

July 7, 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
Response to PUC Data Request 1-1

Dear Ms. Massaro:

On behalf of National Grid¹ enclosed please find a copy of the Company's response to PUC Data Request 1-1 in the above-referenced docket.²

The Company's responses to PUC Data Requests 1-2 through 1-10 are pending.

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 practice during the COVID-19 emergency period, the Company is providing a PDF version of the responses to the Division's Informal Data Requests in this matter. The Company will provide the Commission Clerk with a hard copy and, if needed, additional hard copies of the filing at a later date.

Certificate of Service

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

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

Joanne M. Scanlon

July 7, 2020

Date

National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST) Combined Service list updated 4/23/2020

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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 PUC's First Set of Informal Data Requests
Issued on July 2, 2020

PUC 1-1

Request:

NO LATER THAN TUESDAY, JULY 7, 2020, please provide a copy of all data requests and responses, whether formal or informal, issued by the Division of Public Utilities and Carriers in reference to the 2019 Earnings Reports filed by National Grid. This response should include all responses that, if issued formally within this docket, would have been due on or before July 7, 2020 under the Commission's 21-day discovery response rule.

Response:

Please see Attachment PUC 1-1 for a copy of the Company's responses to the Division's Informal Data Requests issued in reference to the Company's 2019 Earnings Reports.

Attachment PUC 1-1
Page 1 of 41
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 Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-1

Request:

Please provide an explanation for why the Company's electric distribution base earnings were 34.5 basis points in excess of the allowed return on equity in 2019. In providing this explanation, please also provide a schedule(s), as appropriate, to show the material differences between (i) the line item costs/revenue requirements that were assumed in the cost of service for Year 2 of the rate plan and (ii) the corresponding costs actually incurred in 2019 that made a material difference in causing the Company to exceed its allowed return.

Response:

During the process of responding to the Division's First Set of Informal Data Requests, the Company discovered an error made in Docket 4770 Electric Earnings Sharing Mechanism Earnings Report ("Earnings Report") for Twelve Months Ended December 31, 2019 and 2018. When adjusting the total Electric business results for Block Island Transmission System (BITS) amounts billed to New England Power Co., the Company incorrectly removed \$9.1 million and \$8.9 million from the electric General & Administrative and All Other Operation and Maintenance expense line items in CY 2019 and CY 2018, respectively. While a proxy of distribution G&A and O&M expenses is used in the calculation of the monthly BITS surcharge billed to New England Power Co, in accordance with the FERC formula rate under NEP Electric Tariff No. 1, only a small amount of operating expense has actually been incurred to maintain BITS-related assets (\$114,500 in CY 2019 and \$189,000 in CY 2018). Therefore, reducing total electric operating expense by the \$9.1 million in CY 2019 and \$8.9 million in CY 2018 artificially under-states the expense incurred to operate the electric distribution business in each calendar year. BITS-related rate base, depreciation expense and property tax expense have also been excluded from total Electric results. This treatment is consistent with the calculation of the electric distribution revenue requirements in Docket 4770. The Company, therefore, submitted revised Electric Earnings Report for both CY 2019 and CY 2018 to the Public Utilities Commission on June 24, 2020, attached to this response as Attachment DIV Informal 1-1-1 and Attachment DIV Informal 1-1-2. The revised electric distribution base earnings are 131.5 basis points lower than the allowed return on equity in CY 2019.

Attachment DIV Informal 1-1-3, Page 1 Column (g) shows the material difference between the line item costs/revenue requirements that were assumed in the cost of service for Year 2 of the rate plan and the corresponding costs actually incurred in CY 2019. Page 1 Column (e) shows the material difference between the line item costs/revenue requirements that were assumed in the cost of service prorated for CY 2019 of the rate plan and the corresponding costs actually

Attachment PUC 1-1
Page 2 of 41
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 Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-1, page 2

incurred in CY 2019. Page 2 shows the calculation of combined line item costs/revenue requirements pursuant to Docket 4770 and Docket 4780.

As shown on Page 1 in Attachment DIV 1-1-3, the four major differences are:

•	Revenue	\$0.47 million lower	-12 basis points
•	Operation and Maintenance Expense	\$6.48 million higher	172 basis points
•	Depreciation	\$0.64 million lower	-17 basis points
•	Other Tax	\$0.50 million lower	-13 basis points

Attachment DIV Informal 1-1-4 shows the calculation of updated electric distribution rate base for CY 2019 by removing rate base items related to the Renewable Energy Growth program and Electric Infrastructure, Safety, and Reliability recovery mechanism that are incremental to the level of rate base assumed in Docket 4770.

Attachment PUC 1-1

Page 3 of 41 The Narragansett Electric Company d/b/a National Grid

RIPUC Docket No. 4770

In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-1

Responses to the Division's First Set of Informal Data Requests Page 1 of 7

The Narragansett Electric Company Return on Rate Base (Revised) Return on Common Equity (Revised) Twelve Months Ended December 31, 2019

Line No.							
				Actual			
1			Base Earnings	Earnings	Allowed	Ceiling	
2 3 4	Return on Distri	ibution Rate Base	6.30%	<u>2/</u> 6.89%	3 <u>/</u> 6.97%	<u>3/</u> 6.97%	
5	Return on Distri	ibution Common Equity	7.96%	9.12%	9.275%	9.275%	
7 1/	Excludes incentives	and penalties detailed at P	age 2, Lines 3 through	8			
8 2/	Includes incentives	_					
9 3/ 10	Allowed Return and	Ceiling, presented below.		Don A	mandad Sattlaman	t A anaamant in Daal	Irot 4770
11					lowed	t Agreement in Docl Ceilii	
12				Cost	Weighted	Cost	Weighted
13			<u>Total</u>	Rate	Cost	Rate	Cost
14		CI (T. D.I.	0.600/	1.760/	0.010/	1.760/	0.010/
15 16		Short Term Debt Long Term Debt	0.60% 48.35%	1.76% 4.62%	0.01% 2.23%	1.76% 4.62%	0.01% 2.23%
17		Preferred Stock	0.10%	4.50%	0.00%	4.50%	0.00%
18		Common Equity	50.95%	9.275%	4.73%	9.275%	4.73%
19			100.00%		6.97%		6.97%
20							
21 22				EARNED			
23				Cost	Weighted		Pre-Tax
24		<u>Amount</u>	<u>Total</u>	Rate	Cost	<u>Taxes</u>	Weighted Cost
25	at	0.5.40.5.00	0.5007	4.750/	0.040/		0.0407
26 27	Short Term Debt Long Term Debt	\$5,105,360 \$411,406,888	0.60% 48.35%	1.76% 4.62%	0.01% 2.23%		0.01% 2.23%
28	Preferred Stock	\$850,893	0.10%	4.50%	0.00%	0.00%	0.00%
29	Common Equity	\$433,530,112	50.95%	7.96%	4.05%	0.68% 5/	4.73%
30 31	5-Quarter Average Distribution Rate Ba as of Dec 31, 2019	\$850,893,253 4/	100.00%		6.30%	0.68%	6.98%
32 4/ 33 5/ 34	Page 4 of 7 (R), Line includes adj. for Flo	e 37, Column (f) owthrough Items below					
35		DDEEEDDED GTOCK F	ADMINISC INTERES	T EXPENSE			
36 37		PREFERRED STOCK E	<u>ARNINGS, INTERES</u> ERAL INCOME TAX				
38		CALCULATED USING					
39							
40 41	PREF. STOCK:	\$850,893,253 X	0.00% (a) =	<u>\$000s</u> \$38		
42	INTEREST:	\$850,893,253 X	2.24% (b	*	\$19,060		
43	n (TEILEGT)	4000,090,200 11	· ·		\$15,000		
44	FIT:	\$850,893,253 X	1.08% (c		\$9,181		
45 46		Plus: Flowthrough Iten Total Federal Incom)	(\$3,366) \$5,815		
47		Total Federal Incom	e Taxes (TTT)		\$5,615		
48	(a)	From Line 28, Column	"Weighted Cost"				
49	(b)	Sum of Lines 26 and 2	-	Cost".			
50	(c)	(0.00% + 4.05%) / 79%					
51	(d)	Flowthrough Items (tax	· · · · · · · · · · · · · · · · · · ·				
52			it ("ITC") Amortizatio	n	\$1		
53		ITC Basis Reduction			(\$9)		
54 55		AFUDC Equity Depr			\$63 \$650		
55 56		Unfunded Amortizati Amortization of Fede			\$650 (\$4,070)		
57		Amortization of Fede	rai raic Change		(ψτ,0/0)		
58					(\$3,366)		

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-1 Responses to the Division's First Set of Informal Data Requests Page 2 of 7

THE NARRAGANSETT ELECTRIC COMPANY

Return on Equity Calculation (Revised)
Return on Rate Base Calculation (Revised)
Twelve Months Ended December 31, 2019
(\$000s)

		Re	turn on Equity		Return on Rate Base				
Line No.	_	Base Earnings	Basis Points	Actual Earnings	Base Earnings	Basis Points	Actual Earnings		
110.		(a)	(b)	(c)	(d)	(e)	(f)		
1	Distribution Operating Income Before Taxes	\$65,809	(0)	\$65,809	\$65,809	(6)	\$65,809	1/	
2	Adjustments:	ψου,σου		ψου,σου	Ψ02,009		ψου,σου	1/	
3	Service Quality ("SQ") Penalties Accrued	\$0	0.00%		\$0	0.00%		2/, 3/	
4	Energy Efficiency Program Incentive	(\$3,708)	-0.86%		(\$3,708)	-0.44%		3/	
5	System Reliability Procurement Incentives	\$0	0.00%		\$0	0.00%		3/	
6	LTCRER Incentive	(\$2,309)	-0.53%		(\$2,309)	-0.27%		3/	
7	RE Growth Remuneration	(\$380)	-0.09%		(\$380)	-0.04%		3/	
8	Performance Incentive Mechanism Incentives	\$0	0.00%		\$0	0.00%		3/	
9	-							-	
10	Adjusted Distribution Operating Income Before Taxes	\$59,413		\$65,809	\$59,413		\$65,809	4/	
11	Interest Charges	\$19,060		\$19,060	\$19,060		\$19,060	5/	
12	Income Taxes @ 21% net of flowthrough	\$5,815	-0.31%	\$7,158	\$5,815	-0.16%	\$7,158	6/	
13	_							_	
14	Net Income	\$34,538		\$39,591	\$53,598		\$58,651	7/	
15	_							_	
16	Less: Preferred Stock Requirements	\$38		\$38	\$38		\$38	5/	
17	Earnings Available for Common	\$34,499		\$39,553	\$53,598		\$58,651	8/	
18	-							=	
19	Average Common Equity - 5-Quarter Average	\$433,530		\$433,530	\$850,893		\$850,893	5/	
20									
21	Rate of Return on Adjusted Average Common Equity_	7.96%		9.12%	6.30%		6.89%	9/	

Notes

- 1/ Page 3 of 7 (R), Line 27, Column (f)
- 2/ Effective Dec. 2005, SQ penalties booked below the line.
- 3/ Column (b) = column (a) \div Line 19 (a). Column (e) = column (d) \div Line 19 (d)
- 4/ Sum of Lines 1 thru 8
- $^{5/}$ Calculated using imputed capital structure and cost rates; see Page 1 of 7 (R), Lines 42, 41, 29, and 30
- 6/ Page 1 of 7 (R), Line 46
- 7/ Column (a) & (c): Line 10 Line 11 Line 12. Column (d) & (f): Line 10 Line 12
- 8/ Line 14 Line 16
- 9/ Line 17 ÷ Line 19

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-1 Responses to the Division's First Set of Informal Data Requests Page 3 of 7

THE NARRAGANSETT ELECTRIC COMPANY

Income Statement (Revised) Twelve Months Ended December 31, 2019

Line No.		Total Electric Business	Less: Integrated Facilities Agreement (IFA) and Block Island Transmission System Amounts Billed to New England Power Co.	Other Adjustments	Electric Distribution Amount Per Schedules	Add: Block Island Transmission System (BITS) O&M Amounts	Electric Distribution Amount Revised Amount	
140.	•	(a)	(b)	(c)	(d) = a-b+c	(e)	(f) = (d) + (e)	
1	Revenue - Sales of Electricity	\$381,303	(6)	(6)	\$381,303	(0)	\$381,303	
2	Other Revenue	\$759,216		(\$772)	\$758,444		\$758,444	1/
3	Total Revenue	\$1,140,519			\$1,139,747		\$1,139,747	
4	Operating Expenses:							
5	Purchased Power	\$422,137			\$422,137		\$422,137	
6	Transmission Wheeling	\$207,822			\$207,822		\$207,822	
7	Transmission Wheeling - IFA Credit	(\$141,221)	(\$141,221)		\$0		\$0	
8	Uncollectible Expense	\$14,958		(\$851)	\$14,107		\$14,107	2/
9	Genl & Admin. O&M	\$126,300	\$17,404		\$108,896	\$6,073	\$114,968	3/
10	All Other Operation & Maintenance ("O&M") expense	\$192,543	\$13,598	\$601	\$179,546	\$3,076	\$182,622	4/
11	Company Share of Earned Savings	\$0			\$0		\$0	
12	Depreciation	\$75,522	\$22,676		\$52,846		\$52,846	
13	Amortization of Loss on Reacquired Debt	\$681	\$68	(\$552)	\$61		\$61	5/
14	Amortization - Other	\$786			\$786		\$786	
15	Gross Earnings Tax	\$43,385			\$43,385		\$43,385	
16	Municipal Tax	\$48,504	\$17,805		\$30,699		\$30,699	
17	Other Non-Income taxes	\$4,886	\$587		\$4,299		\$4,299	
18	Current and Deferred Income Taxes	\$16,658		(\$16,658)	\$0		\$0	
19	Regulatory Debits	\$0			\$0		\$0	
20	Accretion Expense	\$0		\$0	\$0		\$0	
21	Amortization of ITC	(\$2)	(\$4)		\$2		\$2	
22	Interest on Customer Deposits	\$203			\$203		\$203	
23	Donations	\$0		\$0	\$0		\$0	_
24 25	Total Operating Expenses	\$1,013,163	(\$69,086)	(\$17,460)	\$1,064,789	\$9,149	\$1,073,938	
26	Net Operating Income	\$127,356						
27	Distribution Operating Income Before Taxes				\$74,958		\$65,809	•

Notes

In both December 2018 and 2019, the Renewable Energy Growth (REG) Performance Based Incentive (PBI) credits to solar customers were not

1/ recorded until the following month. The revenues in both period were overstated. The timing differences need to be adjusted. Adjustments to revenue:

Less: Dec 2019 REG PBI Payment recorded in Jan 2020 (\$1,764,051) Add: Dec 2018 REG PBI Payment recorded in Jan 2019 \$992,184 Total Adjustment to Revenue (\$771,867)

2/

To adjust the bad debt to actual write off for ratemaking.

