,488	\$1,360,707	\$828,539	\$838,881	\$531,482	
24 12/31/19	\$2,756	\$3,424,308	\$0	\$1,280,730	\$8,982,924	\$1,329,896	\$820,383	\$835,842	\$526,372	
25 01/31/20	\$2,756	\$3,417,372	\$0	\$1,268,682	\$8,992,359	\$1,299,085	\$812,227	\$832,802	\$521,262	
26 02/29/20	\$2,756	\$3,410,435	\$0	\$1,256,633	\$9,001,795	\$1,268,274	\$804,071	\$829,763	\$516,151	
27 03/31/20	\$2,756	\$3,403,498	\$0	\$1,244,585	\$9,011,230	\$1,237,463	\$795,916	\$826,723	\$511,041	
28 04/30/20	\$2,756	\$3,396,561	\$0	\$1,232,536	\$9,020,666	\$1,206,652	\$787,760	\$823,684	\$505,930	
29 05/31/20	\$2,756	\$3,389,624	\$0	\$1,220,488	\$9,030,101	\$1,175,841	\$779,604	\$820,644	\$500,820	
30 06/30/20	\$2,756	\$3,382,688	\$0	\$1,208,439	\$9,039,537	\$1,145,030	\$771,448	\$817,605	\$495,710	
31 07/31/20	\$2,756	\$3,375,751	\$0	\$1,196,391	\$9,048,972	\$1,114,219	\$763,292	\$814,566	\$490,599	
32 08/31/20	\$2,756	\$3,368,814	\$0	\$1,184,342	\$9,058,408	\$1,083,408	\$755,136	\$811,526	\$485,489	
33 09/30/20	\$2,756	\$3,361,877	\$0	\$1,172,294	\$9,067,843	\$1,052,597	\$746,980	\$808,487	\$480,378	
34 10/31/20	\$2,756	\$3,354,941	\$0	\$1,160,246	\$9,077,279	\$1,021,786	\$738,824	\$805,447	\$475,268	
35 11/30/20	\$2,756	\$3,348,004	\$0	\$1,148,197	\$9,086,714	\$990,975	\$730,668	\$802,408	\$470,158	
36 12/31/20	\$2,756	\$3,341,067	\$0	\$1,136,149	\$9,096,150	\$960,164	\$722,512	\$799,368	\$465,047	
37 01/31/21	\$2,756	\$3,334,130	\$0	\$1,124,100	\$9,105,585	\$929,353	\$714,356	\$796,329	\$459,937	
38 02/28/21	\$2,756	\$3,327,193	\$0	\$1,112,052	\$9,115,021	\$898,542	\$706,200	\$793,290	\$454,826	
39 03/31/21	\$2,756	\$3,320,257	\$0	\$1,100,003	\$9,124,457	\$867,731	\$698,044	\$790,250	\$449,716	
40 04/30/21	\$2,756	\$3,313,320	\$0	\$1,087,955	\$9,133,892	\$836,920	\$689,888	\$787,211	\$444,605	
41 05/31/21	\$2,756	\$3,306,383	\$0	\$1,075,906	\$9,143,328	\$806,109	\$681,732	\$784,171	\$439,495	
42 06/30/21	\$2,756	\$3,299,446	\$0	\$1,063,858	\$9,152,763	\$775,298	\$673,576	\$781,132	\$434,385	
43 07/31/21	\$2,756	\$3,292,509	\$0	\$1,051,809	\$9,162,199	\$744,487	\$665,420	\$778,092	\$429,274	
44 08/31/21	\$2,756	\$3,285,573	\$0	\$1,039,761	\$9,171,634	\$713,676	\$657,265	\$775,053	\$424,164	
45										
46 Rate Year 1 Amounts - Five Quarter Average	\$2,756	\$3,493,676	\$0	\$1,401,214	\$8,888,568	\$1,638,006	\$901,943	\$866,236	\$577,476	
47										
48 Rate Year 2 Amounts - Five Quarter Average	\$2,756	\$3,403,498	\$0	\$1,244,585	\$9,011,230	\$1,237,463	\$795,916	\$826,723	\$511,041	
49										
50 Rate Year 3 Amounts - Five Quarter Average	\$2,756	\$3,327,193	\$0	\$1,112,052	\$9,115,021	\$898,542	\$706,200	\$793,290	\$454,826	
51										
52 Changes:										
53 Total Increase/(Decrease)	\$0	(\$128,866)	\$320,331	(\$223,827)	\$113,226	(\$369,732)	(\$97,871)	(\$36,473)	(\$61,325)	
54										
55 Percentage Applicable to IFA	0.00%	35.40%	35.40%	35.40%	0.00%	0.00%	0.00%	0.00%	0.00%	
56										
57 Less Amount Applicable to IFA	\$0	\$45,625	(\$113,413)	79,246	\$0	\$0	\$0	\$0	\$0	
58										
59 Total Distribution Only Increase/(Decrease)	\$0	(\$83,241)	\$206,918	(144,581)	\$113,226	(\$369,732)	(\$97,871)	(\$36,473)	(\$61,325)	
60										
61 Monthly Change	\$0	(6,937)	17,243	(12,048)	9,436	(30,811)	(8,156)	(3,039)	(\$5,110)	

