

June 1, 2021

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, 2020

Responses to PUC Data Requests – Set 1

Dear Ms. Massaro:

On behalf of National Grid¹ I have enclosed an electronic version of the Company's responses to the Public Utilities Commission's First Set of Data Requests in the above-referenced matter.²

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 Tiffany Parenteau, Esq. Leo Wold, Esq.

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

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

PUC 1-1

Request:

Please confirm and explain how the 2020 earnings report treats the Block Island Transmission System surcharge (BITS) and associated imputed costs and revenues.

Response:

Please refer to the income statement included in the calendar year (CY) 2020 Electric Distribution earnings report on Page 3. In Column (c), the Company has excluded the revenue (Line 7) received through the BITS surcharge and actual costs (Lines 9, 10, 12 and 16) directly incurred on BITS assets from its calculation of distribution net operating income.

The BITS-associated imputed costs were not utilized in the calculation of CY 2020 earnings. This calculation is consistent with the treatment in the response to PUC 4-22 in Docket 4770 (issued on October 30, 2020) and the response to PUC 1-9 in Docket 5127 (issued on February 19, 2021).

PUC 1-2

Request:

If the treatment of the BITS costs and revenues in the 2020 earnings report is different than the way the costs and revenues were treated in the initial earnings report that was filed for 2019 on May 6, 2020, please provide an alternative hypothetical calculation and report which treats BITS surcharge and associated imputed costs and revenues in the same manner as the Company treated the these imputed costs and revenues in its initial earnings report filed for calendar year 2019 on May 6, 2020.

Response:

Refer to Attachment PUC 1-2 for the alternative hypothetical calculation and report which treats BITS surcharge and associated imputed costs and revenues in the same manner as the Company treated the imputed costs and revenues in its initial earnings report filed for calendar year 2019 on May 6, 2020.

The Company would note, as stated previously in this docket, that this alternative hypothetical earnings calculation is not consistent with the electric distribution revenue requirement upon which current distribution base rates were established in Docket 4770 where the actual BITS related rate base, revenue and expenses were excluded from the Company's distribution cost of service.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
IN RE: Electric and Gas Distribution 2020 Earning Reports
Attachment PUC 1-2
Page 1 of 7

Page 1 of 7

The Narragansett Electric Company Return on Rate Base - Hypothetical imputed BITS costs Return on Common Equity Twelve Months Ended December 31, 2020

<u>Line</u> <u>No.</u>					Twelve Montl December 3	-		
1			Base Earnings		Actual Earnings	Allowed	Ceiling	
2 3	Return on Distribution F	Rate Base	1/ 8.55%		<u>2/</u> 9.01%	3/ 6.97%	3/ 6.97%	
4 5 6	Return on Distribution C	Common Equity	12.31%		13.28%	9.275%	9.275%	
7 1/ 8 2/ 9 3/	Excludes incentives and pen Includes incentives detailed Allowed Return and Ceiling,	at Page 2	es 3 through 8					
10 11				-		nended Settleme lowed	nt Agreement in Dock Ceilii	
12 13 14			<u>Total</u>		Cost <u>Rate</u>	Weighted <u>Cost</u>	Cost <u>Rate</u>	Weighted <u>Cost</u>
14 15 16 17 18 19 20		Short Term Debt Long Term Debt Preferred Stock Common Equity	0.60% 48.35% 0.10% 50.95% 100.00%		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				E <i>i</i>	ARNED			
23 24 25		<u>Amount</u>	<u>Total</u>		Cost <u>Rate</u>	Weighted <u>Cost</u>	<u>Taxes</u>	Pre-Tax Weighted Cost
26 27	Short Term Debt Long Term Debt	\$5,547,728 \$447,054,385	0.60% 48.35%		1.76% 4.62%	0.01% 2.23%		0.01% 2.23%
28 29	Preferred Stock Common Equity 5-Quarter Average	\$924,621 \$471,094,538	0.10% 50.95%		4.50% 12.31%	0.00% 6.27%	0.00% 1.41% 5/	0.00% 7.68%
30	Distribution Rate Base as of Dec 31, 2020	\$924,621,273 4/	100.00%)		8.52%	1.41%	9.93%
31 32 4/ 33 5/ 34	Page 4 of 7, Line 38, Column includes adj. for Flowthroug	* /						
35 36 37	<u>P</u>	REFERRED STOCK EARN AND FEDERAL	INGS, INTEREST	EXPEN	ISE,			
38 39	<u>C</u>	ALCULATED USING IMPU		TRUCT	<u>URE</u>			
40 41	PREF. STOCK:	\$924,621,273 X	0.00%		=	\$000s \$42		
42 43	INTEREST:	\$924,621,273 X	2.24%		=	\$20,712		
44 45 46 47	FIT:	\$924,621,273 X Plus: Flowthrough Items Total Federal Income Tax	1.67% ses ("FIT")	(d)	=	\$15,432 (\$2,347) \$13,085		
48 49 50 51	(a) (b) (c) (d)	From Line 28, Column "We Sum of Lines 26 and 27, Co $(0.00\% + 6.27\%) / 79\% - (0$ Flowthrough Items (tax effe	olumn "Weighted (0.00% + 6.27%)	Cost".				
52 53 54 55		Investment Tax Credit ("T ITC Basis Reduction Depr AFUDC Equity Depreciat Unfunded Amortization	TC") Amortization reciation ion			\$0 \$0 \$77 \$650		
56 57 58		Amortization of Federal R	ate Change			(\$3,074)		