The operation and maintenance expense of Block Island Transmission System (BITS) is the reserve for future repairs. It should not be removed from the company's

3/(e),4/(e) operation and maintenance expenses.

Adjustment to all Other Operation & Maintenance expense 4/(c)

Variable Pay (\$232,182) Sales expense (\$241,441) \$1,074,519 Amortization of Service Company EDIT not charged to NECO Electric Total Adjustment \$600.896

To agree with amortization portion related to electric distribution business.

The Narragansett Electric Company
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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Electric Distribution Five Quarter Average

Line No.	Description	 (a) December 2018		(b) March 2019		(c) June 2019	 (d) September 2019	_	(e) December 2019	5-Q	(f)
1	Utility Plant in Service	\$ 1,647,962,718	\$	1,692,885,996	\$	1,714,356,857	\$ 1,746,612,053	\$	1,754,536,149	\$	1,711,270,755
2	IFA allocated Plant	-		-		-	-		-		-
3	Block Island Transmission System (BITS) Assets	 					 -				-
4	Total Distribution Plant	\$ 1,647,962,718	\$	1,692,885,996	\$	1,714,356,857	\$ 1,746,612,053	\$	1,754,536,149	\$	1,711,270,755
5											
6	B										
7	Property Held for Future Use	2,496,158		2,496,289		2,496,289	2,496,042		2,496,042	\$	2,496,164
8	Less: Contribution in Aid of Construction	557,062		554,316		629,316	629,316		629,316		599,865
9	Less: Accumulated Depreciation	688,791,676		699,055,938		703,551,605	711,650,943		721,426,094		704,895,251
10	Less: IFA allocated Depreciation	-		-		-	-		-		-
11	Less: Block Island Transmission System (BITS) Depreciation	 -		-		-	 -		-		-
12 13	Total Accumulated Depreciation	 688,791,676	_	699,055,938	_	703,551,605	 711,650,943		721,426,094		704,895,251
14	Net Plant in Service	\$ 961,110,139	\$	995,772,031	\$	1,012,672,225	\$ 1,036,827,835	\$	1,034,976,781	\$	1,008,271,802
15											
16	Plus:										
17	Materials and Supplies	\$ 4,370,667	\$	4,294,394	\$	4,162,981	\$ 3,289,386	\$	3,358,250	\$	3,895,136
18	Prepayments	74,706		5,172,450		1,990,321.88	1,785,697		74,791		1,819,593
19	Loss on Reacquired Debt	1,639,400		1,649,258		1,621,399	1,590,792		1,578,604		1,615,891
20	Cash Working Capital	17,922,078		17,922,078		17,922,078	17,922,078		17,922,078		17,922,078
21	Cash Working Capital - Commodity & Gross Receipts Tax	32,926,823		40,289,969		40,289,969	40,289,969		40,289,969		38,817,340
22	Unamortized Interest Rate Lock	2,043,065		2,018,562		1,994,059	1,969,556		1,945,053		1,994,059
23	Unamortized Debt Issuance Costs (\$550M)	918,255		893,787		869,319	844,851		820,383		869,319
24	Unamortized Debt Issuance Costs (\$250M 2012)	872,315		863,196		854,078	844,960		835,842		854,078
25	Unamortized Debt Issuance Costs (\$350M 2018)	587,697		572,366		557,034	541,703		526,372		557,034
26											
27	Subtotal	\$ 61,355,006	\$	73,676,059	\$	70,261,239	\$ 69,078,992	\$	67,351,342	\$	68,344,528
28											
29	Less:										
30	Accumulated Deferred Federal Income Taxes ("FIT")	\$ 213,644,353	\$	217,741,483	\$	218,567,094	\$ 216,107,774	\$	210,167,705	\$	215,245,682
31	Block Island Transmission System (BITS) ADII	-		-		-	-		-		-
32	Accumulated Deferred FIT on Loss for Reacquired Debt	344,274		346,344		340,494	334,066		331,507		339,337
33	Customer Deposits	9,706,952		9,856,245		10,573,489	10,299,922		10,253,679		10,138,057
34	·										
35	Subtotal	\$ 223,695,579	\$	227,944,073	\$	229,481,077	\$ 226,741,762	\$	220,752,891	\$	225,723,076
36											
37	Rate Base	\$ 798,769,565	\$	841,504,018	\$	853,452,387	\$ 879,165,065	\$	881,575,232	\$	850,893,253

Line Notes
37 Line 14 + Line 27 - Line 35

The Narragansett Electric Company
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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Integrated Facilities Agreement (IFA) and Block Island Transmission System (BITS) Five Quarter Average

Line No.	Description	(a) December 2018		(b) March 2019		(c) June 2019		(d) September 2019		(e) December 2019		(f) 5-Quarter Average	
1	Utility Plant in Service	\$	892,862,522	\$	896,692,970	\$	919,408,439	\$	924,547,866	\$	929,607,048	\$	912,623,769
2	IFA allocated Plant		5,038,313		6,515,697		6,537,370		6,582,534		6,693,216		6,273,426
3	Block Island Transmission System (BITS) Assets		114,082,570		114,762,669		114,854,958		115,174,705		115,340,155		114,843,011
4	Total Transmission Plant	\$	1,011,983,405	\$	1,017,971,337	\$	1,040,800,766	\$	1,046,305,105	\$	1,051,640,420	\$	1,033,740,207
5 6													
7	Property Held for Future Use		12,531,903		\$12,532,019		\$12,532,019		\$12,532,019		12,532,019		12,531,996
8	Less: Contribution in Aid of Construction												
9	Less: Accumulated Depreciation		123,042,222		124,547,901		128,957,074		133,245,092		136,364,673		129,231,392
10	Less: IFA allocated Depreciation		1,085,039		1,449,193		1,471,514		1,506,874		1,528,837		1,408,291
11	Less: Block Island Transmission System (BITS) Depreciation		4,815,416		5,456,262		6,103,540		6,753,179		7,404,134		6,106,506
12 13	Total Accumulated Depreciation		128,942,677	_	131,453,356	_	136,532,127	_	141,505,145	=	145,297,644	=	136,746,190
14 15	Net Plant in Service	\$	895,572,630	\$	899,050,000	\$	916,800,658	\$	917,331,980	\$	918,874,795	\$	909,526,013
16	Plus:												
17	Materials and Supplies	S	3,106,046	\$	2,949,928	S	2,994,625	\$	2,933,793	\$	2,888,603	\$	2,974,599
18	Prepayments	J.	41,883	Ф	\$1,084,834	Ф	\$1,685,395	Φ	\$1,116,190	Φ	37,672	Þ	793,195
19	Loss on Reacquired Debt		919,099		\$863,052		\$844,722		\$829,141		795,140		850,231
20	Cash Working Capital		2,921,874		\$2,614,437		\$2,614,437		\$2,614,437		3,735,588		2,900,155
20	Cash Working Capital - Commodity & Gross Receipts Tax		2,921,874		\$2,014,437		\$2,014,437		\$2,014,437		3,/33,386		2,900,133
21	Unamortized Interest Rate Lock		1,264,429		1,249,264		1,234,100		1,218,936		1,203,771		1,234,100
23	Unamortized Debt Issuance Costs (\$550M)		568,290		553,147		538,005		522,862		507,719		538,005
23	Unamortized Debt Issuance Costs (\$250M 2012)		539,860		534,216		528,573		522,930		517,287		528,573
25	Unamortized Debt Issuance Costs (\$250M 2012) Unamortized Debt Issuance Costs (\$350M 2018)		492,345		479,501		466,657		453,813		440,970		466,657
26	Chamortized Debt Issuance Costs (\$350M 2018)		492,343		479,501		400,037		433,613		440,970		400,037
27	Subtotal		9,853,825	S	10,328,380	S	10,906,514	S	10,212,102	\$	10,126,749	S	10,285,514
28	Subtotal		7,633,623	Ψ	10,320,300	φ	10,700,514	φ	10,212,102	φ	10,120,747	φ	10,265,514
29	Less:												
30	Accumulated Deferred Federal Income Taxes ("FIT")	s	140,243,847	\$	140,017,869	s	140,691,316	S	139,915,390	\$	140,291,084	s	140,231,901
31	Block Island Transmission System (BITS) ADIT	Ψ	21,366,231	Ψ	21,574,352	Ψ	21,681,145	Ψ	21,787,939	Ψ	21,894,733	Ψ	21,660,880
32	Accumulated Deferred FIT on Loss on Reaquired Debt		193,011		181,241		177,392		174,120		166,979		178,548
33	Customer Deposits		175,011		101,241		177,572		174,120		100,777		170,540
34	Customer Deposits		_		-		_		_		-		_
35	Subtotal	\$	161,803,089	\$	161,773,461	\$	162,549,854	\$	161,877,449	\$	162,352,797	\$	162,071,330
36 37	Rate Base	\$	743,623,367	\$	747,604,919	\$	765,157,319	\$	765,666,633	\$	766,648,748	\$	757,740,197

Line Notes
37 Line 14 + Line 27 - Line 35

The Narragansett Electric Company
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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Electric Total Distribution, IFA and BITS Five Quarter Average

Line No.	Description	Dec	(a) ember 018		(b) March 2019		(c) June 2019		(d) September 2019		(e) December 2019	5-O	(f) uarter Average
		-											
1	Utility Plant in Service		0,825,240	\$	2,589,578,966	\$	2,633,765,296	\$	2,671,159,919	\$	2,684,143,197	\$	2,623,894,524
2	IFA allocated Plant		5,038,313		6,515,697		6,537,370		6,582,534		6,693,216		6,273,426
3 4	Block Island Transmission System (BITS) Assets Total Utility Plant in Service		4,082,570 9,946,123	•	114,762,669 2,710,857,333	S	114,854,958 2,755,157,623	•	115,174,705 2,792,917,158	•	115,340,155 2,806,176,569	•	114,843,011 2,745,010,961
5	Total Offiny Fiant in Service	\$ 2,03	9,940,123	<u> </u>	2,/10,637,333	3	2,733,137,023	3	2,792,917,138		2,800,170,309	<u> </u>	2,743,010,961
6													
7	Property Held for Future Use	\$ 1	5,028,061	\$	15,028,308	\$	15,028,308	\$	15,028,061	\$	15,028,061	\$	15,028,160
8	Less: Contribution in Aid of Construction		557,062		554,316		629,316		629,316		629,316		599,865
9	Less: Accumulated Depreciation	81	1,833,898		823,603,839		832,508,679		844,896,035		857,790,767		834,126,644
10	Less: IFA allocated Depreciation		1,085,039		1,449,193		1,471,514		1,506,874		1,528,837		1,408,291
11	Less: Block Island Transmission System (BITS) Depreciation		4,815,416		5,456,262		6,103,540		6,753,179		7,404,134		6,106,506
12	Total Accumulated Depreciation	81	7,734,353		830,509,294		840,083,732		853,156,088		866,723,738		841,641,441
13													
14	Net Plant in Service	\$ 1,85	6,682,769	\$	1,894,822,031	\$	1,929,472,883	\$	1,954,159,815	\$	1,953,851,576	\$	1,917,797,815
15													
16	Plus:												
17	Materials and Supplies		7,476,714		\$7,244,321		\$7,157,606		\$6,223,179		\$6,246,853	\$	6,869,735
18	Prepayments		116,589		6,257,284		3,675,717		2,901,886		112,463		2,612,788
19	Loss on Reacquired Debt		2,558,499		2,512,310		2,466,121		2,419,933		2,373,744		2,466,121
20	Cash Working Capital		0,843,952		20,536,515		20,536,515		20,536,515		21,657,666		20,822,233
21	Cash Working Capital - Commodity & Gross Receipts Tax		2,926,823		40,289,969		40,289,969		40,289,969		40,289,969		38,817,340
22	Unamortized Interest Rate Lock		3,307,493		3,267,826		3,228,159		3,188,491		3,148,824		3,228,159
23	Unamortized Debt Issuance Costs (\$550M)		1,486,545		1,446,934		1,407,324		1,367,713		1,328,103		1,407,324
24	Unamortized Debt Issuance Costs (\$250M 2012)		1,412,174		1,397,413		1,382,651		1,367,890		1,353,129		1,382,651
25	Unamortized Debt Issuance Costs (\$350M 2018)		1,080,042		1,051,867		1,023,692		995,517		967,342		1,023,692
26	0.11	6 7	1 200 021	•	04.004.430	-	01.167.754	-	70 201 004	•	77 470 002		70.620.042
27 28	Subtotal	\$ /	1,208,831	\$	84,004,439	\$	81,167,754	\$	79,291,094	\$	77,478,092	\$	78,630,042
	T												
29 30	Less: Accumulated Deferred Federal Income Taxes (FIT)	e 25	3,888,200	•	357,759,352	•	359,258,411	s	356,023,164	\$	350,458,789	\$	355,477,583
				\$	21.574.352	\$		2		3		3	
31 32	Block Island Transmission System (BITS) ADIT Accumulated Deferred FIT on Loss on Reaquired Debt	2	1,366,231 537,285		527,585		21,681,145 517,885		21,787,939 508,186		21,894,733 498,486		21,660,880 517,885
											,		
33 34	Customer Deposits		9,706,952		9,856,245		10,573,489		10,299,922		10,253,679		10,138,057
34 35	Subtotal	e 20	5,498,668	\$	389,717,534	\$	392,030,930	\$	388,619,211	\$	383,105,688	-\$	387,794,406
35 36	Subtotal	\$ 38	3,490,008	3	369,/1/,334	3	392,030,930	3	366,019,211	3	363,103,088	<u> </u>	367,794,400
37	Rate Base	\$ 1,54	2,392,931	\$	1,589,108,936	\$	1,618,609,706	\$	1,644,831,697	\$	1,648,223,980	\$	1,608,633,450

Line Notes
37 Line 14 + Line 27 - Line 35

The Narragansett Electric Company
d/b/a National Grid
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THE NARRAGANSETT ELECTRIC COMPANY

Calculation of Excess Earnings for Twelve months ended December 31, 2019 (Revised) (\$000)