Line Notes

1(a)	Page 2, Line 4(c)	7-44	Prior Month Balance + Line 61
1(b)	Page 2, Line 10(e)	46	Average of Lines 8, 11, 14, 17, and 20
1(c)	Page 2, Line 11(e)	48	Average of Lines 21, 24, 27, 30, and 33
1(d)	Page 2, Line 12(e)	50	Average of Lines 32, 35, 38, 41, and 44
1(e)	Page 2, Line 22(c)	53(b) - (e)	Adjustment based on average annual change for the prior 3 years
1(f)	Page 2, Line 14(c)	53(f)	Worksheet 3 Page 3, Line 10(a)-(f)
1(g)	Page 2, Line 15(c)	53(g)	Worksheet 3 Page 7, Line 9(c)-(20(c) + Page 12 Lines 9(i)-(20(i))
1(h)	Page 2, Line 16(c)	53(h)	Worksheet 3 Page 17, Line 8(g) to Line 19(g)
3	Line 59	53(i)	Worksheet 3 Page 22, Line 4 x 12
3(i)	Amortization does not begin until August 2018	55	Per Company Books
7(i)	Amortization does not begin until August 2018	57	Line 53 + Line 55
		59	Line 53 + Line 57
		61	Line 59 divided by 12

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 11 of 20

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Five Quarter Average Ending June 30, 2017 through Rate Year 3 Ending August 31, 2019
Accumulated Deferred Tax Forecast

Description	Period or Amount (a)	Accumulated Deferred Income Tax (b)
1 Balance at June 30, 2017		\$196,614,471
2 Impact of Federal Tax Reform on June 30, 2017 balance		(\$1,147,243)
3 Increase/(Decrease) 2 Month Ended	1/	\$2,580,654
4		
5 Balance at August 31, 2017		\$198,047,882
6		
7 Increase/(Decrease) 12 Month Ended	2/	\$5,847,765
8		
9 Balance at August 31, 2018		\$203,895,647
10		
11 Balance as of:	09/30/18	3/ \$203,836,407
12	10/31/18	3/ \$203,777,166
13	11/30/18	3/ \$203,717,926
14	12/31/18	3/ \$203,658,686
15	01/31/19	3/ \$203,599,446
16	02/28/19	3/ \$203,540,205
17	03/31/19	3/ \$203,480,965
18	04/30/19	3/ \$203,421,725
19	05/31/19	3/ \$203,362,484
20	06/30/19	3/ \$203,303,244
21	07/31/19	3/ \$203,244,004
22 Balance at August 31, 2019	3/	\$203,184,764
23		
24 Rate Year 1 Accumulated Deferred Income Tax - Five Quarter Average		<u>\$203,540,205</u>
25		
26	Book	Tax
27	(a)	(b)
28 1/ 2 Months Ending 08/30/17		(c)
29 Depreciation	\$8,602,358	\$16,781,928
30 Income Tax Rate		\$8,179,570
31 2 Month Change to Accumulated Deferred Taxes		<u>\$1,555</u>
32 Net Operating Loss Utilization		\$2,580,654
33 Proration Adjustment		\$0
34 Net Annual Change		<u>\$2,580,654</u>
35		
36 2/ 12 Months Ended 08/31/18:		
37 Depreciation	\$52,630,173	\$74,165,596
38 Income Tax Rate		\$21,535,423
39 Annual Change to Accumulated Deferred Taxes		<u>\$27,156</u>
40 Net Operating Loss Utilization		\$5,847,765
41 Proration Adjustment		\$0
42 Net Annual Change		<u>\$5,847,765</u>
43		
44 3/ 12 Months Ended 08/31/19:		
45 Depreciation	\$50,375,341	\$72,926,482
46 Income Tax Rate		\$22,551,141
47 Annual Change to Accumulated Deferred Taxes		<u>\$21,006</u>
48 Net Operating Loss Utilization		\$4,735,740
49 Proration Adjustment		\$0
50 Net Annual Change		<u>(\$380,623)</u>
51 Net of Amortization of Excess Deferred Tax		\$4,355,117
52 Monthly Change to Accumulated Deferred Taxes		<u>(\$59,240)</u>

Line Notes

- 1 Page 2, Line 20 + Line 21
3 Line 34(c)
5 Line 1 + Line 3
7 Line 42(c)
9 Line 5 + Line 7
11 Line 9(b) + Line 52(c)
12-22 Prior Month Balance + Line 52(c)
24 Average of Lines 9, 13, 16, 19, and 22
29(a) Schedule 6-ELEC Page 1, Line 24(b) + Schedule 6-ELEC Page 1, Line 25(b)
29(b) Page 14 Line 3(b)
30 Per Tax Dept
31 Line 29 x Line 30
33 Page 13 Line 3
34 Sum of Lines 31-33
37(a) Schedule 6-ELEC Page 1, Line 43(b)
37(b) Page 14 Line 3(c)
38 Per Tax Dept
39 Line 37 x Line 38
41 Page 13 Line 3(c)
42 Sum of Lines 39-41
45(a) Schedule 6-ELEC Page 2, Line 16(b)
45(b) Page 14 Line 3(d)
46 Per Tax Dept
47 Sum of Lines 47-49
49 Page 13, Line 3(d)
50 Sum of Lines 47-49
52 Line 50 divided by 12

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 12 of 20

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Five Quarter Average Ending June 30, 2017 through Rate Year 3 Ending August 31, 2019
Accumulated Deferred Tax Forecast