Page 2 of 7

THE NARRAGANSETT ELECTRIC COMPANY Return on Equity Calculation - Hypothetical imputed BITS costs Return on Rate Base Calculation Twelve Months Ended December 31, 2020

(\$000s)

		Re	turn on Equity		Retu	rn on Rate Bas	se	
Line	<u> </u>	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	\$97,613		\$97,613	\$97,613		\$97,613	1/
2	Adjustments:							
3	Service Quality ("SQ") Penalties Accrued	\$0	0.00%		\$0	0.00%		2/, 3/
4	Energy Efficiency Program Incentive	(\$2,496)	-0.53%		(\$2,496)	-0.27%		3/
5	System Reliability Procurement Incentives	\$0	0.00%		\$0	0.00%		3/
6	LTCRER Incentive	(\$2,447)	-0.52%		(\$2,447)	-0.26%		3/
7	RE Growth Remuneration	(\$460)	-0.10%		(\$460)	-0.05%		3/
8	Performance Incentive Mechanism Incentives	(\$362)	-0.08%		\$0	0.00%		3/
9								•
10	Adjusted Distribution Operating Income Before Taxes	\$91,848		\$97,613	\$92,211		\$97,613	4/
11	Interest Charges	\$20,712		\$20,712	\$20,712		\$20,712	5/
12	Income Taxes @ 21% net of flowthrough	\$13,085	-0.26%	\$14,295	\$13,161	-0.12%	\$14,295	6/
13								
14	Net Income	\$58,052		\$62,606	\$79,050		\$83,318	7/
15								
16	Less: Preferred Stock Requirements	\$42		\$42	\$42		\$42	5/
17	Earnings Available for Common	\$58,011		\$62,565	\$79,050		\$83,318	8/
18	-							•
19	Average Common Equity - 5-Quarter Average	\$471,095		\$471,095	\$924,621		\$924,621	9/
20								
21	Rate of Return on Adjusted Average Common Equity_	12.31%		13.28%	8.55%		9.01%	10/

Notes

- 1/ Page 3 of 7 Line 27
- 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, Lines 42, 41, 29, and 30
- 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/ Calculated using imputed capital structure and cost rates; see Page 1 of 7, Line 29, and Line 30
- 10/ Line 17 ÷ Line 19

Page 3 of 7

THE NARRAGANSETT ELECTRIC COMPANY Income Statement - Hypothetical imputed BITS costs Twelve Months Ended December 31, 2020

(\$000s)

Line		Total	Less: Integrated Facilities Agreement (IFA) Amounts Billed to New England	Less: Actual Block Island Transmission System Credits	Add: Other	Electric Distribution Amount	
No.		Electric Business	Power Co.	and Expenses	Adjustments	Per Schedules	
	·	(a)	(b)	(c)	(d)	(e) = (a)-(b)-(c)+(d)	
1	Revenue - Sales of Electricity	\$345,203				\$345,203	
2	Other Revenue	\$758,105			\$1,764	\$759,869	1/
3	Total Revenue	\$1,103,308				\$1,105,072	
4	Operating Expenses:						
5	Purchased Power	\$380,505				\$380,505	
6	Transmission Wheeling	\$219,880				\$219,880	
7	Transmission Wheeling - IFA and BITS Credit	(\$156,228)	(\$138,857)	(\$17,370)		\$0	
8	Uncollectible Expense	\$37,243			(\$28,405)	\$8,838	
9	Genl & Admin. O&M	\$136,830	\$22,592	\$5,167		\$109,071	
10	All Other Operation & Maintenance ("O&M") expen	\$164,050	\$8,238	\$2,658	(\$887)	\$152,266	2/
11	Company Share of Earned Savings	\$0				\$0	
12	Depreciation	\$84,444	\$24,044	\$3,313		\$57,088	
13	Amortization of Loss on Reacquired Debt	\$771	\$62	\$8	(\$569)	\$133	
14	Amortization - Other	\$845				\$845	
15	Gross Earnings Tax	\$42,662				\$42,662	
16	Municipal Tax	\$49,280	\$16,522	\$1,996		\$30,762	
17	Other Non-Income taxes	\$5,949	\$757			\$5,192	
18	Current and Deferred Income Taxes	\$54,116			(\$54,116)	\$0	
19	Regulatory Debits	\$0				\$0	
20	Accretion Expense	\$0			\$0	\$0	
21	Amortization of ITC	(\$0)	(\$2)	(\$0)		\$2	
22	Interest on Customer Deposits	\$216				\$216	3/
23	Donations	\$0			\$0	\$0	
24 25	Total Operating Expenses	\$1,020,563	(\$66,644)	(\$4,230)	(\$83,977)	\$1,007,460	
26	Net Operating Income	\$82,745					
27	Distribution Operating Income Before Taxes					\$97,613	

Notes

2/

In December 2019, the Renewable Energy Growth (REG) Performance Based Incentive (PBI) credits to solar customers were not recorded until January 2020. No such timing issue in December 2020. The timing differences need to be adjusted.