Line				
1 2	Base Distribution Earnings Available for Common	\$34,499 (a	n)	
3				
4	Actual Average Common Equity	\$433,530 (a	n)	
5				
6				Customer
7	Average Annual Return		7.9600% (b)	Share
8				
9	ROE in 50%/50% Bandwith (>9.275%, <10.275%)		0.0000% * 50.00%	= 0.0000%
10	ROE in 75%/25% Bandwith (>10.275%)		0.0000% * 75.00%	= 0.0000%
11				
12	Total Customer ROE Sharing			0.0000%
13	Actual Average Common Equity			\$433,530
14				
15	Actual Annual Customer Shared Earnings			\$0
16	Tax Gross-up			/ 79.00%
17				
18	Annual Customer Shared Earnings - Pre-tax			-
19				
20	Total Customer Shared Earnings for the twelve mor	ths ending Decembe	er 31, 2019	\$ -

Notes

- (a) From Page 2 of 7 (R) Line 17 and Line 19
- (b) Line 1 divided by Line 4; equals Page 2 of 7 (R) Line 21

Attachment PUC 1-1

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RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports

Attachment DIV 1-1-2

Responses to the Division's First Set of Informal Data Requests
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The Narragansett Electric Company
Return on Rate Base (Revised)
Return on Common Equity (Revised)
Twelve Months Ended December 31, 2018

<u>Line</u> <u>No.</u>				elve Months End December 31, 20			
1			Base Earnings	Actual Earnings	Allowed	<u>Ceiling</u>	
2 3	Return on Distri	bution Rate Base	1 <u>/</u> 4.67%	<u>2/</u> 5.37%	3/ 6.97%	3 <u>/</u> 6.97%	
4 5	Return on Distri	bution Common Equity	4.76%	6.14%	9.28%	9.28%	
6 7 1/ 8 2/ 9 3/	Includes incentives d	and penalties detailed at Page 2, Lines 3 through letailed at Page 2 Ceiling, presented below.	h 8				
10 11					nended Settlement owed	Agreement in Dock Ceilin	
12 13 14			<u>Total</u>	Cost <u>Rate</u>	Weighted <u>Cost</u>	Cost <u>Rate</u>	Weighted <u>Cost</u>
15 16 17		Short Term Debt Long Term Debt Preferred Stock	0.60% 48.35% 0.10%	1.76% 4.62% 4.50%	0.01% 2.23% 0.00%	1.76% 4.62% 4.50%	0.01% 2.23% 0.00%
18 19 20		Common Equity	50.95% 100.00%	9.275%	4.73% 6.97%	9.28%	4.73% 6.97%
21 22			EAR	NED			
23 24 25		<u>Amount</u>	<u>Total</u>	Cost <u>Rate</u>	Weighted Cost	<u>Taxes</u>	Pre-Tax Weighted Cost
26 27	Short Term Debt Long Term Debt	\$4,487,011 \$361,578,286	0.60% 48.35%	1.76% 4.62%	0.01% 2.23%		0.01% 2.23%
28 29	Preferred Stock Common Equity	\$747,835 \$381,022,000	0.10% 50.95%	4.50% 4.76%	0.00% 2.43%	0.00% 0.52% 5/	0.00% 2.95%
	5-Quarter Average Distribution Rate Ba	Se.					
30	as of Dec 31, 2018	\$747,835,132 4/	100.00%		4.67%	0.52%	5.19%
31 32 4/ 33 5/ 34	Page 4 of 7 (R), Line includes adj. for Flo	e 37, Column (f) wthrough Items below					
35 36 37		PREFERRED STOCK EARNING AND FEDERAL IN	COME TAX	_			
38 39		CALCULATED USING IMPUTEI	O CAPITAL STRUCTURI	<u>E</u>			
40 41	PREF. STOCK:	\$747,835,132 X	0.00% (a)	=	\$000s \$34		
42 43	INTEREST:	\$747,835,132 X	2.24% (b)	=	\$16,752		
44 45	FIT:	\$747,835,132 X Plus: Flowthrough Items	0.65% (c) (d)	=	\$4,833 (\$963)		
46 47		Total Federal Income Taxes ("FIT")			\$3,870		
48 49	(a) (b)	From Line 28, Column "Weighted Cost" Sum of Lines 26 and 27, Column "Weighted	Cost".				
50	(c)	(0.00% + 2.43%) / 79% - (0.00% + 2.43%)					
51 52	(d)	Flowthrough Items (tax effected) Investment Tax Credit ("ITC") Amortization	on		(\$4)		
53		ITC Basis Reduction Depreciation			\$37		
54		AFUDC Equity Depreciation			\$42		
55 56		Unfunded Amortization Amortization of Federal Rate Change			\$650 (\$1,689)		
57							
58					(\$963)		

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-2 Responses to the Division's First Set of Informal Data Requests Page 2 of 7

THE NARRAGANSETT ELECTRIC COMPANY

Return on Equity Calculation (Revised)
Return on Rate Base Calculation (Revised)
Twelve Months Ended December 31, 2018
(\$000s)

		Re	turn on Equity		Retu	rn on Rate Ba	se	
Line No.	_	Base Earnings	Basis Points	Actual Earnings	Base Earnings	Basis Points	Actual Earnings	•
		(a)	(b)	(c)	(d)	(e)	(f)	
1	Distribution Operating Income Before Taxes	\$45,423	· /	\$45,423	\$45,423	()	\$45,423	1/
2	Adjustments:							
3	Service Quality ("SQ") Penalties Accrued	\$0	0.00%		\$0	0.00%		2/, 3/
4	Energy Efficiency Program Incentive	(\$4,652)	-1.22%		(\$4,652)	-0.62%		3/
5	System Reliability Procurement Incentives	\$0	0.00%		\$0	0.00%		3/
6	LTCRER Incentive	(\$1,773)	-0.47%		(\$1,773)	-0.24%		3/
7	RE Growth Remuneration	(\$196)	-0.05%		(\$196)	-0.03%		3/
8	Performance Incentive Mechanism Incentives	\$0	0.00%		\$0	0.00%		3/
9	_							-
10	Adjusted Distribution Operating Income Before Taxes	\$38,801		\$45,423	\$38,801		\$45,423	4/
11	Interest Charges	\$16,752		\$16,752	\$16,752		\$16,752	5/
12	Income Taxes @ 21% net of flowthrough	\$3,870		\$5,260	\$3,870		\$5,260	6/
13								-
14	Net Income	\$18,180		\$23,411	\$34,932		\$40,162	7/
15								-
16	Less: Preferred Stock Requirements	\$34		\$34	\$34		\$34	5/
17	Earnings Available for Common	\$18,146		\$23,377	\$34,932		\$40,162	8/
18	-							-
19	Average Common Equity - 5-Quarter Average	\$381,022		\$381,022	\$747,835		\$747,835	5/
20								
21	Rate of Return on Adjusted Average Common Equity_	4.76%		6.14%	4.67%		5.37%	9/

Notes

- 1/ Page 3 of 7 (R), Line 27, Column (f)
- 2/ Effective Dec. 2005, SQ penalties booked below the line.
- 3/ Column (b) = column (a) ÷ Line 19 (a). Column (e) = column (d) ÷ Line 19 (d)
- 4/ Sum of Lines 1 thru 8
- $^{5/}$ Calculated using imputed capital structure and cost rates; see Page 1 of 7 (R), Lines 42, 41, and 29
- 6/ Page 1 of 7 (R) Line 46
- 7/ Column (a) & (c): Line 10 Line 11 Line 12. Column (d) & (f): Line 10 Line 12
- 8/ Line 14 Line 16
- 9/ Line 17 ÷ Line 19

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-2 Responses to the Division's First Set of Informal Data Requests Page 3 of 7

THE NARRAGANSETT ELECTRIC COMPANY Income Statement (Revised) Twelve Months Ended December 31, 2018

Line		Total Electric Business	Less: Integrated Facilities Agreement (IFA) and Block Island Transmission System Amounts Billed to New England Power Co.	Other Adjustments	Electric Distribution Amount Per Schedules	Island Transmission System (BITS) O&M Amounts	Electric Distribution Amount Revised Amount	t
		(a)	(b)	(c)	(d) = a-b+c	(e)	(f) = (d) + (e)	-
1	Revenue - Sales of Electricity	\$380,622			\$380,622		\$380,622	
2	Other Revenue	\$708,944			\$708,944		\$708,944	1/
3	Total Revenue	\$1,089,566			\$1,089,566		\$1,089,566	
4	Operating Expenses:							
5	Purchased Power	\$416,227			\$416,227		\$416,227	
6	Transmission Wheeling	\$214,086			\$214,086		\$214,086	
7	Transmission Wheeling - IFA Credit	(\$147,595)	(\$147,595)		\$0		\$0	
8	Uncollectible Expense	\$14,356		(\$2,215)	\$12,142		\$12,142	2/
9	Genl & Admin. O&M	\$124,218	\$1,915	\$3,002	\$125,305		\$125,305	3/
10	All Other Operation & Maintenance ("O&M") expense	\$168,416	\$30,970	\$1,631	\$139,077	\$8,925	\$148,002	4/
11	Company Share of Earned Savings	\$0		\$2,167	\$2,167		\$2,167	5/
12	Depreciation	\$73,087	\$24,535	\$0	\$48,552		\$48,552	
13	Amortization of Loss on Reacquired Debt	\$533	\$75	(\$346)	\$113		\$113	
14	Amortization - Other	\$219	(4)		\$223		\$223	
15	Gross Earnings Tax	\$41,525			\$41,525		\$41,525	
16	Municipal Tax	\$49,717	\$19,569		\$30,148		\$30,148	
17	Other Non-Income taxes	\$5,412	\$321		\$5,091		\$5,091	
18	Current and Deferred Income Taxes	\$24,443		(\$24,443)	\$0		\$0	
19	Regulatory Debits	\$0			\$0		\$0	
20	Accretion Expense	\$0		\$0	\$0		\$0	
21	Amortization of ITC	(\$21)	(\$6)		(\$15)		(\$15))
22	Interest on Customer Deposits	\$160			\$160		\$160	
23	Donations	\$627		(\$209)	\$418		\$418	6/
24 25	Total Operating Expenses	\$985,411	(\$70,220)	(\$20,412)	\$1,035,218	\$8,925	\$1,044,143	
26	Net Operating Income	\$104,155						
27	Distribution Operating Income Before Taxes				\$54,348		\$45,423	-

Notes 1/

- Excludes excess earnings accrual of \$0 for the 12 month period.
- To adjust the bad debt to actual write off for ratemaking.
 The company made expense reduction adjustment for fiscal 2018, 3 quarters are related to calendar year 2017 and should be added back.
- 4/ (c) Excludes \$2.5 million out of period reduction to storm related expenses; \$0.3 million in sales and general advertising expense; and \$0.6 million in variable pay.
- 4/ (e) The operation and maintenance expense of Block Island Transmission System (BITS) is the reserve for future repairs. It should not be removed from the company's operation and maintenance expenses.
- 5/ Pursuant to Docket 4323, the Company share of Earned Savings equals \$3.25 million annually, prorate for 8 months before the new rates under Docket 4770. 6/ Under Docket 4323, donation is deductible for ratemaking, prorate for 8 months before the new rates under Docket 4770.

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The Narragansett Electric Company
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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Electric Distribution Five Quarter Average

Line No.	Description		(a) December 2017		(b) March 2018		(c) June 2018		(d) September 2018		(e) December 2018	5-Q	(f)
1	Utility Plant in Service	s	1,540,193,364	ę	1,592,127,548	ę	1,615,423,659	¢	1,629,530,567	¢	1,647,962,718	\$	1,605,047,571
2	IFA allocated Plant	ş	1,540,195,504	J	1,392,127,346	J	1,013,423,039	Ф	1,029,550,507	Ф	1,047,902,718	Ф	1,005,047,571
3	Block Island Transmission System (BITS) Assets		-		-		-		_		-		-
4	Total Distribution Plant	-\$	1,540,193,364	\$	1,592,127,548	\$	1,615,423,659	\$	1,629,530,567	\$	1,647,962,718	\$	1,605,047,571
5	Tom Bigarounon Tame		1,0 10,170,001		1,002,127,010		1,010,120,000		1,025,050,007		1,017,502,710		1,000,017,071
6													
7	Property Held for Future Use		2,496,405		2,496,405		2,496,405		2,496,158		2,496,158	\$	2,496,306
8	Less: Contribution in Aid of Construction		(222,216)		332,062		482,252		557,062		557,062		341,244
9	Less: Accumulated Depreciation		666,908,851		667,895,017		673,452,326		678,995,663		688,791,676		675,208,707
10	Less: IFA allocated Depreciation		-		-		· · ·		· · ·		· · ·		· · ·
11	Less: Block Island Transmission System (BITS) Depreciation		-		_		_		-		-		-
12	Total Accumulated Depreciation		666,908,851		667,895,017		673,452,326		678,995,663		688,791,676		675,208,707
13	•										,		
14	Net Plant in Service	\$	876,003,134	\$	926,396,874	\$	943,985,486	\$	952,474,000	\$	961,110,139	\$	931,993,926
15													
16	Plus:												
17	Materials and Supplies	\$	3,695,981	\$	5,005,852	\$	4,472,144	\$	4,112,123	\$	4,370,667	\$	4,331,353
18	Prepayments		1,522,484		885,046		4,621,198.68		2,986,856		74,706		2,018,058
19	Loss on Reacquired Debt		1,752,405		1,728,929		1,703,157		1,669,231		1,639,400		1,698,624
20	Cash Working Capital		4,975,475		4,975,475		4,975,475		17,922,078		17,922,078		10,154,116
21	Cash Working Capital - Commodity & Gross Receipts Tax		23,686,328		32,926,823		32,926,823		32,926,823		32,926,823		31,078,724
22	Unamortized Interest Rate Lock		2,069,360		2,116,573		2,092,070		2,067,567		2,043,065		2,077,727
23	Unamortized Debt Issuance Costs (\$550M)		1,016,126		991,658		967,190		942,722		918,255		967,190
24	Unamortized Debt Issuance Costs (\$250M 2012)		908,788		\$899,670		\$890,551		\$881,433		\$872,315		\$890,551
25	Unamortized Debt Issuance Costs (\$350M 2018)		-		-		-		\$603,028		\$587,697		\$238,145
26													
27	Subtotal	\$	39,626,947	\$	49,530,026	\$	52,648,609	\$	64,111,863	\$	61,355,006	\$	53,454,490
28													
29	Less:												
30	Accumulated Deferred Federal Income Taxes ("FIT")	\$	215,503,710	\$	238,209,087	\$	228,698,305	\$	228,603,982	\$	213,644,353	\$	224,931,887
31	Accumulated Deferred FIT on Loss for Reacquired Debt		613,342		363,075		357,663		350,539		344,274		405,778
32	Customer Deposits		8,961,553		8,769,946		9,370,158		9,535,622		9,706,952		9,268,846
33	Injuries and Damages Reserve - Uninsured Claims		4,934,361		5,049,297		5,050,202		-		-		3,006,772
34													
35	Subtotal	\$	230,012,966	\$	252,391,405	\$	243,476,327	\$	238,490,142	\$	223,695,579	\$	237,613,284
36 37	Rate Base	\$	685,617,114	\$	723,535,494	\$	753,157,768	\$	778,095,720	\$	798,769,565	\$	747,835,132