Description	Period or Amount (a)	Accumulated Deferred Income Tax (b)
1 Balance at August 31, 2019		\$203,565,387
2		
3 Balance as of:	09/30/19	1/ \$203,202,141
4	10/31/19	1/ \$202,838,896
5	11/30/19	1/ \$202,475,651
6	12/31/19	1/ \$202,112,405
7	01/31/20	1/ \$201,749,160
8	02/29/20	1/ \$201,385,915
9	03/31/20	1/ \$201,022,669
10	04/30/20	1/ \$200,659,424
11	05/31/20	1/ \$200,296,179
12	06/30/20	1/ \$199,932,934
13	07/31/20	1/ \$199,569,688
14 Balance @ August 31, 2020		1/ \$199,206,443
15		
16 Rate Year 2 Accumulated Deferred Income Tax - Five Quarter Average		\$201,385,915
17		
18 Balance as of:	09/30/20	2/ \$199,769,327
19	10/31/20	2/ \$199,666,017
20	11/30/20	2/ \$199,562,708
21	12/31/20	2/ \$199,459,399
22	01/31/21	2/ \$199,356,090
23	02/28/21	2/ \$199,252,781
24	03/31/21	2/ \$199,149,472
25	04/30/21	2/ \$199,046,163
26	05/31/21	2/ \$198,942,854
27	06/30/21	2/ \$198,839,545
28	07/31/21	2/ \$198,736,235
29 Balance @ August 31, 2021		2/ \$198,632,926
30		
31 Rate Year 3 Accumulated Deferred Income Tax - Five Quarter Average		\$199,252,781
32		
33	Book	Tax
34	(a)	(b)
35 1/ 12 Months Ended 08/31/20:		Difference
36		(c)
37 Depreciation	\$51,255,262	\$45,851,846
38 Income Tax Rate		21.00%
39 Annual Change to Accumulated Deferred Taxes		(\$1,134,717)
40 Net Operating Loss Utilization		\$2,507,967
41 Proration Adjustment		(\$666,193)
42 Net Annual Change		\$707,056
43 Amortization of Excess DIT		(\$5,066,000)
44 Monthly Change to Accumulated Deferred Taxes		(\$363,245)
45 2/ 12 Months Ended 08/31/21:		
46 Depreciation	\$51,299,512	\$43,468,954
47 Income Tax Rate		21.00%
48 Annual Change to Accumulated Deferred Taxes		(\$1,644,417)
49 Net Operating Loss Utilization		\$9,804,674
50 Proration Adjustment		(\$4,333,966)
51 Net Annual Change		\$3,826,291
52 Amortization of Excess DIT		(\$5,066,000)
53 Monthly Change to Accumulated Deferred Taxes		(\$103,309)

Line Notes

1 Page 11, Line 22(b)	40 Page 13, Line 3(e)
3 Line 1(b) + Line 43(c)	41 Sum of Lines 38-40
4-14 Prior Month Balance + Line 43(c)	43 Line 41 divided by 12
16 Average of Lines 1, 5, 8, 11, and 14	46(a) Schedule 6-ELEC Page 2, Line 58(b)
18 Line 14(b) + Line 53(c)	46(b) Page 14, Line 3(f)
19-29 Prior Month Balance + Line 53(c)	47 Per Tax Dept
31 Average of Lines 14, 20, 23, 26, and 29	48 Line 46 x Line 47
36(a) Schedule 6-ELEC Page 2, Line 37(b)	49 Per Tax Dept
36(b) Page 14, Line 3(e)	50 Page 13, Line 3(f)
37 Per Tax Dept	51 Sum of Lines 48-50
38 Line 36 x Line 37	53 Line 51 divided by 12
39 Per Tax Dept	

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 33 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 13 of 20

The Narragansett Electric Company d/b/a National Grid
Proration Adjustment
Test Year through Rate Year 3

Description	2 Months Ending August 31, 2017 (a)	12 Months Ending August 31, 2018 (b)	Rate Year 1 Ending August 31, 2019 (c)	Rate Year 2 Ending August 31, 2020 (d)	Rate Year 3 Ending August 31, 2021 (e)
1 Proration Adjustment	\$0	\$0	(\$380,623)	\$666,193	\$4,333,966
2					
3 Total	\$0	\$0	(\$380,623)	\$666,193	\$4,333,966
4					
5					
6 NOTE: Proration is not applicable to actual ADIT					
7					
8					
9					
10					
11					
12					
13 Deferred Tax Subject to Proration					
14 Book Depreciation	\$8,602,358	\$52,630,173	\$50,375,341	\$51,255,262	\$51,299,512
15 Bonus Depreciation	(\$4,778,726)	(\$2,392,332)	\$0	\$0	
16 Remaining MACRS Tax Depreciation	(\$7,805,758)	(\$46,659,851)	(\$47,021,426)	(\$45,182,813)	(\$42,799,921)
17					
18 Cumulative Book / Tax Timer	(\$3,982,125)	\$3,577,990	\$3,353,915	\$6,072,449	\$8,499,591
19 Effective Tax Rate	32%	27%	21%	21%	21%
20 Deferred Tax Reserve	(\$1,274,280)	\$966,057	\$704,322	\$1,275,214	\$1,784,914
21					
22 Net Operating Loss Utilization					
23					
24 Net Operating Loss Utilization				(\$11,942,698)	(\$46,688,922)
25 Effective Tax Rate			21%	21%	21%
26 Deferred Tax Reserve			\$0	(\$2,507,967)	(\$9,804,674)
27					
28 Total Accumulated Deferred Income Taxes Subject to Proration	\$0	\$0	\$704,322	(\$1,232,752)	(\$8,019,759)
29					
	<u>Number of Days in Month (a)</u>	<u>Proration Percentage (b)</u>			
30					
31					
32 Proration Calculation					
33 September	30	92%	\$0	\$0	\$53,869
34 October	31	83%	\$0	\$0	(\$94,286)
35 November	30	75%	\$0	\$0	(\$85,561)
36 December	31	67%	\$0	\$0	(\$556,623)
37 January	31	58%	\$0	\$0	(\$77,117)
38 February	28	50%	\$0	\$0	(\$501,693)
39 March	31	42%	\$0	\$0	(\$68,392)
40 April	30	34%	\$0	\$0	(\$444,932)
41 May	31	25%	\$0	\$0	(\$59,667)
42 June	30	17%	\$0	\$0	(\$388,171)
43 July	31	8%	\$0	\$0	(\$51,787)
44 August	31	0%	\$0	\$0	(\$336,903)
45 Total			\$0	\$0	(\$43,062)
46			\$323,699	(\$566,559)	(\$280,142)
47 Deferred Tax Without Proration			\$0	(\$1,232,752)	(\$225,212)
48 Proration Adjustment			\$0	\$666,193	(\$168,452)