Add: Dec 2019 REG PBI Payment recorded in Jan 2020 \$1,764,051

	Less: Dec 2020 REG PBI Payment recorded in Jan 2021	\$0
	Total Revenue Normalization Adjustment	\$1,764,051
,	Adjustment to all Other Operation & Maintenance expense	
	Variable Pay	(\$512,818)
	Sales expense	(\$258,524)
	Amortization of Service Company EDIT not charged to NECO Electric	(\$115,905)
	Total Adjustment	(\$887,246)

^{3/} Below the line items brought above the line for ratemaking.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 IN RE: Electric and Gas Distribution 2020 Earning Reports
Attachment PUC 1-2 Page 4 of 7

Page 4 of 7

THE NARRAGANSETT ELECTRIC COMPANY	Rate Base - Electric Distribution - Hypothetical imputed BITS costs	Five Quarter Average
-----------------------------------	---	----------------------

(f) 5-Quarter Average	1,804,855,467	2,496,042 512,556 730,526,398 - 730,526,398	1,076,312,555	2,619,119 1,689,721 1,515,168 17,922,078 43,243,801 1,896,047 790,738 760,849 564,376 617,571	71,619,468 212,953,316 (0) 318,185 10,039,249 223,310,750
(e) December 2020 5-	\$ 1,853,918,047 \$ - - \$ 1,853,918,047 \$	2,496,042 \$ 447,216 739,767,883	\$ 1,116,198,990	\$ 1,242,479 \$ 1,815,446 1,446,046 17,922,078 43,982,259 1,847,041 768,327 729,618 546,836 1,002,109	\$ 71,302,239 \$ \$ 219,694,430 \$
(d) September 2020	\$ 1,823,924,960 - - \$ 1,823,924,960	2,496,042 409,716 736,857,451 - 736,857,451	\$ 1,089,153,836	\$ 1,537,608 1,743,528 1,489,970 17,922,078 43,982,259 1,871,544 778,327 737,940 564,864 1,029,286	\$ 71,657,403 \$ 216,877,909 \$ 312,894 9,641,757 \$ 226,832,559 \$ 933,978,679
(c) June 2020	\$ 1,805,634,575 - - \$ 1,805,634,575	2,496,042 629,316 731,538,027 - - 731,538,027	\$ 1,075,963,275	\$ 4,486,593 3,368,222 1,516,652 17,922,078 43,982,259 1,896,047 788,327 746,263 582,891 1,056,462	\$ 76,345,794 \$ 215,223,121 \$ 318,497 \$ 10,573,489 \$ 226,115,106 \$ 926,193,962
(b) March 2020	\$ 1,786,263,603 - - \$ 1,786,263,603	2,496,042 447,216 723,042,537 - 723,042,537	\$ 1,065,269,892	\$ 2,470,664 1,446,617 1,544,565 17,922,078 43,982,259 1,920,550 798,336 754,585	\$ 71,440,563 \$ 202,803,414 (0) 324,359 9,727,673 \$ 212,855,446 \$ 923,855,009
(a) December 2019	\$ 1,754,536,149 - - \$ 1,754,536,149	2,496,042 629,316 721,426,094 - 721,426,094	\$ 1,034,976,781	\$ 3,358,250 74,791 1,578,604 17,922,078 40,289,969 1,945,033 820,383 820,383 835,842	\$ 67,351,342 \$ 210,167,705 331,507 10,253,679 \$ 220,752,891 \$ 881,575,232
Description	Utility Plant in Service IFA allocated Plant Block Island Transmission System (BITS) Assets Total Distribution Plant	Property Held for Future Use Less: Contribution in Aid of Construction Less: Accumulated Depreciation Less: IFA allocated Depreciation Less: Block Island Transmission System (BITS) Depreciation Total Accumulated Depreciation	Net Plant in Service	Prepayments Prepayments Loss on Reacquired Debt Cash Working Capital Cash Working Capital Cash Working Capital - Commodity & Gross Receipts Tax Unamortized Interest Rate Lock Unamortized Debt Issuance Costs (\$550M) Unamortized Debt Issuance Costs (\$550M 2012) Unamortized Debt Issuance Costs (\$600M 2018) Unamortized Debt Issuance Costs (\$600M 2020)	Subtotal Less: Accumulated Deferred Federal Income Taxes ("FIT") Block Island Transmission System (BITS) ADIT Accumulated Deferred FIT on Loss on Reacquired Debt Customer Deposits Subtotal Rate Base
Line No.	1 2 c 4 c	6 7 8 8 9 10 11 12	13 14 15	2 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	28 33 33 34 35 36 37 38 38

Line Notes
38 Line 14 + Line 28 - Line 36

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
IN RE: Electric and Gas Distribution 2020 Earning Reports
Attachment PUC 1-2
Page 5 of 7

Page 5 of 7

THE NARRAGANSETT ELECTRIC COMPANY Rate Base - Integrated Facilities Agreement (IFA) and Block Island Transmission System (BITS) - Hypothetical imputed BITS costs Five Quarter Average

