

May 1, 2019

#### VIA HAND DELIVERY & ELECTRONIC MAIL

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

> RE: Docket 4770 – Electric Earnings Report Twelve Months Ended December 31, 2018

Dear Ms. Massaro:

In accordance with Article II, Section 6 of the Amended Settlement Agreement approved by the Rhode Island Public Utilities Commission (PUC) on August 24, 2018, in the above-referenced docket, enclosed are 10 copies of the earnings report for the twelve-month period ended December 31, 2018, for the electric operations of the Company.<sup>1</sup>

Thank you for your attention to this transmittal. If you have any questions regarding this filing, please contact me at 781-907-2153.

Very truly yours,

Celia B. OBnen

Celia B. O'Brien

**Enclosures** 

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

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

# The Narragansett Electric Company Return on Rate Base Return on Common Equity Twelve Months Ended December 31, 2018

Line No.					ve Months Encember 31, 20	-		
1			Base Earnings	_	Actual Earnings	Allowed	Ceiling	
2 3	Return on Distrib	oution Rate Base	1 <u>/</u> 5.61%		<u>2/</u> 6.31%	<u>3/</u> 6.97%	<u>3/</u> 6.97%	
4 5	Return on Distrib	oution Common Equity	6.61%		7.99%	9.28%	9.28%	
6 7 1/	Excludes incentives a	and penalties detailed at Page	2, Lines 3 through 8					
8 2/ 9 3/	Includes incentives de	etailed at Page 2 Ceiling, presented below.						
10 11	This was recuire and	germig, presented sero wi				mended Settlemen owed	t Agreement in Docke Ceilir	
12				_	Cost	Weighted	Cost	Weighted
13			<u>Total</u>		Rate	Cost	Rate	Cost
14 15		Short Term Debt	0.60%		1.76%	0.01%	1.76%	0.01%
16		Long Term Debt	48.35%		4.62%	2.23%	4.62%	2.23%
17 18		Preferred Stock Common Equity	0.10% 50.95%		4.50% 9.275%	0.00% 4.73%	4.50% 9.28%	0.00% 4.73%
19		Common Equity	100.00%		7.21370	6.97%	7.2670	6.97%
20		=				<del></del>		
21				EADNI	ED			
22 23				EAKN	ED Cost	Weighted		Pre-Tax
24		Amount	<u>Total</u>		Rate	Cost	<u>Taxes</u>	Weighted Cost
25	Chara Tarra Daka	¢4.497.011	0.600/		1.760/	0.010/		0.010/
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	Preferred Stock	\$747,835	0.10%		4.50%	0.00%	0.00%	0.00%
29	Common Equity	\$381,022,000	50.95%		6.61%	3.37%	0.77% 5/	4.14%
	5-Quarter Average							
	Distribution Rate Bas							
30	as of Dec 31, 2018	\$747,835,132 4/	100.00%			5.61%	0.77%	6.38%
31 32 4/ 33 5/	Page 4 of 7, Line 37, includes adj. for Flow	Column (f) wthrough Items below						
34 35								
36			EARNINGS, INTEREST	EXPEN	<u>ISE,</u>			
37 38			<u>DERAL INCOME TAX</u> G IMPUTED CAPITAL ST	RUCT	URE			
39					<del></del>			
40						<u>\$000s</u>		
41	PREF. STOCK:	\$747,835,132 X	0.00%		=	\$34 \$16.752		
42 43	INTEREST:	\$747,835,132 X	2.24%	(0)	=	\$16,752		
44	FIT:	\$747,835,132 X	0.90%	(c)	=	\$6,707		
45		Plus: Flowthrough Items		(d)		(\$963)		
46		Total Federal Income Ta	ixes ("FIT")			\$5,744		
47 48	(a)	From Line 28, Column "W	eighted Cost"					
49	(b)	Sum of Lines 26 and 27, C	· ·					
50	(c)	(0.00% + 3.37%) / 79% - (	•					
51	(d)	Flowthrough Items (tax ef						
52		Investment Tax Credit (				(\$4)		
53 54		ITC Basis Reduction De AFUDC Equity Deprecia				\$37 \$42		
55		Unfunded Amortization	ui()ii			\$42 \$650		
56		Amortization of Federal	Rate Change			(\$1,689)		
57								
58						(\$963)		