Line Notes

1 Line 48(b)	18	Sum of Lines 14-16
14(a) Page 11, Line 29(a)	19	Per Tax Dept
14(b) Page 11, Line 37(a)	20	Line 18 x Line 19
14(c) Page 11, Line 45(a)	24(d)	Page 12, Line 39(c) divided by 35%
14(d) Page 12, Line 36(a)	24(e)	Page 12, Line 49(c) divided by 35%
14(e) Page 12, Line 46(a)	25	Per Tax Dept
15(a) Page 15, Line 1(c)	28	Line 20 + Line 26
15(b) Page 15, Line 4(c)	33-44	Line 28 x Percent in Col B
15(c) Page 15, Line 7(c)	45	Sum of Lines 33-44
15(d) Page 15, Line 10(c)	47	Line 28
15(e) Page 15, Line 13(c)	48	Line 45 - Line 47
16(a) Page 15, Line 2(d)		
16(b) Page 15, Line 2(e) + Line 5(e)		
16(c) Page 15, Line 2(f) + Line 5(f) + Line 8(f)		
16(d) Page 15, Line 2(g) + Line 5(g) + Line 8(g) + Line 11(g)		
16(e) Page 15, Line 2(h) + Line 5(h) + Line 8(h) + Line 11(h) + Line 14(h)		

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 34 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 14 of 20

The Narragansett Electric Company d/b/a National Grid
Federal Tax Depreciation
Test Year through Rate Year 3
Estimated Additions

Description	Test Year Ending June 30, 2017	2 Months Ending August 31, 2017	12 Months Ending August 31, 2018	Rate Year 1 Ending August 31, 2019	Rate Year 2 Ending August 31, 2020	Rate Year 3 Ending August 31, 2021
	(a)	(b)	(c)	(d)	(e)	(f)
1 Narragansett Electric Tax Depreciation of Embedded Plant	\$30,311,226	\$16,781,928	\$74,165,596	\$72,926,482	\$45,851,846	\$43,468,954
2						
3 Total	<u>\$30,311,226</u>	<u>\$16,781,928</u>	<u>\$74,165,596</u>	<u>\$72,926,482</u>	<u>\$45,851,846</u>	<u>\$43,468,954</u>

Line Notes

- 1(a) Per Tax Dept
- 1(b) Page 15, Line 16(d)
- 1(c) Page 15, Line 16(e)
- 1(d) Page 15, Line 16(f)
- 1(e) Page 15, Line 16(g)
- 1(f) Page 15, Line 16(h)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 35 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 15 of 20

The Narragansett Electric Company d/b/a National Grid
Federal Tax Depreciation
Summary