Description	T in e			(a) December		(b) March		(c) Inne		(d) Sentember		(e) December		(f)
Property Held for Future Controlling	No.	Description		2019		2020		2020		2020		2020	5-0	5-Quarter Average
The All Control Department of the	_	Utility Plant in Service	S	929,607,048	€5	938.232.861	9 €	943.177.517	æ	944.366.192	S	982.754.493	€F.	947.627.622
Block bland Transmission System (BITS) Assets 115,491,155 115,491,	7	IFA allocated Plant	+	6,693,216	+	6,367,947	+	6,366,314	+	6,382,786	+	7,204,993	+	6,603,051
Property Heid for Future Use	ъ	Block Island Transmission System (BITS) Assets		115,340,155		115,491,785		115,645,429		115,702,598		115,727,667		115,581,527
Less: Flore field for Future Use Less: Accommandated Depreciation Less: Accommandated Depreciated Resistance Coast (SSSOM) 2019) Less: Accommandated Depreciated Resistance Coast (SSSOM) 2019 Less: Accommandated Depreciated Resistance Coast (SSSOM) 2018 Less: Accommandated Deferred Federal Incomer Traces (FFITY) Less: Accommandated Deferred Fed	4	Total Transmission Plant	\$	1,051,640,420		1,060,092,593		1,065,189,260	S	1,066,451,576		1,105,687,152		1,069,812,200
Property Held for Foure Use 12,532,019 \$12,532,019	s s													
Less: Accumulated Depreciation 15,054,073 14,2213,131 14,0204,432 14,203,044 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,013,041 15,004,054 14,004,044 14,004,) C	December II. 11 Con Eventure II.		10 522 010		010 523 010		010 523 010		010 523 010	6	10 520 010		12 522 010
Less: Newmalated Depreciation 15,354,673 Less: Newmalated Depreciation 15,354,673 Less: Newmalated Depreciation 15,253,64,134 Less: Newmalated Depreciation 15,253,64,134 Less: Newmalated Depreciation 15,253,64,134 Less: Dock allow Transmission System (BITS) Depreciation 15,253,64,134 Less: Dock allow Transmission System (BITS) Depreciation 16,253,744,134 Less: Dock allow Transmission System (BITS) Depreciation 16,253,254 Less: Dock allow Transmission System (BITS) Depreciation 16,253,254 Less: Depreciation 16,252,744,134 Less: Nate base 17,254,134 Less: Depreciation 18,254,134 Less: Depreciation 19,254,135 Less: Depreciati	~ ×	Property Held for Future Use Less: Contribution in Aid of Construction		12,332,019		\$12,332,019		\$12,332,019		\$12,332,019	A	12,332,019		12,332,019
Less: Block Island Transmission System (BITS) Depreciation Loss-Bock Island Transmission System (BITS) Depreciation Loss-Bock Island Transmission System (BITS) Depreciation Loss-Bock Island Transmission System (BITS) Depreciation Loss Bock Island Transmission System (BITS) Depreciation Net Plant in Service S 918.874.795 S 920.332.546 S 920.676.378 S 912.975.672 S 921.373.795 Plus: Marcinel and Supplies Loss of Receptor State Office State Offi		Less. Commission in Aid of Construction		126 264 673		142 212 121		146 205 423		154 401 306		160 614 354		377 050 771
Less IFA allocated Depreciation	, ۷	Less: Accumulated Depreciation		150,504,075		142,213,131		140,203,432		134,401,200		100,014,334		147,939,77
Less: Block Island Transmission System (BITS) Depreciation	01	Less: IFA allocated Depreciation		1,528,837		1,478,982		1,512,283		1,551,941		1,590,588		1,532,526
Total Accumulated Depreciation 145,297,644 152,292,056 157,044,900 166,007,922 172,087,422 158,042 159,044,900 157,044,900 166,007,922 172,087,422	=	Less: Block Island Transmission System (BITS) Depreciation		7,404,134		8,599,936		9,327,185		10,054,695		10,782,481		9,233,686
Plus: Materials and Supplies \$ 918,874,795 \$ 920,332,563 \$ 920,676,378 \$ 912,975,672 \$ 945,231,749 \$ 923 Plus: Materials and Supplies \$ 2,888,603 \$ 2,577,422 \$ 2,671,012 \$ 2,601,235 \$ 2,642,288 \$ 2,277,422 \$ 2,671,012 \$ 2,601,235 \$ 2,642,288 \$ 2,777,242 \$ 2,671,012 \$ 2,601,235 \$ 2,642,288 \$ 2,642,288 \$ 2,671,012 \$ 2,601,235 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,288 \$ 2,642,289 \$ 2,642,188	12	Total Accumulated Depreciation		145,297,644		152,292,050		157,044,900		166,007,922		172,987,422		158,725,988
Net Plant in Service S 918.874,795 S 920,322,3054 S 920,606,378 S 912,975,0712 S 942,231,749 S 912,374,205 S 912,975,0712 S 920,321,749 S 922,322 S 922,322,322 S 922,322 S 922,322 S 922,322 S 922,322 S 922,322,322 S 922,322	13		•		•		•		•		-		•	
Phis: Materials and Supplies S 2,888,603 S 2,577,422 S 2,671,012 S 2,501,255 S 2,642,285 S 2,2692,982 Prepayments and Supplies Prepayments Prepaymen	4 ;	Net Plant in Service	÷	918,874,795	so.	920,332,563	×	920,676,378	~	912,975,672	~	945,231,749	~	923,618,231
Pures: Pures:<	15	i												
Prepayments	16	Plus:												