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

	_	Re	turn on Equity	<u>,                                      </u>	Retu	rn on Rate Ba	se	_
Line	_	Base	Basis	Actual	Base	Basis	Actual	_
No.		Earnings	Points	Earnings	Earnings	Points	Earnings	
		(a)	(b)	(c)	(d)	(e)	(f)	
1	Distribution Operating Income Before Taxes	\$54,348		\$54,348	\$54,348		\$54,348	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	\$47,726		\$54,348	\$47,726		\$54,348	4/
11	Interest Charges	\$16,752		\$16,752	\$16,752		\$16,752	5/
12	Income Taxes @ 21% net of flowthrough	\$5,744		\$7,134	\$5,744		\$7,134	6/
13	-							-
14	Net Income	\$25,231		\$30,462	\$41,982		\$47,213	7/
15	-							-
16	Less: Preferred Stock Requirements	\$34		\$34	\$34		\$34	5/
17	Earnings Available for Common	\$25,197		\$30,428	\$41,982		\$47,213	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	6.61%		7.99%	5.61%		6.31%	9/

#### Notes

- 1/ Page 3 of 7 Line 27
- 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, Lines 42, 41, and 29
- 6/ Page 1 of 7 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

#### **Income Statement**

#### Twelve Months Ended December 31, 2018

(\$000s)

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

#### Notes

- 1/ Excludes excess earnings accrual of \$0 for the 12 month period.
- 2/ 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.
- 3/ Pursuant to Docket 4323 settlement, Company share of Earned Savings equals \$3.25 million annually, ends August 31, 2018, effective with new base rates.
- 4/ Below the line items brought above the line for ratemaking.

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

Line			(a) December		(b) March		(c) June		(d) September		(e) December		(f)
No.	Description		2017		2018		2018		2018		2018	5-Q	uarter Average
1	Utility Plant in Service	\$	1,540,193,364	¢	1,592,127,548	•	1,615,423,659	\$	1,629,530,567	\$	1,647,962,718	¢	1,605,047,571
2	IFA allocated Plant	Φ	1,540,195,504	φ	1,392,127,346	φ	1,013,423,039	φ	1,029,330,307	φ	1,047,902,718	φ	1,003,047,371
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			-,,-,-,-,-		-,-,-,-,-				-,,,				-,,,,,,,,
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		_		_	40.500.004	_		_		_		_	
27	Subtotal	- \$	39,626,947	\$	49,530,026	\$	52,648,609	\$	64,111,863	\$	61,355,006	\$	53,454,490
28	1												
29 30	Less:	¢.	215,503,710	\$	238,209,087	\$	229 (09 205	\$	228,603,982	\$	212 (44 252	\$	224,931,887
31	Accumulated Deferred Federal Income Taxes ("FIT") Accumulated Deferred FIT on Loss for Reacquired Debt	Þ	613,342	Э	363,075	Э	228,698,305 357,663	Э	350,539	Э	213,644,353 344,274	\$	405,778
32	Customer Deposits		8,961,553		363,075 8,769,946		9,370,158		9,535,622		9,706,952		9,268,846
33	•								9,333,622		9,706,932		
33 34	Injuries and Damages Reserve - Uninsured Claims		4,934,361		5,049,297		5,050,202		-		-		3,006,772
35	Subtotal	•	230,012,966	\$	252,391,405		243,476,327	\$	238,490,142	\$	223,695,579	\$	237,613,284
36	Subtotal	φ	230,012,300	φ	232,371,403	φ	273,470,327	φ	230,430,142	φ	223,073,379	φ	237,013,204
37	Rate Base	\$	685,617,114	\$	723,535,494	\$	753,157,768	\$	778,095,720	\$	798,769,565	\$	747,835,132