	Narragansett Electric Company	Capital Additions (a)	Capital Repairs Current Deduct (b)	Yr 1 Bonus (c)	Total Tax Depreciation and Repairs Deduction				
					2 Months Ending August 31, 2017 (d)	12 Months Ending August 31, 2018 (e)	Rate Year 1 Ending August 31, 2019 (f)	Rate Year 2 Ending August 31, 2020 (g)	Rate Year 2 Ending August 31, 2021 (h)
1	Tax Depreciation on Existing Plant				\$7,626,556	\$44,251,489	\$40,495,216	\$36,853,608	\$34,980,126
2	Capital Repairs/Bonus 2 Months Ending August 31, 2017	\$12,473,833	\$2,916,382	\$4,778,726	\$7,695,108				
3	MACRS 2 Months Ending August 31, 2017				\$179,202	\$344,976	\$319,076	\$295,182	\$273,009
4	Cost of Removal Test 2 Months Ending August 31, 2017				\$1,281,063				
5	Capital Repairs/Bonus 12 Months Ending August 31, 2018	\$74,843,000	\$17,427,037	\$2,392,332		\$19,819,369			
6	MACRS 12 Months Ending August 31, 2018					\$2,063,386	\$3,972,156	\$3,673,928	\$3,398,810
7	Cost of Removal Test 2 Months Ending August 31, 2018					\$7,686,376			
8	Capital Repairs/Bonus 12 Months Ending August 31, 2019	\$77,541,000	\$17,941,595	\$0			\$17,941,595		
9	MACRS 12 Months Ending August 31, 2019						\$2,234,978	\$4,302,481	\$3,979,452
10	Cost of Removal Test 2 Months Ending August 31, 2019						\$7,963,461		
11	Capital Repairs/Bonus 12 Months Ending August 31, 2020	\$2,000,000	\$463,633	\$0				\$463,633	
12	MACRS 12 Months Ending August 31, 2020							\$57,614	\$110,910
13	Cost of Removal Test 2 Months Ending August 31, 2020							\$205,400	
14	Capital Repairs/Bonus 12 Months Ending August 31, 2021	\$2,000,000	\$463,633	\$0					\$463,633
15	MACRS 12 Months Ending August 31, 2021								\$57,614
16	Cost of Removal Test 2 Months Ending August 31, 2021								\$205,400
17	Total	<u>\$168,857,833</u>	<u>\$39,212,281</u>	<u>\$7,171,058</u>	<u>\$16,781,928</u>	<u>\$74,165,596</u>	<u>\$72,926,482</u>	<u>\$45,851,846</u>	<u>\$43,468,954</u>

Line Note

(d) - (l) Per Tax Dept	8(a) Page 18, Line 1(a)
2(a) Page 16, Line 1(a)	8(b) Page 18, Line 5(a)
2(b) Page 16, Line 5(a)	8(c) Page 18, Line 16(a)
2(c) Page 16, Line 16(a)	8(f) Line 7(b) + 7(c)
2(d) Sum of Line 1(b) & Line 1(c)	9(f) Page 18, Line 25(a)
3(d) Page 16, Line 24(a)	9(g) Page 18, Line 25(b)
3(e) Page 16, Line 24(b)	9(h) Page 18, Line 25(c)
3(f) Page 16, Line 24(c)	10(f) Page 18, Line 27(a)
3(g) Page 16, Line 24(d)	11(a) Page 19, Line 1(a)
3(h) Page 16, Line 24(e)	11(b) Page 19, Line 5(a)
4(d) Page 16, Line 26(a)	11(c) Page 19, Line 16(a)
5(a) Page 17, Line 1(a)	11(g) Line 10(b) + 10(c)
5(b) Page 17, Line 5(a)	12(g) Page 19, Line 25(a)
5(c) Page 17, Line 16(a)	12(h) Page 19, Line 25(b)
5(e) Line 4(b) + Line 4(c)	13(g) Page 19, Line 27(a)
6(e) Page 17, Line 24(a)	14(a) Page 20, Line 1(a)
6(f) Page 17, Line 24(b)	14(b) Page 20, Line 5(a)
6(g) Page 17, Line 24(c)	14(c) Page 20, Line 16(a)
6(h) Page 17, Line 24(d)	14(h) Line 13(b) + Line 13(c)
7(e) Page 17, Line 26(a)	16(h) Page 20, Line 27(a)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 36 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 16 of 20

The Narragansett Electric Company d/b/a National Grid
Calculation of Tax Depreciation and Repairs Deduction
On Capital Investment for the 2 Months Ending August 31, 2017

	Reference	2 Months Ending August 31, 2017 (a)	12 Months Ending August 31, 2018 (b)	Rate Year 1 Ending August 31, 2019 (c)	Rate Year 2 Ending August 31, 2020 (d)	Rate Year 2 Ending August 31, 2021 (e)
1	<u>Capital Repairs Deduction</u>					
2	Plant Additions	Page 6, Line 7	\$12,473,833			
3	Plant Eligible tfor Capital Repairs Deduction		<u>\$12,473,833</u>			
4	Capital Repairs Deduction Rate	Per Tax Department	<u>23.38%</u>			
5	Capital Repairs Deduction	Line 3 * Line 4	<u>\$2,916,382</u>			
6						
7	<u>Bonus Depreciation</u>					
8	Plant Additions	Line 1	\$12,473,833			
9	Less Capital Repairs Deduction	Line 5	<u>\$2,916,382</u>			
10	Plant Additions Net of Capital Repairs Deduction	Line 8 - Line 9	<u>\$9,557,451</u>			
11	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>100.00%</u>			
12	Plant Eligible for Bonus Depreciation	Line 10 * Line 11	<u>\$9,557,451</u>			
13	Bonus Depreciation Rate	Per Tax Department	<u>50.00%</u>			
14						
15						
16	Total Bonus Depreciation Rate	Line 12 * Line 13	\$4,778,726			
17						
18	<u>Remaining Tax Depreciation</u>					
19	Plant Additions	Line 1	\$12,473,833			
20	Less Capital Repairs Deduction	Line 5	<u>(\$2,916,382)</u>			
21	Less Bonus Depreciation	Line 14	<u>(\$4,778,726)</u>			
22	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Sum of Line 17 through 19	<u>\$4,778,726</u>	\$4,778,726	\$4,778,726	\$4,778,726
23	20 YR MACRS Tax Depreciation Rates		<u>3.750%</u>	<u>6.677%</u>	<u>6.177%</u>	<u>5.713%</u>
24	Remaining Tax Depreciation	Line 20 * Line 21	<u>\$179,202</u>	<u>\$344,976</u>	<u>\$295,182</u>	<u>\$273,009</u>
25						
26	Cost of Removal	Schedule 6-ELEC Page 1, Line 25(b)	\$1,281,063			
27						
28	Total Tax Depreciation and Repairs Deduction	Line 5 + Line 14 + Line 22 + Line 24	<u>\$9,155,372</u>	<u>\$344,976</u>	<u>\$319,076</u>	<u>\$295,182</u>