Prepayments 73,672 782,936 707,495 82,206 932,732 Loss on Reacquired Debt 37,652,88 37,1480 782,990 764,714 742,943 37,2208 Cash Working Capital - Commodity & Gross Receipts Tax 1,203,771 81,188,607 81,173,442 81,183,278 81,143,114 1,1 Cash Working Capital - Commodity & Gross Receipts Tax 1,203,771 81,188,607 81,173,442 81,183,278 81,143,114 1,1 Unamortized Interest Rate Lock 1,203,771 81,188,607 8481,691 841,514 1,1 Unamortized Debt Issuance Costs (\$520M 2012) 517,287 \$466,998 \$461,848 8456,697 \$451,474 1,1 Unamortized Debt Issuance Costs (\$500M 200) 517,287 \$466,999 \$461,848 8456,697 \$451,474 1,1 1,1 Unamortized Debt Issuance Costs (\$500M 200) 517,287 \$461,848 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,409,948 \$10,	17	Materials and Supplies	S	2,888,603	S	2,577,422	S	2,671,012	↔	2,501,255	S	2,642,285	S	2,656,116
Loss on Reacquired Debt Cash Working Capital Cash Working Cash Cash Cash Cash Cash Cash Cash Cash	18	Prepayments		37,672		733,336		307,495		872,026		932,732		576,652
Cash Working Capital 3,735,588 3,714,801 3,390,619 3,538,884 2,724,192 3 Cash Working Capital - Commodity & Gross Receipts Tax 1,203,71 \$1,188,607 \$1,173,42 \$1,153,78 \$1,143,114 1. Unamortized Interstante Costs (\$550M 2012) 507,719 \$494,068 \$487,880 \$481,697 \$451,547 1. Unamortized Debt Issuance Costs (\$550M 2012) \$17,287 \$466,999 \$461,848 \$456,697 \$451,447 1. Unamortized Debt Issuance Costs (\$500M 2020) \$17,287 \$466,999 \$461,848 \$456,697 \$451,144 1. Unamortized Debt Issuance Costs (\$500M 2020) \$17,287 \$466,999 \$461,848 \$456,697 \$458,114 1. Unamortized Debt Issuance Costs (\$500M 2020) \$17,287 \$461,848 \$11,089,543 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 \$10,409,048 </td <td>19</td> <td>Loss on Reacquired Debt</td> <td></td> <td>795,140</td> <td></td> <td>782,990</td> <td></td> <td>764,714</td> <td></td> <td>745,208</td> <td></td> <td>742,943</td> <td></td> <td>766,199</td>	19	Loss on Reacquired Debt		795,140		782,990		764,714		745,208		742,943		766,199
Cash Working Capital - Commodity & Gross Receipts Tax 1,203,71 \$1,188,607 \$1,173,442 \$1,158,278 \$1,143,114 1. Unamorized Interest Rate Lock Unamorized Interest Rate Lock 507,719 \$494,068 \$487,880 \$481,691 \$475,503 Unamorized Debt Issuance Costs (\$550M) 517,287 \$494,068 \$487,6697 \$451,547 \$456,697 \$451,547 Unamorized Debt Issuance Costs (\$550M 2018) 10,128,749 \$503,422 \$488,319 \$456,697 \$451,144 \$10,409,048 \$10,409	20	Cash Working Capital		3,735,588		3,714,801		3,390,619		3,538,884		2,724,192		3,420,817
Unamortized Interest Rate Lock 1,203,771 \$1,188,607 \$1,173,442 \$1,158,278 \$1,143,114 1. Unamortized Debt Issuance Costs (\$550M) \$67,719 \$494,068 \$487,880 \$481,691 \$475,503 1. Unamortized Debt Issuance Costs (\$550M 2018) \$17,287 \$466,999 \$461,848 \$456,697 \$455,697 \$458,114 Unamortized Debt Issuance Costs (\$550M 2018) \$440,970 \$503,422 \$487,811 \$458,114 \$458,114 Unamortized Debt Issuance Costs (\$560M 2020) \$10,126,749 \$10,461,644 \$10,630,384 \$11,089,543 \$10,409,948 \$10 Subtotal Less: Accumulated Deferred Federal Income Taxes ("FIT") \$140,291,084 \$151,254,113 \$136,938,646 \$133,244,227 \$133,491,140 \$139 Block Island Transmission System (BITS) ADIT \$16,996,425 \$22,021,925 \$2,071,426 \$2,072,927 \$22 Accumulated Deferred FIT on Loss on Reacquired Debt \$166,979 \$164,428 \$155,448,147 \$156,494 \$156,018 Subtotal \$766,488,748 \$757,348,601 \$768,617,068 \$799,921,612	21	Cash Working Capital - Commodity & Gross Receipts Tax		•		i		1		İ		1		1
Unamortized Debt Issuance Costs (\$550M) \$07,719 \$494,068 \$487,880 \$481,691 \$475,503 Unamortized Debt Issuance Costs (\$250M 2012) \$17,287 \$466,999 \$461,848 \$456,697 \$451,547 Unamortized Debt Issuance Costs (\$530M 2018) 440,970 \$503,422 \$488,319 \$473,216 \$488,114 Unamortized Debt Issuance Costs (\$600M 2020) \$10,126,749 \$10,461,644 \$10,630,384 \$11,089,543 \$10,409,948 \$10 Less: Accumulated Deferred Federal Income Taxes ("FIT") \$140,291,084 \$151,254,113 \$136,938,646 \$133,244,227 \$133,491,140 \$130,405,425 \$10,409,948	22	Unamortized Interest Rate Lock		1,203,771		\$1,188,607		\$1,173,442		\$1,158,278		\$1,143,114		1,173,442
Unamortized Debt Issuance Costs (\$520M 2012) \$17,287 \$466,999 \$461,848 \$456,697 \$451,547 Unamortized Debt Issuance Costs (\$550M 2018) 440,970 \$503,422 \$488,319 \$473,216 \$458,114 Unamortized Debt Issuance Costs (\$600M 2020) 5 10,126,749 \$ 10,461,644 \$ 10,630,384 \$ 11,089,543 \$ 10,409,948 \$ 10 Less: Accumulated Deferred Federal Income Taxes ("FIT") \$ 140,291,084 \$ 151,254,113 \$ 136,938,646 \$ 133,244,227 \$ 130,409,948 \$ 130,609,648 \$ 130,409,448 \$ 130,609,648 \$ 130,409,448 \$ 130,44,227 \$ 133,491,140 \$ 130,409,448 \$ 156,494 156,018 \$ 156,494 156,018 \$ 156,494 156,018 \$ 156,494 \$ 156,116 \$ 160,500 \$ 156,494 \$ 156,116 \$ 156,494 \$ 156,494 \$ 156,116 \$ 156,4	23	Unamortized Debt Issuance Costs (\$550M)		507,719		\$494,068		\$487,880		\$481,691		\$475,503		489,372