#### **Line Notes**

### 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	5-0	(f) uarter Average
										-			
1 2	Utility Plant in Service IFA allocated Plant	\$	840,536,616 5,484,673	\$	861,903,434 4,826,887	\$	869,305,373 4,873,107	\$	892,862,522 5,038,313	\$	892,862,522 5,038,313	\$	871,494,093 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			767,761,720		270,707,002		700,117,077	Ψ	1,000,000,001		1,011,700,100	-	, , , , , , , , , , , , , , , , , , ,
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 14	Net Plant in Service		861,384,607	-\$	874,222,396		875,484,830	-\$	893,721,107		895,572,630	\$	880,077,114
15	Net Flait iii Service		801,384,007	Ф	874,222,390	Ф	873,464,630	Φ	693,721,107	<b></b>	693,372,030	Ф.	880,077,114
16	Plus:												
17	Materials and Supplies	\$	2,708,039	\$	2,818,410	\$	2.724.125	\$	2,803,897	\$	3,106,046	\$	2,832,103
18	Prepayments	*	860,846	-	495,593	-	2,571,463	-	1,673,869	-	41,883	_	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		-		-		-		-,,		-,,		-
22	Unamortized Interest Rate Lock		1,280,704		\$1,309,922		\$1,294,758		\$1,279,593		\$1,264,429		\$1,285,881
23	Unamortized Debt Issuance Costs (\$550M)		677,568		\$613,718		\$598,576		\$583,433		\$568,290		\$608,317
24	Unamortized Debt Issuance Costs (\$250M 2012)		562,432		\$556,789		\$551,146		\$545,503		\$539,860		\$551,146
25	Unamortized Debt Issuance Costs (\$350M 2018)		-		-		-		505,188		492,345		199,507
26													
27	Subtotal	\$	10,241,514	\$	10,552,509	\$	11,747,613	\$	10,492,817	\$	9,853,825	\$	10,577,656
28													
29	Less:												
30	Accumulated Deferred Federal Income Taxes ("FIT")	\$	139,364,226	\$	148,371,113	\$	155,058,171	\$	155,786,483	\$	161,610,078	\$	152,038,014
31	Accumulated Deferred FIT on Loss on Reaquired Debt		346,797		203,309		199,021		196,446		193,011		227,717
32	Customer Deposits		-		-		-		-		-		-
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 37	Rate Base	\$	731,915,098	\$	736,200,484	\$	731,975,250	\$	748,230,996	\$	743,623,367	\$	738,389,039