The Narragansett Electric Company d/b/a National Grid
Calculation of Tax Depreciation and Repairs Deduction
On Capital Investment for the 12 Months Ending August 31, 2018

	Reference	12 Months Ending August 31, 2018 (a)	Rate Year 1 Ending August 31, 2019 (b)	Rate Year 2 Ending August 31, 2020 (c)	Rate Year 2 Ending August 31, 2021 (d)
1	<u>Capital Repairs Deduction</u>				
2	Plant Additions	Page 6, Line 14	\$74,843,000		
3	Plant Eligible tfor Capital Repairs Deduction		<u>\$74,843,000</u>		
4	Capital Repairs Deduction Rate	Per Tax Department	<u>23.28%</u>		
5	Capital Repairs Deduction	Line 3 * Line 4	<u>\$17,427,037</u>		
6					
7	<u>Bonus Depreciation</u>				
8	Plant Additions	Line 1	\$74,843,000		
9	Less Capital Repairs Deduction	Line 5	<u>\$17,427,037</u>		
10	Plant Additions Net of Capital Repairs Deduction	Line 8 - Line 9	<u>\$57,415,963</u>		
11	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>8.33%</u>		
12	Plant Eligible for Bonus Depreciation	Line 10 * Line 11	<u>\$4,784,664</u>		
13	Bonus Depreciation Rate	Per Tax Department	<u>50.00%</u>		
14		8 months 2018 @ 40%	<u>0.00%</u>		
15		Sum of Lines 13 + 14	<u>50.00%</u>		
16	Total Bonus Depreciation Rate	Line 12 * Line 13	<u>\$2,392,332</u>		
17					
18	<u>Remaining Tax Depreciation</u>				
19	Plant Additions	Line 1	\$74,843,000		
20	Less Capital Repairs Deduction	Line 5	<u>(\$17,427,037)</u>		
21	Less Bonus Depreciation		<u>(\$2,392,332)</u>		
22	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 8 - Line 9	<u>\$55,023,631</u>	\$55,023,631	\$55,023,631
23	20 YR MACRS Tax Depreciation Rates		<u>3.750%</u>	<u>7.219%</u>	<u>6.677%</u>
24	Remaining Tax Depreciation	Line 11 * Line 12	<u>\$2,063,386</u>	<u>\$3,972,156</u>	<u>\$3,673,928</u>
25					
26	Cost of Removal	Schedule 6-ELEC Page 1, Line 44(b)	<u>\$7,686,376</u>		
27					
28	Total Tax Depreciation and Repairs Deduction	Line 5 + Line 14 + Line 22 + Line 24	<u>\$29,569,131</u>	<u>\$3,972,156</u>	<u>\$3,673,928</u>
					<u>\$3,398,810</u>

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 38 of 40
THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 18 of 20

The Narragansett Electric Company d/b/a National Grid
Calculation of Tax Depreciation and Repairs Deduction
On Capital Investment for the 12 Months Ending August 31, 2019

	Reference	Rate Year 1 Ending August 31, 2019 (a)	Rate Year 2 Ending August 31, 2020 (b)	Rate Year 2 Ending August 31, 2021 (c)
1	<u>Capital Repairs Deduction</u>			
2	Plant Additions	Page 6, Line 38	\$77,541,000	
3	Plant Eligible for Capital Repairs Deduction		\$77,541,000	
4	Capital Repairs Deduction Rate	Per Tax Department	23.14%	
5	Capital Repairs Deduction	Line 3 * Line 4	\$17,941,595	
6				
7	<u>Bonus Depreciation</u>			
8	Plant Additions	Line 1	\$77,541,000	
9	Less Capital Repairs Deduction	Line 5	\$17,941,595	
10	Plant Additions Net of Capital Repairs Deduction	Line 8 - Line 9	\$59,599,405	
11	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%	
12	Plant Eligible for Bonus Depreciation	Line 10 * Line 11	\$0	
13	Bonus Depreciation Rate	4 months 2018 @ 40% (40% *4/12)	13.33%	
14		8 months 2019 @ 30% (30% *8/12)	20.00%	
15		Sum of Lines 13 + 14	33.33%	
16	Total Bonus Depreciation Rate	Line 12 * Line 13	\$0	
17				
18				
19	<u>Remaining Tax Depreciation</u>			
20	Plant Additions	Line 1	\$77,541,000	
21	Less Capital Repairs Deduction	Line 5	(\$17,941,595)	
22	Less Bonus Depreciation	Line 14	\$0	
23	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 8 - Line 9	\$59,599,405	\$59,599,405
24	20 YR MACRS Tax Depreciation Rates		3.750%	7.219%
25	Remaining Tax Depreciation	Line 11 * Line 12	\$2,234,978	\$4,302,481
26				
27	Cost of Removal	Schedule 6-ELEC Page 2, Line 18(b)	\$7,963,461	
28				
29	Total Tax Depreciation and Repairs Deduction	Line 5 + Line 13 + Line 15	\$28,140,034	\$3,979,452