Unamortized Debt Issuance Costs (\$350M 2018) 440,970 \$503,422 \$488,319 \$473,216 \$458,114 Unamortized Debt Issuance Costs (\$600M 2020) - \$885,054 \$862,287 \$839,520 Subtotal 5 10,126,749 \$ 10,461,644 \$ 11,089,543 \$ 10,409,948 \$ 13,5324,227 \$ 10,409,948 \$ 133,244,227 \$ 133,491,140 \$ 139,6425 22,021,925 22,047,426 22,072,927 22,072,927 22,047,426 22,047,426 22,047,426 22,072,927 22,072,927 22,047,426 22,047,426 156,018 156,018 156,018 156,494 156,018 156,018 156,494 156,018 156,018 156,494 156,018 156,018 164,428 164,428 164,428 156,494 156,018 156,018 156,494 156,018 156,018 156,494 156,018 156,018 156,494 156,494 156,008 156,494 156,494 156,494 156,008 156,494 156,494 156,494 156,494 15	24	Unamortized Debt Issuance Costs (\$250M 2012)		517,287		\$466,999		\$461,848		\$456,697		\$451,547		470,875
Unamortized Debt Issuance Costs (\$600M 2020) S885,054 \$885,054 \$862,287 \$839,520 Subtotal Subtotal 10,126,749 10,461,644 10,630,384 11,089,543 10,409,948 10,409,942 10,409,944 10,409,948 10,409,942 10,409,944 10,409,944 10,409,948 10,409,942 10,409,944 10,409,944 10,409,944 10,409,944	25	Unamortized Debt Issuance Costs (\$350M 2018)		440,970		\$503,422		\$488,319		\$473,216		\$458,114		472,808
Less: Accumulated Deferred Federal Income Taxes ("FIT") \$ 10,126,749 \$ 10,461,644 \$ 10,630,384 \$ 11,089,543 \$ 10,409,948 \$ 10,409,948 \$ 10,630,384 \$ 11,089,543 \$ 10,409,948 <	56	Unamortized Debt Issuance Costs (\$600M 2020)		1		1		\$885,054		\$862,287		\$839,520		517,372
Less: Accumulated Deferred Federal Income Taxes ("FIT") \$ 10,126,749 \$ 10,461,644 \$ 10,630,384 \$ 11,089,543 \$ 10,409,948 <	27													
Less: Accumulated Deferred Federal Income Taxes ("FIT") \$ 140,291,084 \$ 151,254,113 \$ 136,938,646 \$ 133,244,227 \$ 133,491,140 \$ 133,491,140 \$ 8 133,244,227 Accumulated Deferred FIT on Loss on Reacquired Debt 21,894,733 21,996,425 22,021,925 22,021,925 22,021,925 22,047,426 22,072,927 Accumulated Deferred FIT on Loss on Reacquired Debt 166,979 164,428 166,590 156,494 156,018 Customer Deposits 5 162,352,797 \$ 173,414,965 \$ 159,121,161 \$ 155,448,147 \$ 155,720,084 \$ 155,720,084 Rate Base 8 766,648,748 8 757,379,241 8 772,185,601 8 768,617,068 8 799,921,612 \$ 155,448,147	28	Subtotal	S	10,126,749	\$	10,461,644	\$	10,630,384	S	11,089,543	\$	10,409,948	\$	10,543,654
Less: Accumulated Deferred Federal Income Taxes ("FIT") \$ 140,291,084 \$ 151,254,113 \$ 136,938,646 \$ 133,244,227 \$ 133,491,140 \$ 8	59													
Accumulated Deferred Federal Income Taxes ("FIT") \$ 140,291,084 \$ 151,254,113 \$ 136,938,646 \$ 133,244,227 \$ 133,491,140 \$ 8	30	Less:												
Block Island Transmission System (BITS) ADIT 21,894,733 21,996,425 22,021,925 22,021,925 22,047,426 22,072,927 Accumulated Deferred FIT on Loss on Reacquired Debt 166,979 164,428 164,428 156,494 156,018 Customer Deposits 5 162,352,797 \$ 173,414,965 \$ 159,121,161 \$ 155,448,147 \$ 155,720,084 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	31	Accumulated Deferred Federal Income Taxes ("FIT")	S	140,291,084	S	151,254,113	S	136,938,646	S	133,244,227	S	133,491,140	S	139,043,842
Accumulated Deferred FIT on Loss on Reacquired Debt 166,979 164,428 160,590 156,494 156,018 Customer Deposits - - - - - - Subtotal \$ 162,352,797 \$ 173,414,965 \$ 159,121,161 \$ 155,448,147 \$ 155,720,084 \$ Rate Base \$ 766,648,748 \$ 757,379,241 \$ 772,185,601 \$ 768,617,068 \$ 799,921,612 \$	32	Block Island Transmission System (BITS) ADIT		21,894,733		21,996,425		22,021,925		22,047,426		22,072,927		22,006,687
Customer Deposits Customer Deposits Subtotal	33	Accumulated Deferred FIT on Loss on Reacquired Debt		166,979		164,428		160,590		156,494		156,018		160,902
Subtotal \$ 162,352,797 \$ 173,414,965 \$ 159,121,161 \$ 155,448,147 \$ 155,720,084 \$ Rate Base \$ 766,648,748 \$ 757,379,241 \$ 772,185,601 \$ 768,617,068 \$ 799,921,612 \$	34	Customer Deposits		1								1		1
Subtotal S 102,322,797 S 173,414,962 S 129,121,161 S 153,448,147 S 153,20,084 S 8 766,648,748 S 757,379,241 S 772,185,601 S 768,617,068 S 799,921,612 S	35		6		6		6		6		6		6	1010101
\$ 766,648,748 \$ 757,379,241 \$ 772,185,601 \$ 768,617,068 \$ 799,921,612 \$	37	Subtotal	A	167,352,797	•	1/3,414,965	æ	159,121,161	•	155,448,147	A	155,720,084	A	161,211,431
	38	Rate Base	S	766,648,748	S	757,379,241	S	772,185,601	S	768,617,068	S	799,921,612	S	772,950,454