#### Line Notes

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

Description			(a)	(b)	(c)	(d)	(e)	(f)
Utility Plant in Service	Line	Description	December	March	June	September	December	5 Overten Avere
Fixed pattern   Fixed patter	NO.	Description	2017	2018	2018	2018	2018	5-Quarter Average
Block Island Transmission System (BITS) Assets   111,730,475   110,056,768   110,056,768   111,602,579   111,602,579   111,608	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   \$2,497,945,090   \$2,568,914,637   \$2,600,573,258   \$2,639,033,961   \$2,659,946,123   \$2,593,282,614   \$6   \$6   \$6   \$6   \$6   \$6   \$6   \$	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	3	Block Island Transmission System (BITS) Assets		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								
Less: Contribution in Aid of Construction   C22,216   S32,062   482,252   S57,062   S57,062   S41,244   Less: Accumulated Depreciation   773,876,957   778,893,967   791,035,773   802,037,888   811,833,898   791,543,496   Less: FA allocated Depreciation   1,722,878   1,032,064   1,045,087   1,085,039   1	-	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   708,038   3,026,582   3,568,138   4,186,929   4,815,416   3,161,021   795,898,538   795,898,598,598,598,598,598,598,598,598,5	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 775,807,873 782,991,613 795,648,998 807,309,853 817,734,553 795,898,538 181   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    Plus:  Materials and Supplies 6,404,020 \$7,824,262 \$7,196,269 \$6,916,020 \$7,476,714 \$7,163,457    Prepayments 2,383,330 \$1,380,640 7,192,662 \$4,660,725 \$116,589 \$3,146,789    Cash Working Capital - Commodity & Gross Receipts Tax \$2,868,328 \$32,926,823 \$32,926,824 \$32,926,823 \$32,926,823 \$32,926,823 \$32,926,823 \$32,926,823	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   S	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
Plus:	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
Materials and Supplies   6,404,020   \$7,824,262   \$7,196,269   \$6,916,020   \$7,476,714   \$7,163,457   \$8,76,718								
Prepayments								
Loss on Reacquired Debt   2,743,254   2,697,065   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,688   2,558,499   2,650,877   2,604,689   2,604,689   2,604,689   2,604,689   2,604,689   2,604,689   2,604,689   2,604,689   2,		Materials and Supplies						
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         1,571,507           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         Unamortized Debt Issuance Costs (\$350M 2018)         -         -         -         -         1,108,217         1,080,042         437,652           27         Subtotal         \$49,868,461         \$60,082,534         \$64,396,222         \$74,604,680         \$71,208,831         \$6		1 7				, ,	*	, ,
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         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         1,41,697         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           27         Subtotal         \$49,868,461         \$60,082,534         \$64,396,222         \$74,604,680         \$71,208,831         \$64,032,146           28         Less:         -         -         -         -         -         -         -         -         -         -         -         -         <	19		2,743,254		, ,		2,558,499	, ,
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         Less:         3         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         Accumulated Deferred FIT on Loss on Reaquired Debt         960,139         566,384         556,684         546,984         537,285         \$633,495           32         Customer Deposits         8,961,553         \$8,769,946         \$9,370,158         \$9,535,622         \$9,706,95								
Unamortized Debt Issuance Costs (\$550M)		· · · · · · · · · · · · · · · · · · ·					* *	, ,
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         Less:           29         Less:         -         -         354,867,936         \$386,580,200         \$383,756,476         \$384,390,465         \$375,254,432         \$376,969,902           31         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         Accumulated Deferred FIT on Loss on Reaquired Debt         960,139         566,384         556,684         546,984         537,285         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							, ,	
Unamortized Debt Issuance Costs (\$350M 2018)			, ,		, ,	, ,		, ,
Subtotal		· · · · · · · · · · · · · · · · · · ·	1,471,220	1,456,458	1,441,697			
Subtotal		Unamortized Debt Issuance Costs (\$350M 2018)	-	-	-	1,108,217	1,080,042	437,652
Less:  30 Accumulated Deferred Federal Income Taxes (FIT) 31 Accumulated Deferred FIT on Loss on Reaquired Debt 32 Customer Deposits 33 Injuries and Damages Reserve - Uninsured Claims 34 Subtotal 35 Subtotal 36 Subtotal 36 Less:  36 Accumulated Deferred Federal Income Taxes (FIT) 354,867,936 354,867,936 36 \$386,580,200 388,756,476 384,390,465 384,390,465 384,390,465 384,390,465 384,390,465 384,390,465 385,7254,432 376,969,902 376,969,902 377,285 387,70,158 3								
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         31       Accumulated Deferred FIT on Loss on Reaquired Debt       960,139       566,384       556,684       546,984       537,285       \$ 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         35       Subtotal       \$ 369,723,989       \$ 400,965,827       \$ 398,733,520       \$ 394,473,071       \$ 385,498,668       \$ 389,879,015         36		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         31       Accumulated Deferred FIT on Loss on Reaquired Debt       960,139       566,384       556,684       546,984       537,285       \$ 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       Subtotal       \$ 369,723,989       \$ 400,965,827       \$ 398,733,520       \$ 394,473,071       \$ 385,498,668       \$ 389,879,015         36								
31 Accumulated Deferred FIT on Loss on Reaquired Debt 960,139 566,384 556,684 546,984 537,285 \$ 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 \$0 \$3,006,772  34 35 Subtotal \$369,723,989 \$400,965,827 \$398,733,520 \$394,473,071 \$385,498,668 \$389,879,015								
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       \$0       \$3,006,772         34       \$369,723,989       \$400,965,827       \$398,733,520       \$394,473,071       \$385,498,668       \$389,879,015         36							, . , .	
33       Injuries and Damages Reserve - Uninsured Claims       4,934,361       \$5,049,297       \$5,050,202       \$0       \$0       \$0       \$3,006,772         34       \$35       Subtotal       \$369,723,989       \$400,965,827       \$398,733,520       \$394,473,071       \$385,498,668       \$389,879,015         36       \$369,723,989       \$400,965,827       \$398,733,520       \$394,473,071       \$385,498,668       \$389,879,015		•	,		*	*	*	
34 35 Subtotal \$ 369,723,989 \$ 400,965,827 \$ 398,733,520 \$ 394,473,071 \$ 385,498,668 \$ 389,879,015 36								
35 Subtotal \$ 369,723,989 \$ 400,965,827 \$ 398,733,520 \$ 394,473,071 \$ 385,498,668 \$ 389,879,015 36		Injuries and Damages Reserve - Uninsured Claims	4,934,361	\$5,049,297	\$5,050,202	\$0	\$0	\$ 3,006,772
36			ф	d 400 0 57 05 =	ф. 200 <b>7</b> 22 <b>7</b> 5 <sup>7</sup>	ф. 201.1 <b>5</b> 2.25:	Φ 207 100 777	Φ 200.070.015
		Subtotal	\$ 369,723,989	\$ 400,965,827	\$ 398,733,520	\$ 394,473,071	\$ 385,498,668	\$ 389,879,015
		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**