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment PUC 3-8

Page 39 of 40

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Compliance Attachment 2
Schedule 11-ELEC
Page 19 of 20

The Narragansett Electric Company d/b/a National Grid
Calculation of Tax Depreciation and Repairs Deduction
On Capital Investment for the 12 Months Ending August 31, 2020

	Reference	Rate Year 2 Ending August 31, 2020 (a)	Rate Year 2 Ending August 31, 2021 (b)
<u>Capital Repairs Deduction</u>			
1 Plant Additions	Page 7, Line 36	\$2,000,000	
2			
3 Plant Eligible for Capital Repairs Deduction		\$2,000,000	
4 Capital Repairs Deduction Rate	Per Tax Department	23.18%	
5 Capital Repairs Deduction	Line 3 * Line 4	\$463,633	
6			
<u>Bonus Depreciation</u>			
8 Plant Additions	Line 1	\$2,000,000	
9 Less Capital Repairs Deduction	Line 5	\$463,633	
10 Plant Additions Net of Capital Repairs Deduction	Line 8 - Line 9	\$1,536,367	
11 Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%	
12 Plant Eligible for Bonus Depreciation	Line 10 * Line 11	\$0	
13 Bonus Depreciation Rate	4 months 2019 @ 30% (30%*4/12)	10.00%	
14	8 months 2020 @ 00% (00%*8/12)	0.00%	
15	Sum of Lines 13 + 14	10.00%	
16 Total Bonus Depreciation Rate	Line 12 * Line 13	\$0	
17			
18			
<u>Remaining Tax Depreciation</u>			
20 Plant Additions	Line 1	\$2,000,000	
21 Less Capital Repairs Deduction	Line 5	(\$463,633)	
22 Less Bonus Depreciation	Line 14	\$0	
23 Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 8 - Line 9	\$1,536,367	\$1,536,367
24 20 YR MACRS Tax Depreciation Rates		3.750%	7.219%
25 Remaining Tax Depreciation	Line 11 * Line 12	\$57,614	\$110,910
26			
27 Cost of Removal	Schedule 6-ELEC Page 2, Line 39(b)	\$205,400	
28			
29 Total Tax Depreciation and Repairs Deduction	Line 5 + Line 13 + Line 15	\$726,647	\$110,910

The Narragansett Electric Company d/b/a National Grid
Calculation of Tax Depreciation and Repairs Deduction
On Capital Investment for the 12 Months Ending August 31, 2021

	Reference	Rate Year 2 Ending August 31, 2021 (a)
<u>Capital Repairs Deduction</u>		
1 Plant Additions	Page 7, Line 44	\$2,000,000
2		
3 Plant Eligible for Capital Repairs Deduction		\$2,000,000
4 Capital Repairs Deduction Rate	Per Tax Department	23.18%
5 Capital Repairs Deduction	Line 3 * Line 4	\$463,633
6		
<u>Bonus Depreciation</u>		
8 Plant Additions	Line 1	\$2,000,000
9 Less Capital Repairs Deduction	Line 5	\$463,633
10 Plant Additions Net of Capital Repairs Deduction	Line 8 - Line 9	\$1,536,367
11 Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	100.00%
12 Plant Eligible for Bonus Depreciation	Line 10 * Line 11	\$1,536,367
13 Bonus Depreciation Rate		0.00%
14		
15		
16 Total Bonus Depreciation Rate	Line 12 * Line 13	\$0
17		
18		
<u>Remaining Tax Depreciation</u>		
20 Plant Additions	Line 1	\$2,000,000
21 Less Capital Repairs Deduction	Line 5	(\$463,633)
22 Less Bonus Depreciation	Line 14	\$0
23 Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 8 - Line 9	\$1,536,367
24 20 YR MACRS Tax Depreciation Rates		3.750%
25 Remaining Tax Depreciation	Line 11 * Line 12	\$57,614
26		
27 Cost of Removal	Schedule 6-ELEC Page 2, Line 60(b)	\$205,400
28		
29 Total Tax Depreciation and Repairs Deduction	Line 5 + Line 13 + Line 15	\$726,647

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Responses to Commission's Third Set of Data Requests
Issued on September 22, 2020

PUC 3-17

Request:

Referring to the revised earnings report, page 3 of 7, column (b), lines 10 and 11, are there other imputed O&M and A&G costs included in those figures, other than those relating to the BITS? If so, why were they removed from the distribution expenses?

Response:

The amount of operating & maintenance (O&M) and administrative and general (A&G) costs billed to New England Power Company (NEP) through the Integrated Facilities Agreement (IFA) is based on the FERC formula rate pursuant to NEP Tariff 1 Schedule III-B. \$11,331 and \$10,522 of A&G and O&M costs respectively were billed to NEP for calendar year 2019 under the IFA, as shown on Lines 9 and 10, by taking Column (b) less Column (e).

Under the IFA formula rate, all O&M costs recorded to FERC Account Nos. 560-564 and 566-573 less any expenses recorded in FERC Accounts 561.4 and 561.8 are considered Transmission operating expenses to be billed entirely to NEP. As these costs are based on actual operating expense recorded in the reporting period, the O&M costs billed to NEP would not be considered imputed.