Line Notes 38 Line 14 + Line 28 - Line 36

Page 6 of 7

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

Line		(a) December	(b) March	(c) June	(d) Sentember	(e) December	(f)
No.	Description	2019	2020	2020	2020	2020	5-Quarter Average
-	Utility Plant in Service	\$ 2,684,143,197	\$ 2,724,496,464	\$ 2,748,812,092	\$ 2,768,291,152	\$ 2,836,672,540	\$ 2,752,483,089
7	IFA allocated Plant	6,693,216	6,367,947	6,366,314	6,382,786	7,204,993	6,603,051
3	Block Island Transmission System (BITS) Assets	115,340,155	115,491,785	115,645,429	115,702,598	115,727,667	115,581,527
4	Total Utility Plant in Service	\$ 2,806,176,569	\$ 2,846,356,196	\$ 2,870,823,835	\$ 2,890,376,536	\$ 2,959,605,199	\$ 2,874,667,667
S							
9							
7	Property Held for Future Use	\$ 15,028,061	\$ 15,028,061	\$ 15,028,061	\$ 15,028,061	\$ 15,028,061	\$ 15,028,061
∞	Less: Contribution in Aid of Construction	629,316	447,216	629,316	409,716	447,216	512,556
6	Less: Accumulated Depreciation	857,790,767	865,255,668	877,743,459	891,258,737	900,382,237	878,486,174
10	Less: IFA allocated Depreciation	1,528,837	1,478,982	1,512,283	1,551,941	1,590,588	1,532,526
11	Less: Block Island Transmission System (BITS) Depreciation	7,404,134	8,599,936	9,327,185	10,054,695	10,782,481	9,233,686
12	Total Accumulated Depreciation	866,723,738	875,334,587	888,582,927	902,865,373	912,755,305	889,252,386
13							
4	Net Plant in Service	\$ 1,953,851,576	\$ 1,985,602,454	\$ 1,996,639,653	\$ 2,002,129,508	\$ 2,061,430,739	\$ 1,999,930,786
15							
16	Plus:						
17	Materials and Supplies	\$ 6,246,853	\$ 5,048,086	\$ 7,157,606	\$ 4,038,863	\$ 3,884,764	\$ 5,275,234
18	Prepayments	112,463	2,179,953	3,675,717	2,615,554	2,748,178	2,266,373
19	Loss on Reacquired Debt	2,373,744	2,327,555	2,281,366	2,235,178	2,188,989	2,281,366
20	Cash Working Capital	21,657,666	21,636,879	21,312,697	21,460,962	20,646,270	21,342,895
21	Cash Working Capital - Commodity & Gross Receipts Tax	40,289,969	43,982,259	43,982,259	43,982,259	43,982,259	43,243,801
22	Unamortized Interest Rate Lock	3,148,824	3,109,157	3,069,490	3,029,822	2,990,155	3,069,490
23	Unamortized Debt Issuance Costs (\$550M)	1,328,103	1,292,395	1,276,207	1,260,018	1,243,829	1,280,110
24	Unamortized Debt Issuance Costs (\$250M 2012)	1,353,129	1,221,584	1,208,111	1,194,637	1,181,164	1,231,725
25	Unamortized Debt Issuance Costs (\$350M 2018)	967,342	1,104,340	1,071,210	1,038,080	1,004,950	1,037,184
26	Unamortized Debt Issuance Costs (\$600M 2020)		•	1,941,516	1,891,573	1,841,629	1,134,944
27							
78	Subtotal	\$ 77,478,092	\$ 81,902,208	\$ 86,976,178	\$ 82,746,946	\$ 81,712,187	\$ 82,163,122
53							
30	Less:						
31	Accumulated Deferred Federal Income Taxes (FIT)	\$ 350,458,789	\$ 354,057,527	\$ 352,161,766	\$ 350,122,136	\$ 353,185,569	\$ 351,997,157
32	Block Island Transmission System (BITS) ADIT	21,894,733	21,996,425	22,021,925	22,047,426	22,072,927	22,006,687
33	Accumulated Deferred FIT on Loss on Reacquired Debt	498,486	488,787	479,087	469,387	459,688	479,087
34	Customer Deposits	10,253,679	9,727,673	10,573,489	9,641,757	9,999,649	10,039,249
36	Sultotal	\$ 383 105 688	\$ 386.270.411	196 986 388 8	307 080 785	\$ 385 717 832	\$ 384 522 181
37	Subjectal						
38	Rate Base	\$ 1,648,223,980	\$ 1,681,234,251	\$ 1,698,379,564	\$ 1,702,595,748	\$ 1,757,425,094	\$ 1,697,571,727