### ${\bf Calculation\ of\ Excess\ Earnings\ for\ Twelve\ months\ ended\ December\ 31,2018} \end{\bf (\$000)}$

1 2	Base Distribution Earnings Available for Common	\$25,197	(a)					
3	Actual Average Common Equity	\$381,022	(0)					
4 5	Actual Average Common Equity	\$361,022	(a)					
6								Customer
7	Average Annual Return			6.61%	(b)	)		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 mont	ths ending Decemb	er 31, 20	18				\$ -
	-	-					=	

#### Notes

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

#### 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.

for sant	
	May 1, 2019
Joanne M. Scanlon	Date

**Docket No. 4770 - National Grid - Rate Application Service list updated 3/12/2019** 

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Name/Address	E-mail Distribution List	Phone
National Grid	Celia.obrien@nationalgrid.com;	781-907-2153
Celia O'Brien, Esq.	Jennifer.hutchinson@nationalgrid.com;	401-784-7288
Jennifer Hutchinson, Esq.	Najat.coye@nationalgrid.com;	
National Grid	Joanne.scanlon@nationalgrid.com;	
280 Melrose St.	Bill.Malee@nationalgrid.com;	
Providence, RI 02907	Melissa.little@nationalgrid.com;	
	William.richer@nationalgrid.com;	
	Theresa.burns@nationalgrid.com;	
	Ann.leary@nationalgrid.com;	
	Scott.mccabe@nationalgrid.com;	
	Najat.coye@nationalgrid.com;	
	kayte.o'neill2@nationalgrid.com;	
	kate.grant2@nationalgrid.com;	
	Timothy.roughan@nationalgrid.com;	
	Courtney.Lane@nationalgrid.com;	
Adam Ramos, Esq. Hinckley Allen	aramos@hinckleyallen.com;	401-457-5164
Hinckley Allen		
100 Westminster Street, Suite 1500		
Providence, RI 02903-2319		
Division of Public Utilities (Division)	Chetherington@riag.ri.gov;	404-274-4400
Christy Hetherington, Esq. Dept. of Attorney General	Mfolcarelli@riag.ri.gov;	
150 South Main St. Providence, RI 02903	Dmacrae@riag.ri.gov;	
Jonathan Schrag, Deputy Administrator	Jonathan.Schrag@dpuc.ri.gov;	401-780-2140
Division of Public Utilities and Carriers	Leo.Wold@dpuc.ri.gov;	
89 Jefferson Blvd.	John.bell@dpuc.ri.gov;	
Warwick, RI 02888	Ronald.Gerwatowski@dpuc.ri.gov;	
	Al.mancini@dpuc.ri.gov;	
	Thomas.kogut@dpuc.ri.gov;	