Electric administrative and general expenses recorded in FERC Account Nos. 920-935, less Post-Employment Benefits Other than Pensions (PBOP) included in FERC Account 926, plus an annual PBOP expense of \$9 million as directed under the NEP-NECO Service Agreement, are multiplied by the transmission wages and salaries allocation factor to determine the transmission-related A&G expenses to be billed to NEP. The A&G expense billed and recovered from NEP through the IFA would be considered imputed.

The distribution cost of service in Docket No. 4770 assumed that all O&M recorded to Transmission O&M FERC accounts and a percentage of electric A&G expense incurred to support the transmission business would be billed to NEP in the rate years in compliance with Tariff 1, and therefore, the current distribution cost of service was adjusted to account for those billings using the appropriate IFA salary allocator in effect during the test year. While these allocators can vary from year to year, as they are re-calculated annually, they should not vary significantly absent a major change in either the transmission or distribution business. Hence, the A&G expense included in the distribution cost of service and the A&G expense included in regulated distribution earnings are being calculated on a like-for-like basis. This is not the case with A&G expenses imputed under the BITS surcharge. As the Company explained in its responses to PUC 3-7 and PUC 3-8, only de minimis amounts of operating expenses had been

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Responses to Commission's Third Set of Data Requests
Issued on September 22, 2020

PUC 3-17, page 2

incurred on BITS assets during the test year in the last rate case; therefore, no reduction to operating expense was made to the cost of service. To include a reduction in A&G and O&M expense for imputed BITS-related expense in the calculation of earnings sharing, when little to no expense was incurred during the calendar year, is not consistent with how the current distribution cost of service was calculated.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Responses to Commission's Third Set of Data Requests
Issued on September 22, 2020

PUC 3-19

Request:

Referring to the chart on page 4 of PUC 1-2, please create a similar chart for each year, beginning with the first year that the Company began billing NEP for the BITS project.

Response:

The Company began billing NEP for the BITS project in April 2017. Please refer to Attachment PUC 3-19 for charts summarizing the IFA and BITS billings for calendar years 2017 and 2018, respectively, on Page 1 and Page 2.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment 3-19
Page 1 of 2

Calendar Year 2017		Net IFA	BITS	Total IFA & BITS Rev Req billed to NEP
	<u>Transmission Revenue Requirement:</u>	(a)	(b)	(c)=(a)+(b)
1	Return and Associated Income Taxes	\$72,638,890	\$7,868,649	\$80,507,539
2	Transmission Depreciation & Amortization Expense	\$19,195,649	\$3,778,862	\$22,974,511
3	Transmission Amortization of Loss on Reacquired Debt	\$66,690	\$10,027	\$76,717
4	Transmission Amortization of Investment Tax Credits	(\$27,316)	(\$6,060)	(\$33,376)
5	Transmission Municipal Tax Expense	\$19,298,642	\$2,430,091	\$21,728,733
6	Payroll Taxes	\$727,480	\$0	\$727,480
7	Transmission Administrative and General Expense	\$17,955,634	\$3,584,557	\$21,540,191
8	Transmission Operation and Maintenance Expense	\$7,046,149	\$5,885,798	\$12,931,947
9	Manual Journal entries - timing of accruals	(\$294,995)	(\$50,750)	(\$345,745)
10	Total Transmission Revenue Requirement	\$136,606,824	\$23,501,173	\$160,107,998

Column (a) - agrees to revised CY 2017 Earnings Report included in the Company's response to PUC 2-6 per Attachment PUC 2-6-1 at Page 2, Column C

Column (b) - agrees to revised CY 2017 Earnings Report included in the Company's response to PUC 2-6 per Attachment PUC 2-6-1 at Page 2, Column C1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Twelve Months Ended December 31, 2019
Attachment 3-19
Page 2 of 2

Calendar Year 2018	Net IFA	BITS	Total IFA & BITS Rev Req billed to NEP
	(a)	(b)	(c)=(a)+(b)
<u>Transmission Revenue Requirement:</u>			
1 Return and Associated Income Taxes	\$ 61,693,643	\$ 5,942,259	\$ 67,635,902
2 Transmission Depreciation & Amortization Expense	\$ 21,068,133	\$ 3,466,839	\$ 24,534,972
3 Transmission Amortization of Loss on Reacquired Debt	\$ 66,243	\$ 8,492	\$ 74,736
4 Transmission Amortization of Investment Tax Credits	\$ (6,236)	\$ (4,186)	\$ (10,422)
5 Transmission Municipal Tax Expense	\$ 18,144,414	\$ 1,424,963	\$ 19,569,377
6 Payroll Taxes	\$ 321,477	\$ -	\$ 321,477
7 Transmission Administrative and General Expense	\$ 1,915,222	\$ -	\$ 1,915,222
8 Transmission Operation and Maintenance Expense	\$ 22,045,160	\$ 8,924,928 ^a	\$ 30,970,087
9 Manual Journal entries - timing of accruals	\$ 2,231,939	\$ 352,185	\$ 2,584,124
10 Total Transmission Revenue Requirement	\$ 127,479,996	\$ 20,115,480	\$ 147,595,476

Column (c) - agrees to revised CY 2018 Earnings Report as filed June 24, 2020 at Page 3, Column (b)

Line 8, Note a: \$8,924,928 represents the sum of total Administrative and General expense of \$5,638,975 and Operation & Maintenance expense of \$3,285,953, presented here in total on the O&M line to match the presentation of these costs in the CY 2018 revised earnings report.