Line Notes

35 Line 14 + Line 24 - Line 33

The Narragansett Electric Company
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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Integrated Facilities Agreement (IFA) and Block Island Transmission System (BITS) Five Quarter Average

Line No.	Description		(a) December 2017		(b) March 2018		(c) June 2018		(d) September 2018		(e) December 2018	5-Q	(f) uarter Average
1	Utility Plant in Service	\$	840,536,616	\$	861,903,434	\$	869,305,373	\$	892,862,522	\$	892,862,522	\$	871,494,093
2	IFA allocated Plant		5,484,673		4,826,887		4,873,107		5,038,313		5,038,313		5,052,259
3	Block Island Transmission System (BITS) Assets		111,730,437		110,056,768		110,971,119		111,602,559		114,082,570		111,688,691
4	Total Transmission Plant	\$	957,751,726	\$	976,787,089	\$	985,149,599	\$	1,009,503,394	\$	1,011,983,405	\$	988,235,043
5													
6													
7	Property Held for Future Use		12,531,903		12,531,903		12,531,903		12,531,903		12,531,903		12,531,903
8	Less: Contribution in Aid of Construction												
9	Less: Accumulated Depreciation		106,968,106		111,037,950		117,583,447		123,042,222		123,042,222		116,334,789
10	Less: IFA allocated Depreciation		1,722,878		1,032,064		1,045,087		1,085,039		1,085,039		1,194,021
11	Less: Block Island Transmission System (BITS) Depreciation		208,038		3,026,582		3,568,138		4,186,929		4,815,416		3,161,021
12	Total Accumulated Depreciation		108,899,022		115,096,596		122,196,672		128,314,190		128,942,677		120,689,831
13	N. W. C. C.		051.201.50#	_	071 222 205	_	055 101 020	_	000 501 105	_	005 550 500	_	000 000 111
14	Net Plant in Service	\$	861,384,607	\$	874,222,396	\$	875,484,830	\$	893,721,107	\$	895,572,630	\$	880,077,114
15	Diversi												
16 17	Plus:	s	2 700 020	\$	2 010 410	s	2 724 125	\$	2 002 007	\$	2.106.046	\$	2,832,103
18	Materials and Supplies Prepayments	3	2,708,039 860,846	3	2,818,410 495,593	3	2,724,125 2,571,463	3	2,803,897 1,673,869	3	3,106,046 41,883	3	1,128,731
19	Loss on Reacquired Debt		990,849		968,136		947,720		935,457		919,099		952,252
	*		,		,				,				
20	Cash Working Capital		3,161,077		3,789,939		3,059,825		2,165,878		2,921,874		3,019,719
21	Cash Working Capital - Commodity & Gross Receipts Tax Unamortized Interest Rate Lock		1,280,704		\$1,309,922		\$1,294,758		\$1,279,593		\$1,264,429		\$1,285,881
22 23	Unamortized Interest Rate Lock Unamortized Debt Issuance Costs (\$550M)		677,568		\$613,718		\$1,294,738		\$1,279,393		\$1,264,429		\$608,317
									\$585,455 \$545,503		\$508,290 \$539.860		\$551,146
24 25	Unamortized Debt Issuance Costs (\$250M 2012)		562,432		\$556,789		\$551,146				,		
26	Unamortized Debt Issuance Costs (\$350M 2018)		-		-		-		505,188		492,345		199,507
27	Subtotal		10,241,514	S	10,552,509	S	11,747,613	S	10,492,817	\$	9,853,825	\$	10,577,656
28	Subtotal	9	10,241,314	φ	10,332,307	φ	11,/4/,013	φ	10,472,617	φ	7,655,625	φ	10,577,050
29	Less:												
30	Accumulated Deferred Federal Income Taxes ("FIT")	s	139.364.226	\$	148.371.113	S	155,058,171	s	155,786,483	\$	161,610,078	\$	152.038.014
31	Accumulated Deferred FIT on Loss on Reaquired Debt	J	346,797	φ	203,309	φ	199,021	φ	196,446	φ	193,011	φ	227,717
32	Customer Deposits		540,777		203,309		177,021		170,770		175,011		
33	Injuries and Damages Reserve - Uninsured Claims		_		_		_		_		_		_
34													
35	Subtotal	\$	139,711,023	\$	148,574,421	\$	155,257,193	\$	155,982,929	\$	161,803,089	\$	152,265,731
36			- ,- ,		-,,		., ,	<u> </u>		<u> </u>	, ,	<u> </u>	,,
37	Rate Base	\$	731,915,098	\$	736,200,484	\$	731,975,250	\$	748,230,996	\$	743,623,367	\$	738,389,039

Line Notes

35 Line 14 + Line 24 - Line 33

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THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Electric Total Distribution, IFA and BITS Five Quarter Average

Description 2017 2018 2018 2018 2018 5-Quarter Average	Line		(a) December	(b) March	(c) June	(d) September	(e) December	(f)
Fig.		Description						5-Quarter Average
Fig.								
Block Island Transmission System (BITS) Assets 111,730,437 110,056,768 110,071,119 111,002,559 114,082,570 111,688,691 100,000,000,000,000,000,000,000,000,000	1	Utility Plant in Service	\$ 2,380,729,980	\$ 2,454,030,982	\$ 2,484,729,032	\$ 2,522,393,089	\$ 2,540,825,240	\$ 2,476,541,665
Total Utility Plant in Service S 2,497,945,090 S 2,568,914,637 S 2,600,573,258 S 2,639,033,961 S 2,659,946,123 S 2,593,282,614 S 2,559,946,123 S 2,593,294,146 S 2,559,946,144	2	IFA allocated Plant	5,484,673	4,826,887	4,873,107	5,038,313	5,038,313	5,052,259
Property Held for Future Use \$ 15,028,308 \$ 15,028,308 \$ 15,028,308 \$ 15,028,061 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 15,028,061 \$ 15,028,069 \$ 10,000 \$	3	Block Island Transmission System (BITS) Assets	111,730,437	110,056,768	110,971,119	111,602,559	114,082,570	111,688,691
Property Held for Future Use	4	Total Utility Plant in Service	\$ 2,497,945,090	\$ 2,568,914,637	\$ 2,600,573,258	\$ 2,639,033,961	\$ 2,659,946,123	\$ 2,593,282,614
Property Held for Future Use	5							
Less: Contribution in Aid of Construction C222,216 332,062 482,252 557,062 557,062 341,244 Less: Accumulated Depreciation 773,876,957 778,932,967 791,035,773 802,037,885 811,833,898 791,543,496 Less: EVA allocated Depreciation 1,722,878 1,032,064 1,045,087 1,085,039 1,085,039 1,194,021 Less: Block Island Transmission System (BITS) Depreciation 208,038 3,026,582 3,568,138 4,186,929 4,815,416 3,161,021 Total Accumulated Depreciation 775,807,873 782,991,613 795,648,998 807,309,853 817,734,353 795,898,538 Head of Plus: 1,000,000,000,000,000,000,000,000,000,0	6							
Less: Accumulated Depreciation	7	Property Held for Future Use	\$ 15,028,308	\$ 15,028,308	\$ 15,028,308	\$ 15,028,061	\$ 15,028,061	\$ 15,028,209
Less: IFA allocated Depreciation	8	Less: Contribution in Aid of Construction	(222,216)	332,062	482,252	557,062	557,062	341,244
Less: Block Island Transmission System (BITS) Depreciation 208,038 3,026,582 3,568,138 4,186,929 4,815,416 3,161,021 Total Accumulated Depreciation 775,807,873 782,991,613 795,648,998 807,309,853 817,734,353 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,898,538 Total Accumulated Depreciation 795,648,998 807,309,853 817,734,353 Total Accumulated Depreciation 795,898,538 Total Accumulated Depreciation 795,898,5	9	Less: Accumulated Depreciation	773,876,957	778,932,967	791,035,773	802,037,885	811,833,898	791,543,496
Total Accumulated Depreciation 775,807,873 782,991,613 795,648,998 807,309,853 817,734,353 795,898,538 114 Net Plant in Service \$1,737,387,741 \$1,800,619,270 \$1,819,470,316 \$1,846,195,107 \$1,856,682,769 \$1,812,071,041 \$1	10	Less: IFA allocated Depreciation	1,722,878	1,032,064	1,045,087	1,085,039	1,085,039	1,194,021
Net Plant in Service \$1,737,387,741 \$1,800,619,270 \$1,819,470,316 \$1,846,195,107 \$1,856,682,769 \$1,812,071,041	11	Less: Block Island Transmission System (BITS) Depreciation	208,038	3,026,582	3,568,138	4,186,929	4,815,416	3,161,021
Net Plant in Service \$1,737,387,741 \$1,800,619,270 \$1,819,470,316 \$1,846,195,107 \$1,856,682,769 \$1,812,071,041 \$1 \$1 \$1 \$1 \$1 \$1 \$1	12	Total Accumulated Depreciation	775,807,873	782,991,613	795,648,998	807,309,853	817,734,353	795,898,538
15	13	*						
Plus:	14	Net Plant in Service	\$ 1,737,387,741	\$ 1,800,619,270	\$ 1,819,470,316	\$ 1,846,195,107	\$ 1,856,682,769	\$ 1,812,071,041
17 Materials and Supplies 6,404,020 \$7,824,262 \$7,196,269 \$6,916,020 \$7,476,714 \$7,163,457 18 Prepayments 2,383,330 1,380,640 7,192,662 4,660,725 116,589 3,146,789 19 Loss on Reacquired Debt 2,743,254 2,697,065 2,650,877 2,604,688 2,558,499 2,650,877 20 Cash Working Capital 8,136,552 8,765,414 8,035,300 20,087,956 20,843,952 13,173,835 21 Cash Working Capital - Commodity & Gross Receipts Tax 23,686,328 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 33,47,161 3,307,493 3,363,608 23 Unamortized Debt Issuance Costs (\$550M) 1,693,694 1,605,376 1,565,766 1,526,155 1,486,545 1,575,507 24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,4	15							
Prepayments	16	Plus:						
Loss on Reacquired Debt 2,743,254 2,697,065 2,655,877 2,604,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,688 2,558,499 2,650,877 2,004,680 2,008,395 2,	17	Materials and Supplies	6,404,020	\$7,824,262	\$7,196,269	\$6,916,020	\$7,476,714	\$ 7,163,457
20 Cash Working Capital 8,136,552 8,765,414 8,035,300 20,087,956 20,843,952 13,173,835 21 Cash Working Capital - Commodity & Gross Receipts Tax 23,686,328 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 31,078,724 22 Unamortized Interest Rate Lock 3,350,064 3,426,495 3,386,828 3,347,161 3,307,493 3,363,608 23 Unamortized Debt Issuance Costs (\$550M) 1,693,694 1,605,376 1,565,766 1,526,155 1,486,545 1,575,507 24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,456,458 1,441,697 1,426,936 1,412,174 1,441,697 25 Unamortized Debt Issuance Costs (\$350M 2018) - - - - 1,108,217 1,080,042 437,652 26 - - - - - 1,108,217 1,080,042 437,652 28 - - - - - - - - - - - -	18	Prepayments	2,383,330	1,380,640	7,192,662	4,660,725	116,589	3,146,789
21 Cash Working Capital - Commodity & Gross Receipts Tax 23,686,328 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 31,078,724 22 Unamortized Interest Rate Lock 3,350,064 3,426,495 3,386,828 3,347,161 3,307,493 3,363,608 23 Unamortized Debt Issuance Costs (\$550M) 1,693,694 1,605,376 1,565,766 1,526,155 1,486,545 1,575,507 24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,456,458 1,416,697 1,426,936 1,412,174 1,441,697 25 Unamortized Debt Issuance Costs (\$350M 2018) - - - 1,108,217 1,080,042 437,652 26 Subtotal \$49,868,461 \$60,082,534 \$64,396,222 74,604,680 71,208,831 \$64,032,146 28 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$386,580,200 \$383,756,476 \$384,390,465 \$375,254,432 \$376,969,902	19	Loss on Reacquired Debt	2,743,254	2,697,065	2,650,877	2,604,688	2,558,499	2,650,877
21 Cash Working Capital - Commodity & Gross Receipts Tax 23,686,328 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 32,926,823 31,078,724 22 Unamortized Interest Rate Lock 3,350,064 3,426,495 3,386,828 3,347,161 3,307,493 3,363,608 23 Unamortized Debt Issuance Costs (\$550M) 1,693,694 1,605,376 1,565,766 1,526,155 1,486,545 1,575,507 24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,456,458 1,416,697 1,426,936 1,412,174 1,441,697 25 Unamortized Debt Issuance Costs (\$350M 2018) - - - 1,108,217 1,080,042 437,652 26 Subtotal \$49,868,461 \$60,082,534 \$64,396,222 74,604,680 71,208,831 \$64,032,146 28 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$386,580,200 \$383,756,476 \$384,390,465 \$375,254,432 \$376,969,902	20	Cash Working Capital	8,136,552	8,765,414	8,035,300	20,087,956	20,843,952	13,173,835
22 Unamortized Interest Rate Lock 3,350,064 3,426,495 3,386,828 3,347,161 3,307,493 3,363,608 23 Unamortized Debt Issuance Costs (\$550M) 1,693,694 1,605,376 1,565,766 1,526,155 1,486,545 1,575,507 24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,456,458 1,441,697 1,426,936 1,412,174 1,441,697 25 Unamortized Debt Issuance Costs (\$350M 2018) - - - 1,108,217 1,080,042 437,652 26 Subtotal \$ 49,868,461 \$ 60,082,534 \$ 64,396,222 \$ 74,604,680 \$ 71,208,831 \$ 64,032,146 28 29 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	21	Cash Working Capital - Commodity & Gross Receipts Tax	23,686,328	32,926,823	32,926,823	32,926,823	32,926,823	31,078,724
24 Unamortized Debt Issuance Costs (\$250M 2012) 1,471,220 1,456,458 1,441,697 1,426,936 1,412,174 1,444,697 25 Unamortized Debt Issuance Costs (\$350M 2018) - - - - 1,108,217 1,080,042 437,652 26 Subtotal \$ 49,868,461 \$ 60,082,534 \$ 64,396,222 \$ 74,604,680 \$ 71,208,831 \$ 64,032,146 28 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	22	Unamortized Interest Rate Lock	3,350,064	3,426,495	3,386,828	3,347,161	3,307,493	3,363,608
25 Unamortized Debt Issuance Costs (\$350M 2018) - - - 1,108,217 1,080,042 437,652 26 27 Subtotal	23	Unamortized Debt Issuance Costs (\$550M)	1,693,694	1,605,376	1,565,766	1,526,155	1,486,545	1,575,507
25 Unamortized Debt Issuance Costs (\$350M 2018) - - - 1,108,217 1,080,042 437,652 26 27 Subtotal	24	Unamortized Debt Issuance Costs (\$250M 2012)	1,471,220	1,456,458	1,441,697	1,426,936	1,412,174	1,441,697
26 Subtotal \$49,868,461 \$60,082,534 \$64,396,222 \$74,604,680 \$71,208,831 \$64,032,146 \$28 \$129 \$128 \$128 \$128 \$129 \$128 \$128 \$128 \$128 \$128 \$128 \$128 \$128	25	Unamortized Debt Issuance Costs (\$350M 2018)	, , , , , , , , , , , , , , , , , , ,	-	-	1,108,217	1,080,042	
28 29 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	26	,						
28 29 Less: 30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	27	Subtotal	\$ 49,868,461	\$ 60,082,534	\$ 64,396,222	\$ 74,604,680	\$ 71,208,831	\$ 64.032.146
30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	28							
30 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 \$ 386,580,200 \$ 383,756,476 \$ 384,390,465 \$ 375,254,432 \$ 376,969,902	29	Less:						
		Accumulated Deferred Federal Income Taxes (FIT)	354,867,936	\$ 386,580,200	\$ 383,756,476	\$ 384,390,465	\$ 375,254,432	\$ 376,969,902
	31	` '						\$ 633,495
32 Customer Deposits 8,961,553 \$8,769,946 \$9,370,158 \$9,535,622 \$9,706,952 \$ 9,268,846			,		,			
33 Injuries and Damages Reserve - Uninsured Claims 4,934,361 \$5,049,297 \$5,050,202 \$0 \$0 \$ 3,006,772								
34		J	.,,	**,**;****	,,202	40	4 0	,,./=
35 Subtotal \$ 369,723,989 \$ 400,965,827 \$ 398,733,520 \$ 394,473,071 \$ 385,498,668 \$ 389,879,015		Subtotal	\$ 369,723,989	\$ 400.965.827	\$ 398,733,520	\$ 394,473,071	\$ 385,498,668	\$ 389.879.015
36			5 505,125,505	- 100,700,027	- 5,0,755,520	2 321,173,071	- 505,170,000	- 505,075,015
37 Rate Base \$ 1,417,532,213 \$ 1,459,735,978 \$ 1,485,133,019 \$ 1,526,326,716 \$ 1,542,392,931 \$ 1,486,224,171		Rate Base	\$ 1,417,532,213	\$ 1,459,735,978	\$ 1,485,133,019	\$ 1,526,326,716	\$ 1,542,392,931	\$ 1,486,224,171