Tim Woolf	twoolt(a) synonea anargy com:	
	twoolf@synapse-energy.com;	617-661-3248
Jennifer Kallay	7. 11. 😞	
Synapse Energy Economics 22 Pearl Street	jkallay@synapse-energy.com;	
Cambridge, MA 02139	mwhited@synapse-energy.com;	
Cambridge, MA 02139	jhall@synapse-energy.com;	
David Effron	Djeffron@aol.com;	603-964-6526
Berkshire Consulting	<u>Bjernone uor.com</u> ,	003 701 0320
12 Pond Path		
North Hampton, NH 03862-2243		
Gregory L. Booth, PE, PLS	gbooth@powerservices.com;	919-256-5900
Linda Kushner	,	7 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
PowerServices, Inc.	lkushner@powerservices.com;	
1616 East Millbrook Rd.		
Suite 210		
Raleigh, NC 27609		
Office of Energy Resources (OER)	Andrew.Marcaccio@doa.ri.gov;	401-222-8880
Andrew Marcaccio, Esq.	,	.01 222 0000
Dept. of Administration		
Division of Legal Services		
One Capitol Hill, 4 <sup>th</sup> Floor		
Providence, RI 02908		
Carol Grant, Commissioner	Carol.grant@energy.ri.gov;	401-574-9100
Office of Energy Resources	Christopher.Kearns@energy.ri.gov;	
	Nicholas.Ucci@energy.ri.gov;	
	Becca.Trietch@energy.ri.gov;	
	Carrie.Gill@energy.ri.gov;	
Conservation Law Foundation (CLF)	jelmer@clf.org;	401-228-1904
Jerry Elmer, Esq.		
Max Greene, Esq.	0.10	
Conservation Law Foundation	mgreene@clf.org;	
235 Promenade Street		
Suite 560, Mailbox 28		
Providence, RI 02908		
Dept. of Navy (DON)	kelsey.a.harrer@navy.mil;	757-322-4119
Kelsey A. Harrer, Esq.		
Office of Counsel		
NAVFAC Atlantic, Department of the Navy		
6506 Hampton Blvd.		
Norfolk, VA 23508-1278	The South Long 1999	
Kay Davoodi, Director	khojasteh.davoodi@navy.mil;	
Larry R. Allen, Public Utilities Specialist		
Utilities Rates and Studies Office		
NAVFAC HQ, Department of the Navy 1322 Patterson Avenue SE	larry.r.allen@navy.mil;	
Suite 1000	, , , , , , , , , , , , , , , , , , , ,	
Washington Navy Yard, D.C. 20374		
•		
Ali Al-Jabir	aaljabir@consultbai.com;	
1		
Maurice Brubaker		
Maurice Brubaker Brubaker and Associates New Energy Rhode Island (NERI)	seth@handylawllc.com;	401-626-4839

Seth H. Handy, Esq.	helen@handylawllc.com;	
Handy Law, LLC		
42 Weybosset St.	randelle@handylawllc.com;	
Providence, RI 02903	bdaniels@rileague.org;	401 272-3434
The RI League of Cities and Towns	bdamers & meague.org,	401 272-3434
c/o Brian Daniels, Executive Director		
		404 702 0000
PRISM & WCRPC	jb@wcrpc.org;	401-792-9900
c/o Jeff Broadhead, Executive Director		
Newport Solar	doug@newportsolarri.com;	401.787.5682
c/o Doug Sabetti		
	10	
Green Development, LLC	ab@green-ri.com;	
c/o Hannah Morini	hm@green-ri.com;	
	jdash@cleaneconomydevelopment.com;	
Clean Economy Development, LLC		
c/o Julian Dash	mlucini@ismgroup.com;	401.435.7900
ISM Solar Development, LLC	muchi @ isingroup.com,	401.433.7700
c/o Michael Lucini		
W . 10 V	unger@hrtwd.com;	401.861.1650
Heartwood Group, Inc. c/o Fred Unger		
Energy Consumers Alliance of NE	jamie.rhodes@gmail.com;	401-225-3441
James Rhodes	7	
Rhodes Consulting		
860 West Shore Rd. Warwick, RI 02889	Kat@ripower.org;	-
Walwick, Ki 02009		
Kat Burnham, PPL	larry@massenergy.org;	
Larry Chretien, PPL		
Acadia Center	rfine@crfllp.com;	401-453-6400
Robert D. Fine, Esq.	inne emp.com,	Ext. 115
Chace, Ruttenberg & Freedman, LLP		
One Park Row, Suite 300	aboyd@acadiacenter.org;	617-472-0054
Providence, RI 02903	aboyde acadiacemer.org;	Ext. 102
Amy Boyd, Esq.	ENiedowski@acadiacenter.org;	
Acadia Center		
31 Milk St., Suite 501		
Boston MA 02109-5128		
Northeast Clean Energy Council	jkeoughjr@keoughsweeney.com;	401-724-3600
Joseph A. Keough, Jr., Esq.		
Keough & Sweeney	jdickerson@necec.org;	]
41 Mendon Ave. Pawtucket, RI 02861		
J. Dickerson, NECEC		
,		