Line Notes

35 Line 14 + Line 24 - Line 33

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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 In Re: Electric and Gas Earnings Reports Attachment DIV 1-1-2

Responses to the Division's First Set of Informal Data Requests
Page 7 of 7

THE NARRAGANSETT ELECTRIC COMPANY

Calculation of Excess Earnings for Twelve months ended December 31, 2018 (\$000)

Line	e -					
1 2	Base Distribution Earnings Available for Common	\$18,146 (a)				
3						
4	Actual Average Common Equity	\$381,022 (a)				
5						
6						Customer
7	Average Annual Return		4.76% (o)	_	Share
8						
9	ROE in 50%/50% Bandwith (>9.275%, <10.275%)		0.00% *	50.00%	=	0.00%
10	ROE in 75%/25% Bandwith (>10.275%)		0.00% *	75.00%	=_	0.00%
11					_	
12	Total Customer ROE Sharing					0.00%
13	Actual Average Common Equity				_	\$381,022
14					_	_
15	Actual Annual Customer Shared Earnings					\$0
16	Tax Gross-up				_	/ 79.00%
17					_	_
18	Annual Customer Shared Earnings - Pre-tax					-
19						
20	Total Customer Shared Earnings for the twelve months en	ding December 31,	2018			\$ -

Notes

- (a) From Page 2 of 7 (R) Line 17 and Line 19
- (b) Line 1 divided by Line 4; equals Page 2 of 7 (R) Line 21

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Attachment DIV Informal 1-1-3
Page 1 of 3

Att. DIV 1-1-4, Page 3, Line 36, Column (f) Page 2, Column (i) Page 2, Column (h)

33 (c) 33 (d) 33 (f)

Per Company's books Page 3, Line 31 Page 2, Column (i) Page 2, Column (h)

Notes:
(a)
(b)
(d)
(f)

		Actual Book Amount Year Ended Dec 31,	Normalizing	Adjusted Book Amount Year Ended Dec 31,	Prorated CY 2019 per Dockets 4770 &	Actual vs Prorated CY	Rate Year Ending August 31, 2020 per Dockets 4770	Actual CY 19 vs
		2019	Adjustments	2019	4780	2019	& 4780	Rate Case RY 2
		(a)	(a)	(c) = (a) + (b)	(p)	(e) = (c) - (d)	Đ	(g) = (c) - (1)
- (Revenues	\$1,140,519,157	(\$844,836,681)	\$295,682,476	\$296,149,937	(\$467,461)	\$303,020,983	(\$7,338,507)
1 m z	Purchased Power & Other Reconciling Expense	\$422,137,014	(\$422,137,014)	80	\$0	80	80	80
t vo v	Net Distribution Revenues	\$718,382,143	(\$422,699,667)	\$295,682,476	\$296,149,937	(\$467,461)	\$303,020,983	(\$7,338,507)
0 / 0	Operation & Maintenance Expenses	\$400,400,063	(\$241,266,222)	\$159,133,841	\$152,653,679	\$6,480,162	\$158,458,765	\$675,076
0 6 5	Amortization of Regulatory Deferrals	80	\$471,908	\$471,908	\$471,908	80	\$471,908	80
11 2	Amortization of Utility Plant	\$785,674	(\$785,675)	(0\$)	80	(0\$)	80	(0\$)
1 2 2	Depreciation	\$75,522,338	(\$25,441,974)	\$50,080,364	\$50,720,367	(\$640,003)	\$51,594,521	(\$1,514,157)
4 5 7	Municipal Taxes	\$48,504,420	(\$17,805,444)	\$30,698,976	\$30,530,258	\$168,718	\$30,530,258	\$168,718
01 17 81	Payroll Taxes	\$5,063,185	(\$611,117)	\$4,452,068	\$4,190,816	\$261,251	\$4,263,404	\$188,664
19	Gross Receipts Taxes	\$43,385,316	(\$43,385,316)	80	\$0	80	80	80
21	Other Taxes	(\$177,045)	\$138,611	(\$38,435)	\$458,435	(\$496,870)	\$466,493	(\$504,928)
22 23 23	Interest on Customer Deposits	\$203,289	80	\$203,289	\$189,574	\$13,715	\$304,467	(\$101,178)
25	Total Operating Revenue Deductions	\$573,687,241	(\$328,685,230)	\$245,002,011	\$239,215,038	\$5,786,973	\$246,089,816	(\$1,087,805)
27 28 28	Operating Income Before Income Taxes	\$144,694,902	(\$94,014,437)	\$50,680,465	\$56,934,899	(\$6,254,434)	\$56,931,167	(\$6,250,702)
29	Income Taxes				\$6,160,307		\$6,160,307	
31	Operating Income After Income Taxes				\$50,774,592		\$50,770,860	
33	Rate Base		-	\$740,856,415	\$728,500,109	\$12,356,306	\$728,500,109	\$12,356,306

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Attachment DIV Informal 1-1-3
Page 2 of 3

The Narragansett Electric Company drb/a National Grid Combined Revenue Requirement under Docket 4770 & 4780 Rate Year Ending August 31, 2021 and Rate Year Ending August 31, 2022

		Docket 4770 General Case RY1	Docket 4780 PST RY1	Reclass from OM to Revenue	Total RY 1	Docket 4770 General Case RY2	Docket 4780 PST RY2	Reclass from OM to Revenue	Total RY 2	Prorate CY 2019
		(a)	(b)	(0)	(d) = (a) + (b) + (c)	(e)	(f)	(g)	(h) = (e) + (f) + (g)	(i) = $(d) \times 8 \div 12 +$ (h)×4÷12
- 0	Revenues	\$291,188,372	\$2,077,323	(\$551,281)	\$292,714,414	\$294,892,686	\$8,679,578	(\$551,281)	\$303,020,983	\$296,149,937
1 W 4	Purchased Power & Other Reconciling Exp	0\$			80	80			80	0\$
+ v2 v3	Net Distribution Revenues	\$291,188,372	\$2,077,323	(\$551,281)	\$292,714,414	\$294,892,686	\$8,679,578	(\$551,281)	\$303,020,983	\$296,149,937
o 1- ×	Operation & Maintenance Expenses	\$148,380,053	\$1,922,365	(\$551,281)	\$149,751,137	\$150,916,736	\$8,093,310	(\$551,281)	\$158,458,765	\$152,653,679
6 5	Amortization of Regulatory Deferrals	\$471,908			\$471,908	\$471,908			\$471,908	\$471,908
2 11 2	Amortization of Utility Plant	0\$			80	80			80	0\$
13 2	Depreciation	\$50,128,332	\$154,958		\$50,283,290	\$51,008,253	\$586,268		\$51,594,521	\$50,720,367
15 2	Municipal Taxes	\$30,530,258			\$30,530,258	\$30,530,258			\$30,530,258	\$30,530,258
12 22	Payroll Taxes	\$4,154,522			\$4,154,522	\$4,263,404			\$4,263,404	\$4,190,816
61 02	Gross Receipts Taxes	80			80	80			0\$	80
3 73 8	Other Taxes	\$454,406			\$454,406	\$466,493			\$466,493	\$458,435
3 8 8	Interest on Customer Deposits	\$132,127			\$132,127	\$304,467			\$304,467	\$189,574
52 25	Total Operating Revenue Deductions	\$234,251,607	\$2,077,323	(\$551,281)	\$235,777,649	\$237,961,519	\$8,679,578	(\$551,281)	\$246,089,816	\$239,215,038
27 23	Operating Income Before Income Taxes	\$56,936,765	80	80	\$56,936,765	\$56,931,167	80	80	\$56,931,167	\$56,934,899
29	Income Taxes	\$6,160,307			\$6,160,307	\$6,148,009			\$6,160,307	\$6,160,307
31	Operating Income After Income Taxes	\$50,776,458			\$50,776,458	\$50,783,158			\$50,770,860	\$50,774,592
33	Rate Base	\$728,500,109			\$728,500,109	\$728,596,238		ĺ	\$728,500,109	\$728,500,109

(a),(e) RIPUC Docket No. 4770, Electric Distirbution Rate Changes for Rate Year 2, Schedule 3, page 1 of 1 (b),(f) RIPUC Docket No. 4770, Electric Distirbution Rate Changes for Rate Year 2, Schedule 6, page 1 of 1 (c),(g) Paperless bill credit approved in Docket 4770

Attachment PUC 1-1 Page 19 of 41 The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770

In Re: Electric and Gas Earnings Reports

tachment DIV Informal 1-1-3 Page 3 of 3

The Narragansett Electric Company d/b/a National Grid Normalizing Adjustment Details The Twelve Months Ended Dec 31, 2019	
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rest Total $(k) = \sup_{x \in \mathbb{R}} \operatorname{of}(a)$		(\$144,694,9	08	0\$	0\$	80	80	80	80	80	80	\$3,030,141	(\$606,687)	\$1,438,034	\$3,950,686	(\$227,892)	\$405,905	80	\$15,601,091	\$62,639,995	\$3,707,945	\$2,309,072	\$379,541	\$771,867	\$1,074,519	(\$232,182)	(\$237,663)	(\$60,792)	\$70,857	\$94,014,436		,289 (\$50,680,465)	
Other Taxes Interest	(1)	(\$177,045) \$203,289						\$242,669																				(\$104,058)		\$138,611		(\$38,435) \$203,289	
Gross Receipts Taxes	(h)	\$43,385,316 (\$						(\$43,385,316) \$.																				(\$)		(\$43,385,316)		\$) 0\$	
Payroll Tax	(g)	\$5,063,185												(\$24,588)						(\$586,693)								\$164		(\$611,117)		\$4,452,068	
Municipal Tax	(J)	\$48,504,420																	(\$1,643,189)	(\$16,162,255)										(\$17,805,444)		\$30,698,976	
Depreciation	(e)	\$75,522,338													(\$2,746,220)		(\$19,721)		(\$3,569,624)	(\$19,106,409)										(\$25,441,974)		\$50,080,364	
Amortizatio n	(p)	\$785,674													(\$442,878)		(\$342,797)													(\$785,675)		(\$0)	
Reg Deferral	(0)	\$0		\$471,908																										\$471,908		\$471,908	
О&М	(q)	\$822,537,077		(\$471,908)	(\$422,137,014)	(\$187,007,817)	(\$108,720,251)		\$1,422,869	(\$989,283)	(\$10,057,660)		(\$606,687)	(\$12,530,938)			(\$812,807)	(\$20,705,726)		\$98,495,353					\$1,074,519	(\$232,182)	(\$237,663)	\$43,102	\$70,857	(\$663,403,236)		\$159,133,841	
Revenue	(a)	(\$1,140,519,156)			\$422,137,014	\$187,007,817	\$108,720,251	\$43,142,647	(\$1,422,869)	\$989,283	\$10,057,660	\$3,030,141		\$13,993,560	\$7,139,784	(\$227,892)	\$1,581,230	\$20,705,726	\$20,813,904		\$3,707,945	\$2,309,072	\$379,541	\$771,867						\$844,836,680		(\$295,682,476)	
Description		Database	Adiustments:	Reclass Amort of Reg Def	Purchased Power	Wheeling	DSM	Gross Receipts Taxes	Pension/PBOP	AMP & AMI	Other Uncollectibles	Working Capital Impact on ARRF	Inspection/Maintenance	VM for Exp/VM IM for Rev	ISR CAPEX and Property Tax	Property Tax Tracker	Regrowth OM & Capital	Storm	BITS	IFA	EE Incentrive	LTCRER Incentive	RE Growth Remuneration	PBI Payment cut-off	EDIT to service company rent	Variable Pay to Labor	Advertising	Storm Reclass	Other	Total Adjustments		Adjusted Amounts	Per Company's books
		- (7 m	4	5	9	7	∞	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	32	33	Notes:

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Attachment DIV Informal 1-1-4
Responses to the Division's First Set of Informal Data Requests
Page 1 of 4

The Narragansett Electric Company Return on Rate Base Return on Common Equity Twelve Months Ended December 31, 2019

Line No.				Twelve Month December 3										
1			Base Earnings	Actual Earnings	Allowed	Ceiling								
2 3	Return on Dist	ribution Rate Base	1 <u>/</u> 6.23%	2/ 6.92%	3/ 6.97%	<u>3/</u> 6.97%								
5	Return on Dist	ribution Common Equity	7.83%	9.17%	9.275%	9.275%								
6 7 1 8 2 9 3	/ Includes incentives	s and penalties detailed at P detailed at Page 2 d Ceiling, presented below.		3										
10 11					nended Settlement owed	Agreement in Dock Ceilir								
12 13 14			<u>Total</u>	Cost Rate	Weighted <u>Cost</u>	Cost <u>Rate</u>	Weighted <u>Cost</u>							
15 16 17 18 19 20		Short Term Debt Long Term Debt Preferred Stock Common Equity	0.60% 48.35% 0.10% 50.95%	1.76% 4.62% 4.50% 9.275%	0.01% 2.23% 0.00% 4.73% 6.97%	1.76% 4.62% 4.50% 9.275%	0.01% 2.23% 0.00% 4.73% 6.97%							
21 22 23 24		Amount	 Total	- EARNED Cost Rate	 Weighted <u>Cost</u>	Taxes	Pre-Tax Weighted Cost							
25 26 27 28 29	Short Term Debt Long Term Debt Preferred Stock Common Equity	\$4,445,138 \$358,204,077 \$740,856 \$377,466,343	0.60% 48.35% 0.10% 50.95%	1.76% 4.62% 4.50% 7.83%	0.01% 2.23% 0.00% 3.99%	0.00% 0.61% 5/	0.01% 2.23% 0.00% 4.60%							
30 31	5-Quarter Average Distribution Rate B as of Dec 31, 2019	sase\$740,856,415_4/	100.00%		6.23%	0.61%	6.84%							
32 4 33 5 34 35		Page 3 of 4, Line 36, Column (f) includes adj. for Flowthrough Items below												
36 37 38		PREFERRED STOCK I AND FEE CALCULATED USING	ERAL INCOME TAX											
39 40 41 42 43	PREF. STOCK: INTEREST:	\$740,856,415 X \$740,856,415 X	0.00% (a) 2.24% (b)		\$000s \$33 \$16,595									
44 45 46	FIT:	\$740,856,415 X Plus: Flowthrough Iter Total Federal Incom	ns (d)		\$7,865 (\$3,366) \$4,499									
47 48 49 50 51 52 53 54 55 56 57	(a) (b) (c) (d)	(0.00% + 3.99%) / 799 Flowthrough Items (ta	7, Column "Weighted C % - (0.00% + 3.99%) x effected) lit ("ITC") Amortization Depreciation reciation ion		\$1 (\$9) \$63 \$650 (\$4,070)									
58					(\$3,366)									

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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770

In Re: Electric and Gas Earnings Reports

Attachment DIV Informal 1-1-4

Responses to the Division's First Set of Informal Data Requests

Page 2 of 4

THE NARRAGANSETT ELECTRIC COMPANY

Return on Equity Calculation Return on Rate Base Calculation Twelve Months Ended December 31, 2019 (\$000s)

		Re	turn on Equity		Return on Rate Base				
Line	-	Base	Basis	Actual	Base	Basis	Actual	ī	
No.		Earnings	Points	Earnings	Earnings	Points	Earnings		
		(a)	(b)	(c)	(d)	(e)	(f)		
1	Distribution Operating Income Before Taxes	\$57,077		\$57,077	\$57,077		\$57,077	1/	
2	Adjustments:								
3	Service Quality ("SQ") Penalties Accrued	\$0	0.00%		\$0	0.00%		2/, 3/	
4	Energy Efficiency Program Incentive	(\$3,708)	-0.98%		(\$3,708)	-0.50%		3/	
5	System Reliability Procurement Incentives	\$0	0.00%		\$0	0.00%		3/	
6	LTCRER Incentive	(\$2,309)	-0.61%		(\$2,309)	-0.31%		3/	
7	RE Growth Remuneration	(\$380)	-0.10%		(\$380)	-0.05%		3/	
8	Performance Incentive Mechanism Incentives	\$0	0.00%		\$0	0.00%		3/	
9	-				,			•	
10	Adjusted Distribution Operating Income Before Taxes	\$50,680		\$57,077	\$50,680		\$57,077	4/	
11	Interest Charges	\$16,595		\$16,595	\$16,595		\$16,595	5/	
12	Income Taxes @ 21% net of flowthrough	\$4,499	-0.36%	\$5,842	\$4,499	-0.18%	\$5,842	6/	
13	-				,			•	
14	Net Income	\$29,586		\$34,640	\$46,181		\$51,235	7/	
15	-				,			•	
16	Less: Preferred Stock Requirements	\$33		\$33	\$33		\$33	5/	
17	Earnings Available for Common	\$29,553		\$34,606	\$46,181		\$51,235	8/	
18	=							•	
19	Average Common Equity - 5-Quarter Average	\$377,466		\$377,466	\$740,856		\$740,856	5/	
20									
21	Rate of Return on Adjusted Average Common Equity	7.83%		9.17%	6.23%		6.92%	9/	

Notes

- 1/ Line 10 - Sum of Line 3 through Line 8
- 2/ Effective Dec. 2005, SQ penalties booked below the line.
- 3/ Column (b) = column (a) ÷ Line 19 (a). Column (e) = column (d) ÷ Line 19 (d)
- 4/ Attachment DIV 1-1-3, Page 1, Line 27, Column (c)
- Calculated using imputed capital structure and cost rates; see Page 1 of 4, Lines 42, 41, 29, and 30 5/
- Page 1 of 4, Line 46
- 7/ Column (a) & (c): Line 10 - Line 11 - Line 12. Column (d) & (f): Line 10 - Line 12
- 8/ Line 14 - Line 16
- Line 17 ÷ Line 19

Attachment PUC 1-1 Page 22 of 41

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770

In Re: Electric and Gas Earnings Reports

Attachment DIV Informal 1-1-4

Responses to the Division's First Set of Informal Data Requests

Page 3 of 4

THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Electric Distribution Five Quarter Average

Line No.	Description		(a) December 2018		(b) March 2019		(c) June 2019	_	(d) September 2019	(e) December 2019		5-((f) Quarter Average
1	Utility Plant in Service	\$	1,647,962,718	\$	1,692,885,996	\$	1,714,356,857	\$	1,746,612,053	\$	1,754,536,149	\$	1,711,270,755
2	IFA allocated Plant		-		-		-		-		-		-
3	Block Island Transmission System (BITS) Assets		-		-		-		-		-		-
3a	Less: RE Growth Intangible Rate Base		184,607		1,453,762		1,381,636		1,310,154		1,238,670		1,113,766
3b	Less: RE Growth Meter Rate Base		250,494		269,162		282,389		295,615		308,841		281,300
3c	Less: ISR Rate Base		46,912,496		56,037,779		76,678,273		97,318,766		117,959,259		78,981,315
7													
4	Total Distribution Plant	\$	1,600,615,121	\$	1,635,125,292	\$	1,636,014,559	\$	1,647,687,518	\$	1,635,029,379	\$	1,630,894,374
5													
6													
7	Property Held for Future Use		2,496,158		2,496,289		2,496,289		2,496,042		2,496,042	\$	2,496,164
8	Less: Contribution in Aid of Construction		557,062		554,316		629,316		629,316		629,316		599,865
9	Less: Accumulated Depreciation		688,791,676		699,055,938		703,551,605		711,650,943		721,426,094		704,895,251
10	Less: RE Growth		, ,		,,		, , , , , , , , , , , , , , , , , , , ,		, , , , , ,		, ,,,,,		,,,,,,
11	Less: ISR		1,766,869		2,225,142		3,142,283		4,059,425		4,976,566		3,234,057
12	Total Accumulated Depreciation		687,024,807	_	696,830,796	_	700,409,321	-	707,591,519	_	716,449,529	_	701,661,194
13			,		,,		,,		, , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , , ,		,,
14	Net Plant in Service	S	915,529,411	\$	940,236,470	\$	937,472,211	S	941,962,725	\$	920,446,577	\$	931,129,479
15	THE TAIN IN SECTION		710,027,111	Ψ.	710,230,170		757,172,211		711,702,720	Ψ	720,110,577		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
16	Plus:												
17	Materials and Supplies	s	4,370,667	\$	4,294,394	\$	4,162,981	s	3,289,386	\$	3,358,250	\$	3,895,136
18	Prepayments		74,706	Ψ	5,172,450	Ψ.	1,990,321.88	•	1,785,697	Ψ	74,791		1,819,593
19	Loss on Reacquired Debt		1,639,400		1,649,258		1,621,399		1,590,792		1,578,604		1,615,891
20	Cash Working Capital		17,922,078		17,922,078		17,922,078		17,922,078		17,922,078		17,922,078
21	Cash Working Capital - Commodity & Gross Receipts Tax		32,926,823		40,289,969		40,289,969		40,289,969		40,289,969		38,817,340
21a	Less: Cash Working Capital - Commodity & Gross Receipts Tax		(32,926,823)		(40,289,969)		(40,289,969)		(40,289,969)		(40,289,969)		(38,817,340)
22	Unamortized Interest Rate Lock		2,043,065		2,018,562		1,994,059		1,969,556		1,945,053		1,994,059
23	Unamortized Debt Issuance Costs (\$550M)		918,255		893,787		869,319		844,851		820,383		869,319
24	Unamortized Debt Issuance Costs (\$250M 2012)		872,315		863,196		854,078		844,960		835,842		854,078
25	Unamortized Debt Issuance Costs (\$250M 2012) Unamortized Debt Issuance Costs (\$350M 2018)		587,697		572,366		557,034		541,703		526,372		557,034
23	Chamortized Debt Issuance Costs (\$350W 2018)		367,097		372,300		337,034		341,703		320,372		337,034
26	Subtotal	•	28,428,183	S	33,386,090	\$	29,971,270	S	28,789,023	\$	27.061.373	S	29,527,188
27	Subiotal		20,420,103	φ	33,380,090	Ф	29,971,270		26,769,023	Ф	27,001,373	φ	29,327,100
28	Less:												
29	Accumulated Deferred Federal Income Taxes ("FIT")	s	213,644,353	s	217,741,483	\$	218,567,094	s	216,107,774	\$	210,167,705	s	215,245,682
30		3	213,044,333	э	217,741,463	э	218,367,094	3	210,107,774	э	210,167,703	э	213,243,082
30a	Block Island Transmission System (BITS) ADIT Less: ADIT for ISR		(3,574,591)		(4,345,155)		(5,788,307)		(7,231,460)		(8,674,613)		(5,922,825)
31	Accumulated Deferred FIT on Loss for Reacquired Debt		344,274		346,344		340,494		334,066		331,507		339,337
32	Customer Deposits		9,706,952		9,856,245		10,573,489		10,299,922		10,253,679		10,138,057
33	0.11	-	220 120 000	-	222 500 010	-	222 (02 772	-	210 510 202	•	212.070.270	-	210 000 251
34	Subtotal	2	220,120,988	\$	223,598,918	\$	223,692,770	\$	219,510,302	\$	212,078,278	\$	219,800,251
35 36	Rate Base	\$	723,836,605	\$	750,023,642	\$	743,750,712	\$	751,241,446	\$	735,429,671	\$	740,856,415

Line Notes

Agree with CY 2019 Electric Earnings Sharing Mechanism Earnings Report ("Earnings Report"), Page 4 of 7, Line 1 through Line 36 except for the following lines. Based on 2020 RE Growth Factor Filing, Schedule NG-4a 1~36

3a 3b

Based on 2020 RE Growth Factor Filing, Schedule NG-4B

FY 2020 Electric Infrastructure, Safety, and Reliability Plan Reconciliation Filing, Attachment MAL-1 3c,21a,30a

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Attachment DIV Informal 1-1-4
Responses to the Division's First Set of Informal Data Requests
Page 4 of 4

THE NARRAGANSETT ELECTRIC COMPANY Calculation of Excess Earnings for Twelve months ended December 31, 2019 (\$000)

Line							
1 2	Base Distribution Earnings Available for Common	\$29,553 (a	a)				
3							
4	Actual Average Common Equity	\$377,466 (a	n)				
5							
6							Customer
7	Average Annual Return		7.8300	% (b)	_	Share
8						_	
9	ROE in 50%/50% Bandwith (>9.275%, <10.275%)		0.0000	% *	50.00%	=	0.0000%
10	ROE in 75%/25% Bandwith (>10.275%)		0.0000)% *	75.00%	= _	0.0000%
11						_	
12	Total Customer ROE Sharing						0.0000%
13	Actual Average Common Equity					_	\$377,466
14							
15	Actual Annual Customer Shared Earnings						\$0
16	Tax Gross-up					_	/ 79.00%
17							
18	Annual Customer Shared Earnings - Pre-tax						-
19							
20	Total Customer Shared Earnings for the twelve mont	hs ending December	31, 2019				\$ -

Notes

- (a) From Page 2 of 4 Line 17 and Line 19
- (b) Line 1 divided by Line 4; equals Page 2 of 4 Line 21

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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 the Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-2

Request:

Referring to the Income Statement on page 3, line 9, the net "Gen & Admin O&M" expense shown in column (d) of the 2019 earnings report is \$108,896,000. By comparison, the same line item in the 2018 earnings report is \$125,305,000. Please explain why this item of net expense decreased by over \$16 million from calendar year 2018 to calendar year 2019.