The George Wiley Center	jwood@centerforjustice.org;	401-491-1101
Jennifer Wood	georgewileycenterri@gmail.com;	
Rhode Island Center for Justice	Camiloviveiros@gmail.com;	
1 Empire Plaza, Suite 410	<u> </u>	
Providence, RI 02903	chloechassaing@hotmail.com;	
Camilo Viveiros, Wiley Center		
Wal-Mart Stores East & Sam's East, Inc.	mhorne@hcc-law.com;	401-272-3500
Melissa M. Horne, Esq.		
Higgins, Cavanagh & Cooney, LLC		
10 Dorrance St., Suite 400		
Providence, RI 20903		470.004.1504
Gregory W. Tillman, Sr. Mgr./ERA	Greg.tillman@walmart.com;	479-204-1594
Walmart		
AMTRAK	CWatts@mdmc-law.com;	401-519-3848
Clint D. Watts, Esq.	<u> </u>	401-317-3040
Paul E. Dwyer, Esq.	PDwyer@mdmc-law.com;	
McElroy, Deutsch, Mulvaney & Carpenter	r Dwyer@mame-taw.com,	
10 Dorrance St., Suite 700	DW - 1	
Providence, RI 02903	BWeishaar@mcneeslaw.com;	
Robert A. Weishaar, Jr., Esq.	KStark@mcneeslaw.com;	
Kenneth R. Stark, Esq.		
Original & 9 copies file w/:	<u>Luly.massaro@puc.ri.gov</u> ;	401-780-2107
Luly E. Massaro, Commission Clerk	Cynthia.WilsonFrias@puc.ri.gov;	
Public Utilities Commission	Alan.nault@puc.ri.gov;	
89 Jefferson Blvd.	<u>Todd.bianco@puc.ri.gov</u> ;	
Warwick, RI 02888	Sharon.ColbyCamara@puc.ri.gov;	
	Margaret.hogan@puc.ri.gov;	
Interested Persons		
EERMC	marisa@desautelesq.com;	401-477-0023
Marisa Desautel, Esq	guerard@optenergy.com;	
Bob Chatham	bchatham@vcharge-energy.com;	401-742-8264
John DiTomasso, AARP	jditomasso@aarp.org;	401-248-2655
Frank Epps, EDP	Frank@edp-energy.com;	
Matt Davey	mdavey@ssni.com;	
Jesse Reyes	JReyes@brownrudnick.com;	
Nathan Phelps	nathan@votesolar.org;	
Douglas W. Gablinske, TEC-RI	doug@tecri.org;	
Karl Rabago	krabago@law.pace.edu;	
Radina Valova, Pace Energy & Climate Ctr.	rvalova@law.pace.edu;	
Marc Hanks, Sr. Mgr./GRA	Marc.hanks@directenergy.com;	413-642-3575
Direct Energy Services	cwaksler@eckertseamans.com;	
Lisa Fontanella	<u>Lisa.Fontanella@spglobal.com</u> ;	