Response:

The major adjustments made to the calendar year income statements are the adjustments for Integrated Facilities Agreement (IFA) and Block Island Transmission System (BITS) amounts billed to New England Power Co. As of the filing date of the Company's Electric and Gas Earnings Reports, the IFA billing reconciliation for the calendar year had not been finalized yet; therefore, the prior year IFA filing true-up is included in the following year adjustments. This caused the fluctuation of adjustments between the "Gen & Admin O&M" expense and the "All Other Operation & Maintenance ("O&M") expense". As explained in the Company's response to the Division's First Set of Informal Data Request 1-1, the Company submitted revised Earnings Reports for both calendar year 2018 and 2019 on June 24, 2020. The revision alters the "Gen & Admin O&M" expense and the "All Other Operation & Maintenance ("O&M") expense" individually. However, the change in total Operation and Maintenance expense remains the same: an increase of \$24 million from calendar year 2018 to calendar year 2019.

Please refer to Line 11 in Attachment DIV Informal 1-2. The CY 2019 IFA adjustment to "Gen & Admin O&M" expense (Column (b) less Column (e)) increased by \$9 million from \$2 million in CY 2018. In contrast, on line 12, the CY 2019 IFA adjustment to "All Other Operation & Maintenance ("O&M") expense" decreased by \$11 million from \$22 million in CY 2018. The classification change in IFA adjustments caused the fluctuation between the "Gen & Admin O&M" expense and the "All Other Operation & Maintenance ("O&M") expense. Therefore, the expense fluctuation between the two years should be considered on a total basis which is a \$24 million increase from calendar year 2018 to calendar year 2019, as shown on Line 13, Column (f). The detailed changes are listed from Line 17 through Line 37 on Attachment DIV Informal 1-2.

Attachment PUC 1-1

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas Earnings Reports
Attachment DIV Informal 1-2
Page 1 of 1

THE NARRAGANSETT ELECTRIC COMPANY Operation and Maintenance Analysis Twelve Months Calendar 2019 vs Calendar 2018 (\$ milions)

Less: Integrated Facilities Agreement (IFA) and Block

			(IFA) and Block Island Transmission				
			System (BITS)			Add: Block Island	
		D FED.C	Amounts Billed to	6.1	Electric	Transmission	Revised Electric
		Per FERC	New England Power	Other	Distribution	System (BITS)	Distribution
		Form 1	Co.	Adjustments	Amount	O&M Amounts	Amount
	Changes in "Genl & Admin. O&M" and "All Other	(a)	(b)	(c)	(d) = (a)-(b)+(c)	(e)	(f) = (d) + (e)
1	Operation & Maintenance ("O&M") expense"						
2	4770-CY2019-Electric Earnings (PUC 5-6-20)						
3	Genl & Admin. O&M	\$126	\$17	\$0	\$109	\$6	\$115
4	All Other Operation & Maintenance ("O&M") expense	\$193	\$14	\$1	\$180	\$3	\$183
5	Total of Line 9 and Line 10	\$319	\$31	\$1	\$288	\$9	\$298
6	4323/4770-CY2018-Electric Earnings (PUC 5-1-19)	70-7					
7	Genl & Admin. O&M	\$124	\$2	\$3	\$125		\$125
8	All Other Operation & Maintenance ("O&M") expense	\$168	\$31	\$2	\$139	\$9	\$148
9	Total of Line 9 and Line 10	\$293	\$33	\$5	\$264	\$9	\$273
10	Variance						
11	Genl & Admin. O&M	\$2	\$15	(\$3)	(\$16)	\$6	(\$10)
12	All Other Operation & Maintenance ("O&M") expense	\$24	(\$17)	(\$1)	\$40	(\$6)	\$35
13	Total Variance CY2019 vs CY2018	\$26	(\$2)	(\$4)	\$24	\$0	\$24
14							
15	Explanation of Variances						
16	Increase in Genl & Admin. O&M						
17	Increase in A&G Consultant expense						\$1
18	Decrease in Injuries and damages						(\$3)
19	Increase in Pension/PBOP expense						\$3
20	Decrease in Regulatory Commission expense						(\$1)
21	Total Increase in Genl & Admin. O&M						(\$1)
22							
23	Increase in All Other Operation & Maintenance ("O&M") ex	xpense					40
24	Increase in Energy Efficiency related expenses						\$9
25	Increase in customer outreach, mostly EV Incentive						\$1
26	Decrease in Electric Maintenance & Construction						(\$2)
27	Increase in US IT, cyber security for GBE project						\$2
28	Increase in Vegetation Management Increase in US Engineering due to Grid Mod program						\$3 \$2
29 30	Amortization of Excess ADIT from Service Company						\$2 \$1
31	Increase in Capital related Operation and Maintanance Expe	nco					\$1 \$2
32	Net Increase in Non-deferrable Storms and Amortization of		urro1				\$2 \$3
33	Decrease in IFA adjustment	Storm Fund Den	1141				\$3 \$2
34	Other						\$1
35	Total Increase in All Other Operation & Maintenance ("O&I	M") expense					\$25
36		, empende					Ψ20
37	Total Increase						\$24

Line Notes:

3	4770-CY2019-Electric Earnings (PUC 5-6-20) Report Revised, Page 3, Line 9	11	Line 3 - Line 7
4	4770-CY2019-Electric Earnings (PUC 5-6-20) Report Revised, Page 3, Line 10	12	Line 4 - Line 8
5	Line 3 + Line 4	13	Line 5 - Line 9
7	CY2018-Electric Earnings (PUC 5-1-19) Report Revised, Page 3, Line 9	21	Sum of Line 17 through Line 20
8	CY2018-Electric Earnings (PUC 5-1-19) Report Revised, Page 3, Line 10	34	Line 13 Column (f) - Line 13 Column (b)
9	Line 7 + Line 8	35	Sum of Line 24 through Line
		37	Line 21 + Line 35

Attachment PUC 1-1
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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 the Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-3

Request:

Referring to the Income Statement on page 3, line 10, the net "All Other Operation & Maintenance (O&M) expense" shown in column (d) of the 2019 earnings report is \$179,546,000. By comparison, the same line item in the 2018 earnings report is \$139,077,000. Please explain why this item of net expense increased by over \$40 million from calendar year 2018 to calendar year 2019.

Response:

As stated in the Company's response to Division Informal Data Request 1-2, the classification change in IFA adjustments caused the fluctuation between the "Gen & Admin O&M" expense and the "All Other Operation & Maintenance ("O&M") expense line items of the income statement. Therefore, the expense fluctuation between the two years should be considered on a total basis which is a \$24 million increase from calendar year 2018 to calendar year 2019, as shown on Line 13, Column (f) of Attachment DIV Informal 1-2. The detailed changes are listed from Line 17 through Line 37 on the Attachment.

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 the Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-4

Request:

Did the Company implement any cost-reduction initiatives in 2019 that affected the base distribution cost of service for calendar year 2019, FY 2020, and/or Rate Year 2? If so, please describe and quantify the reductions that were implemented.

Response:

National Grid is committed to continuously identifying opportunities to be more efficient and productive for the benefit of customers. The aim of our effort is to find sustainable ways to achieve efficiencies that will improve both the quality and cost-effectiveness of National Grid's services to customers. In FY 2020, the Company estimates it saved approximately \$2 million in operating expenses related to the Electric Business Unit and its focused efforts on crew efficiency, such as enabling remote training on inclement weather days, and operating model improvements.

Attachment PUC 1-1
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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 the Division's First Set of Informal Data Requests
Issued on May 18, 2020

Division Informal 1-5

Request:

Please provide an update on the balance of the Storm Fund, taking into account the credit of \$947,000. Please provide a schedule showing additions made to the Storm Fund for costs that were charged to the fund, if any, in 2019.

Response:

As of April 30, 2020, the current deficit balance in the Storm Fund is \$112,721,840 and can be found on Page 1, Line 5, Column (i) of Attachment DIV Informal 1-5.

d/b/a National Grid RIPUC Docket No. 4770 The Narragansett Electric Company

In Re: Electric and Gas Earnings Reports Twelve Months Ended December 31, 2019 Attachment DIV Informal 1-5 Page 1 of 2

The Narragansett Electric Company

Storm Fund Activity d/b/a National Grid

Storm Fund Deficit with Current Levels of Customer Contributions Through April 2020

	Ending	Balance	(j)	(\$112,994,083)	(112,388,948)	(112,784,463)	(112,721,840)	(\$112,721,840)
		Adjustments	(h)	80	0	0	947,000	\$947,000
		Charges ¹		(\$1,182,245)	(1,342,272)	(2,360,379)	(2,865,448)	(\$7,750,344)
	Monthly	Interest	(f)	(\$278,921)	(276,864)	(202,410)	(203,065)	(\$961,260)
	Total Monthly	n Contributions	(e)	\$2,352,992	2,224,271	2,167,274	2,184,136	\$8,928,673
ntributions	Supplemental	Contribution	(p)	\$1,743,731	1,615,010	1,558,013	1,574,875	\$6,491,629
Monthly CC	Monthly	Contribution	(c)	\$250,000	250,000	250,000	250,000	\$1,000,000
	Monthly	Contribution	(q)	\$359,261	359,261	359,261	359,261	\$1,437,044
	Beginning	Balance	(a)	(\$113,885,909)	(112,994,083)	(112,388,948)	(112,784,463)	(\$113,885,909)
	v	No. Month		January-20	February-20	March-20	April-20	Period Ended 4/30/20
	Line	Š		1	7	33	4	5

Column Notes:

- Beginning balance is the ending balance per the 2019 Annual Report as filed in the Company's April 1, 2020 filing, RIPUC Docket No. 2509, Attachment 2.
- Per RIPUC Docket No. 4770, the base distribution rate revenue requirement includes \$4,311,132 annually as a contribution to the Storm Fund.
- Per RIPUC Docket No. 4323, an additional \$3.0 million is to be contributed annually to the Storm Fund for a period of six years commencing February 1, 2013. At the end of the six-year period, the continuation of this supplemental \$3.0 million annual Storm Fund contribution will be subject to PUC review. Per RIPUC Docket No. 4686, an extension of an additional \$3.0 million is to be contributed annually to the Storm Fund for a period of twenty-six months, with an expiration date of March 31, 2021. **@ ©**
- Per RIPUC Docket No. 4686, Storm Fund Replenishment Factor (SFRF) amount for a period of four years commencing July 1, 2017.
- Column (b) + Column (c) + Column (d).
- ((Current Month Beginning Balance) (Previous Month Total Contributions / 2) x Current Customer Deposit Rate/12).
 - Page 2 (Represents preliminary costs for qualifying storm events experienced after December 31, 2019).
- Per RIPUC Docket No. 4770/4780 Amended Settlement Agreement, the company credited \$947,000 to customers as the base eamings exceed the allowed ROE of 9.275%.
- Column (a) + Column (e) + Column (f) + Column (g) + Column (h). Ending balance does not reflect true up of storm-related capital costs to actual installed units for storm events experienced after E E E E E
- May 2020 amounts are not reflected due to the financial records are not closed for the month.

Page 2 of 2 d/b/a National Grid In Re: Electric and Gas Earnings Reports Twelve Months Ended December 31, 2019 Attachment DIV Informal 1-5 RIPUC Docket No. 4770 The Narragansett Electric Company

> The Narragansett Electric Company d/b/a National Grid

Storm Fund Charges

Estimated Storm Costs for Storm Events Not Yet Filed (February 2019 - April 2020 Events)

Total (f)	(\$1,182,245) (\$1,342,272) (\$2,360,379) (\$2,865,448) \$0	(\$7,750,344)
April 13, 2020 Wind Storm (e)	(1,459,570)	(\$1,459,570)
February 7, 2020 Wind Storm (d)	(\$1,236,660) (1,387,592) (1,198,046)	(\$3,822,298)
October 31, 2019 Wind/Rain Storm (c)	(\$672,057) (6,873) (134,610) (102,753)	(\$916,293)
October 16, 2019 Wind/Rain Storm (b)	(\$508,360) (89,611) (837,472) (105,079)	(\$1,540,522)
February 25, 2019 October 16, 2019 Vind Storm (Quiana) Wind/Rain Storm (a) (b)	(\$1,828) (9,128) (705)	(\$11,661)
Month	January-20 February-20 March-20 April-20	Period Ended $4/30/20^1$
Line No.	1 2 K 4	5

Column Notes:

(a)

②

- Represents preliminary costs associated with the February 25, 2019 Wind Storm (Quiana).
- Represents preliminary costs associated with the October 16, 2019 Wind/Rain Storm.
- Represents preliminary costs associated with the October 31, 2019 Wind/Rain Storm. Represents preliminary costs associated with the February 7, 2020 Wind Storm.
 - Represents preliminary costs associated with the April 13, 2020 Wind storm. (e) (g) -
 - Sum of Column (a) + (b) + (c) + (d) + (e).
- May 2020 amounts are not reflected due to the financial records are not closed for the month.

Attachment PUC 1-1
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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 the Division's First Set of Informal Data Requests

Issued on May 18, 2020

Division Informal 1-6

Request:

Please provide a more complete explanation of what occurred in the accounting of the Renewable Energy Growth program PBI credits which resulted in revenues being overstated in 2018 and 2019, as noted in footnote 1 of the Income Statement on page 3 of the filing.

Response:

The PBI credit transactions for the Renewable Energy Growth Program are passed from the customer billing system, CSS, to the SAP general ledger once a month after the execution of CSS bill group 20. The CSS billing cycle does not finish until after midnight. When bill group 20 occurs on the last day of the month, the CSS transactions are passed to SAP the following day which could be the first day of the next month.

Example:

- Nov 2018 CSS bill group 20 was on 11/29/2018. Payment transactions were sent to SAP after midnight. SAP processed those transactions with a November date.
- Dec 2018 CSS bill group 20 was on 12/31/2018. Payment transactions were sent to SAP after midnight. SAP processed those transactions with a January date.
- Jan 2019 CSS bill group 20 was on 1/30/2019. Payment transactions were sent to SAP after midnight. SAP processed those transactions with a January date.
- Dec 2019 CSS bill group 20 was on 12/31/2019. Payment transactions were sent to SAP after midnight. SAP processed those transactions with a January date.
- Jan 2020 CSS bill group 20 was on 1/30/2020. Payment transactions were sent to SAP after midnight. SAP processed those transactions with a January date.

The result is both December 2018 and January 2019 PBI credits were posted to SAP in January 2019 and both December 2019 and January 2020 PBI credits were posted to SAP in January 2020. Therefore, as noted in footnote 1 of the Income Statement on Page 3, the CY 2019 electric earnings report includes a net normalizing adjustment to reduce Other Revenue by \$0.8 million to properly reflect the December 2018 and December 2019 PBI credits in the periods in which they were incurred: (1) reduce CY 2019 revenue by \$1.8 million of December 2019 PBI credits posted in January 2020, and (2) increase CY 2019 revenue by \$1.0 million to normalize for December 2018 PBI credits posted in January 2019.

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Division Informal 1-7

Request:

With respect to operating costs actually incurred in calendar year 2020 through April, please describe the cost incurrence trends being seen by the Company in light of the COVID shutdown, compared to what reasonable expectations were prior to the onset of the COVID shutdown. In answering this request, please distinguish between costs that are fully reconcilable and those that are embedded in the revenue requirement that established base distribution rates for Year 2 of the rate plan.

Response:

The Company's major cost trends observed in light of the COVID-19 economic shutdown have related to:

Capital stranding costs

The COVID-19 pandemic has impacted the ability to complete the capital workplan as certain capital work has been delayed/rescheduled due to limitations during the event. We expect to see internal labor that would have completed capital work charged to Opex rather than capital since the capital work has been delayed and re-phased. This incremental Opex expense was not contemplated as part of the work plan prior to the onset of the COVID-19 shutdown. As the rate allowance is set assuming a normalized test-year level of labor and benefits charged to operating expense, this shift in labor from capital work to Opex work will drive underperformance (or unrecovered Opex) against the level of Opex labor embedded in distribution base rates. Our current base rates assumed a split of 44.82% Opex / 55.18% Capex for Gas and 46.60% Opex / 53.40% Capex for Electric. Any reduction to capital labor resulting from this shift would be reconciled and returned to customers through the FY 2021 ISR reconciliation filing, thereby ensuring customers are not harmed by lower capital costs but leaving the Company with an under-recovery of labor costs.

Indirect costs on the Company's bad debt expense related to the effects on the broader economy

Many of the Company's customers are impacted by the shutdown and the increased estimate in uncollectible accounts drove an increase expense beyond that which would have been incurred under normal conditions. For ratemaking and regulated earnings reporting purposes, the level of uncollectible expense recovery included in base distribution rates is based on an historical average of customer account write-offs net of recoveries. As shutoff moratoriums continue and customers take advantage of various repayment plan options outlined in the Company's

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Customer Assistance Plan in RIPUC Docket No. 5022, the Company may not know the impact of COVID-19 on net write-offs until well into CY 2021. However, the Company continues to see the aging of arrears and the amount of arrears in >60 days and >120 days buckets growing, foreshadowing a significant increase in the potential future bad debt.

Cash working capital

An additional outcome of COVID-19's financial impact on customers is the effect on customer payment lag and the resulting impact on the Company's available cash working capital. The Company anticipates cash working capital needs will exceed the level expected prior to COVID-19 driven by an increase in customer payment lag. The anticipated increase in customer payment lag will be partially mitigated through the recovery of actual cash working capital requirements on electric commodity costs included in the Company's Standard Offer Service Administrative Cost Factors filed annually with the PUC as part of the Company's Annual Retail Rate Filing. The gas commodity-related cash working capital allowance collected through the annual Gas Cost Recovery charge is calculated using the customer payment lag established in the most recent rate case, not the actual payment lag. From a regulated distribution earnings perspective, the level of delivery-related cash working capital reflected in rate base is tempered to the level of cash working capital approved in the Company's most recent distribution rate case, so while regulated earnings would reflect no impact of potential increases in actual cash working capital requirements, actual cash constraints could impact the scheduling of work and financing costs.

<u>Direct and incremental costs to conduct operations consistent with Center for Disease Control guidelines for safe operations</u>

As responded to regarding Division Informal 1-5 in RIPUC Docket No. 5022, the Company has incurred \$3.4M of incremental costs in March and April 2020 to conduct operations consistent with Center for Disease Control guidelines for safe operations. These costs include the purchase of personal protective equipment, enhanced facilities cleaning, sequestering control room personnel, implementing our Customer Assistance Plan, and other workforce expenses. None of these operating costs are currently reconcilable or recovered in base rates.

Employee travel expenses

The Company has restricted travel to office locations and in between offices. With these restrictions, the Company has observed a decrease in employee expenses and travel related expenses. Employee travel expenses are generally not reconcilable except for programmatic costs such as Gas Business Enablement where the Company is deferring any difference in actual operating expenses versus the rate allowance and may include some employee travel expenses.

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The above response contemplates solely the nature of the costs incurred to date; however, it should be noted that the Company is actively monitoring regional mandates, health, and safety information to incorporate into its plan forward for the "new normal," which will likely require some of the incremental costs such as making offices and operational sites safe for the return of Company employees, personal protective equipment, cleaning, and other costs types to continue until an effective vaccine is created and implemented widely for COVID-19.

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Division Informal 1-8

Request:

Referring to the Income Statement on page 2, line 15, the line item "Distribution," the expense shown in the 2019 earnings report is \$26,169,442. By comparison, the same line item in the 2018 earnings report is \$29,169,442. Please explain why this item of expense decreased by over \$3 million from calendar year 2018 to calendar year 2019.

Response:

Distribution expense decreased by over \$3 million from calendar year 2018 to calendar year 2019 mostly due to the presentation of Account 870 "Operation Supervision and Engineering" on Page 323 "Gas Operation & Maintenance Expenses" of the Company's Annual Reports.

The Company's December 31, 2018 Annual Report contained \$1,695,794 in Account 870 under the Distribution Expenses account hierarchy. The December 31, 2019 Annual Report contained \$1,864,919 in Account 870, but the account moved from Distribution Expenses to Transmission Expenses, in line with the current Electronic Code of Federal Regulations (eCFR) account hierarchy published online.

For convenience of review, Attachment DIV Informal 1-8 contains Page 323 of the Company's December 31, 2018 and December 31, 2019 Annual Reports, as well as the current eCFR account hierarchy.

Had the account hierarchy remained the same from calendar year 2018 to calendar year 2019, Distribution expense would have decreased by \$1 million rather than \$3 million.

	2018	2019	Inc/(Dec)
Transmission	\$1,140,245	\$2,551,617	\$1,411,372
less Account 870		(\$1,864,919)	(\$1,864,919)
	\$1,140,245	\$686,698	(\$453,547)
Distribution	\$29,303,308	\$26,169,442	(\$3,133,867)
plus Account 870		\$1,864,919	\$1,864,919
	\$29,303,308	\$28,034,361	(\$1,268,948)

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Division Informal 1-9

Request:

Referring to the Income Statement on page 2, line 18, the line item "Administrative and General," the expense shown in the 2019 earnings report is \$35,196,593. By comparison, the same line item in the 2018 earnings report is \$39,242,635. Please explain why this item of expense decreased by over \$4 million from calendar year 2018 to calendar year 2019.

Response:

There are four primary drivers of the \$4.3 million decrease in Administrative and General Expenses from calendar year 2018 to calendar year 2019.

- (1) Employee Pensions and Benefits decreased \$6.6 million resulting from the decrease in rate allowance approved in the RIPUC Docket No. 4770 settlement agreement. Prior to the settlement agreement, the rate allowance was set at \$7.7 million for Pensions and \$4.3 million for Post-Retirement Benefits Other than Pensions (PBOP). Effective September 1, 2018, the settlement agreement reset the rate allowances at \$3.3 million for Pensions and (\$1.2) million for PBOPs, a cumulative \$6.6 million decrease.
- (2) Employee Pensions and Benefits decreased an additional \$5.8 million because the Company did not change the rate allowance on its books at September 1, 2018 but instead made a one-time \$2.6 million decrease to Pensions and a \$3.2 million decrease to PBOPs at fiscal year-end, March 31, 2019. The Company has further determined that \$3.3 million of that adjustment is out of period (September through December 2018) and should be removed from the 2019 Earnings Sharing Mechanism (ESM) and included in 2018. This adjustment will increase the 2018 Return on Equity from 9.02% to 9.68%, and trigger earnings sharings with customers of \$1.0 million. This value will be returned to customers, with interest, through the Company's upcoming Distribution Adjustment Clause (DAC).
- (3) Injuries and Damages increased \$5.9 million due to costs associated with the Aquidneck Island Gas Service Interruption (Aquidneck). While preparing its response to this informal information request, the Company performed a thorough review of the adjustments associated with this incident and determined that \$5 million in insurance claims reserves and claims payments had not been coded to the specific orders created to capture the Aquidneck costs and was therefore not included in the original adjustment. Furthermore, the Company determined it should add back \$2.6 million in non-incremental labor and overheads that should not have been included in the Aquidneck orders. The total Aquidneck adjustment increased \$2.4 million, from \$25.4 million submitted in the original filing, to \$27.8 million.

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(4) A&G Rents increased \$1.6 million as a result of increased Gas Business Enablement costs.

The Company will provide revised calendar year 2018 and calendar year 2019 Earnings Reports with its upcoming Distribution Adjustment Clause filing to be submitted by August 1, 2020.

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Name	of Respondent	This Report Is:	Date of Report	Year Ending
The N	larragansett Electric Company	x An Original	(Mo, Da, Yr)	December 31, 2018
		A Resubmission		
	GAS OPER	RATION AND MAINTENANCE EX	KPENSES (Continued)	
Line			Amount for	Amount for
No.		(a)	Current Year (b)	Previous Year (c)
174	· ·		, ,	
175	Operation			
176	850 Operation Supervision and Engi	-	45,022	
177			-	-
178			_	-
179	854 Gas for Compressor Station Fuel		_	-
180	855 Other Fuel and Power for Comp	ressor Stations	_	-
181	856 Mains Expenses		16,264	-
182	857 Measuring and Regulating Station	2,979	-	
183	858 Transmission and Compression	of Gas by Others	-	-
184	859 Other Expenses		-	-
185	860 Rents		-	-
186	TOTAL Operation (Total of lines 176 thru 185)		19,243	45,022
187	Maintenance			
188	8 861 Maintenance Supervision and Engineering		294,656	151,155
189	862 Maintenance of Structures and I	mprovements	-	-
190	863 Maintenance of Mains		809,893	163
191	864 Maintenance of Compressor Sta	ation Equipment	-	-
192	865 Maintenance of Measuring and	Regulating Station Equipment	16,452	-
193	866 Maintenance of Communication	Equipment	-	-
194	867 Maintenance of Other Equipmer	nt	-	-
195	TOTAL Maintenance (Total of lines	s 188 thru 194)	1,121,001	151,318
196	TOTAL Transmission Expenses (T	otal of lines 186 and 195)	1,140,244	196,340
197	4. DISTRIBUTI	ON EXPENSES		
198	Operation			
199	870 Operation Supervision and Engi	neering	1,695,794	3,379,035
200	871 Distribution Load Dispatching		632,769	916,027
201	872 Compressor Station Labor and I	Expenses	-	-
202	873 Compressor Station Fuel and P	ower	17,909	16,979

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Name	e of Respondent	This Report Is:	Date of Report	Year Ending
	Narragansett Electric Company	x An Original	(Mo, Da, Yr)	December 31, 2019
		A Resubmission	(110, 24, 77)	
	GAS OPER	RATION AND MAINTENANCE EXP	ENSES (Continued)	
Line No.	ine Account		Amount for Current Year	Amount for Previous Year
NO.		a)	(b)	(c)
174	3. TRANSMISS	SION EXPENSES		
175	Operation			
176	·		-	-
177	851 System Control and Load Dispatching		-	-
178	852 Communication System Expenses		-	-
179	854 Gas for Compressor Station Fuel		-	-
180	855 Other Fuel and Power for Compressor Stations		-	-
181	856 Mains Expenses		46,029	16,264
182	857 Measuring and Regulating Stat	on Expenses	1,824	2,979
183	858 Transmission and Compression of Gas by Others		_	-
184	859 Other Expenses		_	-
185	860 Rents		_	-
186	TOTAL Operation (Total of lines 176 thru 185)		47,853	19,243
187	Maintenance			
188	861 Maintenance Supervision and Engineering		96,163	294,656
189	862 Maintenance of Structures and	Improvements	-	-
190	863 Maintenance of Mains		517,314	809,893
191	864 Maintenance of Compressor St	ation Equipment	-	-
192	865 Maintenance of Measuring and	Regulating Station Equipment	25,368	16,452
193	866 Maintenance of Communication	Equipment	-	-
194	867 Maintenance of Other Equipme	nt	-	-
195	870 Operation Supervision and Eng	ineering	1,864,919	1,695,794
196	TOTAL Maintenance (Total of line	s 188 thru 195)	2,503,764	2,816,795
197			2,551,617	2,836,038
198	4. DISTRIBUT	ION EXPENSES		
199	Operation			
200	871 Distribution Load Dispatching		769,259	632,769
201	872 Compressor Station Labor and	Expenses		-
202	873 Compressor Station Fuel and F	'ower	13,677	17,909

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845.2 Power.
845.3 Rents.
845.4 Demurrage charges.
845.5 Wharfage receipts—credit.
845.6 Processing liquefied or vaporized gas by others.
846.1 Gas losses.
846.2 Other expenses.
MAINTENANCE
847.1 Maintenance supervision and engineering.
847.2 Maintenance of structures and improvements.
847.3 Maintenance of LNG processing terminal equipment.
847.4 Maintenance of LNG transportation equipment.
847.5 Maintenance of measuring and regulating equipment.
847.6 Maintenance of compressor station equipment.
847.7 Maintenance of communication equipment.
847.8 Maintenance of other equipment.
3. TRANSMISSION EXPENSES
OPERATION
850 Operation supervision and engineering.
851 System control and load dispatching.
852 Communication system expenses.
853 Compressor station labor and expenses.
854 Gas for compressor station fuel.
855 Other fuel and power for compressor stations.
856 Mains expenses.
857 Measuring and regulating station expenses.
858 Transmission and compression of gas by others.
859 Other expenses.
860 Rents.
MAINTENANCE
861 Maintenance supervision and engineering.
862 Maintenance of structures and improvements.
863 Maintenance of mains.
864 Maintenance of compressor station equipment.
865 Maintenance of measuring and regulating station equipment.
866 Maintenance of communication equipment.
867 Maintenance of other equipment.
870 Operation supervision and engineering.
4. DISTRIBUTION EXPENSES
OPERATION
871 Distribution load dispatching.
872 Compressor station labor and expenses.

873 Compressor station fuel and power (Major only).

874 Mains and services expenses.

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Division Informal 1-9

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