Line Notes 38 Line 14 + Line 28 - Line 36

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 IN RE: Electric and Gas Distribution 2020 Earning Reports Attachment PUC 1-2 Page 7 of 7

Page 7 of 7

THE NARRAGANSETT ELECTRIC COMPANY

Calculation of Excess Earnings for Twelve months ended December 31, 2020 - Hypothetical imputed BITS costs (\$000)

Line								
1 2	Base Distribution Earnings Available for Common	\$58,011	(a)					
3								
4	Actual Average Common Equity	\$471,095	(a)					
5								Constant
6 7	Average Annual Return			12.3100%	(b)	١		Customer Share
8	Average Amidai Return		=	12.310070	(0)	,	-	Share
9	ROE in 50%/50% Bandwith (>9.275%, <10.275%)			1.0000%	*	50.00%	=	0.5000%
10	ROE in 75%/25% Bandwith (>10.275%)			2.0350%		75.00%	=	1.5263%
11							-	
12	Total Customer ROE Sharing							2.0263%
13	Actual Average Common Equity						_	\$471,095
14								
15	Actual Annual Customer Shared Earnings							\$9,546
16	Tax Gross-up						_	/ 79.00%
17								
18	Annual Customer Shared Earnings - Pre-tax							\$12,084
19								*12 00 1
20	Total Customer Shared Earnings for the twelve months e	ending Decen	iber 3	31, 2020			_	\$12,084

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

PUC 1-3

Request:

Referring to line 10, column e, why did O&M expenses decrease by over \$27 million from \$182,622 in 2019 to \$154,924 in 2020 (contributing to the increase in the Base Earnings return on equity from 7.96% to 10.74%). Please provide a schedule comparing the relevant categories of O&M expenses that materially decreased from 2019 to 2020.

Response:

Refer to the table below for the O&M expense categories that materially decreased from CY 2019 to CY 2020:

Major Decrease in Operation and Maintenance Expenses Twelve Months Calendar 2020 vs Calendar 2019

(\$ millions)

	Category	CY 2020	CY 2019	Decrease
		(a)	(b)	(c)=(a)-(b)
1	Energy Efficiency	\$88.1	\$109.4	(\$21.3)
2	Non-deferrable Storms and Amortization of Storm Fund Deferral	\$31.8	\$35.5	(\$3.7)
3	IFA Annual True-up	(\$3.1)	\$2.9	(\$6.0)
4	Total	\$116.8	\$147.8	(\$31.0)

PUC 1-4

Request:

Please indicate what return on equity the Company will be reporting to investors for its Rhode Island "distribution business" for fiscal year 2021.

Response:

As stated on page 34 of National Grid plc's "2020/21 Full Year Results Statement," found at: https://www.nationalgrid.com/document/141786/download, the return on equity the Company reported to investors for its Rhode Island "distribution business" for fiscal year 2021 was 10.0%.

As shown on Line 21 (c) of the return on equity calculation in the calendar year (CY) 2020 Electric Distribution earnings report on Page 2, the Actual Return on Equity is 11.71% which is 171 basis points higher than 10.0% above. Please refer to Attachment PUC 1-4 which reconciles Actual Earnings in calendar year 2020 to the return on equity the Company reported in its 2020/21 Full Year Results Statement referenced above. Reconciling items that are not solely attributable to timing differences in reporting periods are noted as "non-timing".

The largest reconciling items between CY 2020 and FY 2021 earnings are uncollectible expense inclusion difference of (\$4.9) million, net income related to BITS investments of \$5.6 million and the difference in Integrated Facilities Agreement (IFA) exclusion of (\$8.6) million.

The total is negative \$7.9 million which represents approximately negative 168 basis points of return on equity. Since March 2020, the Company has experienced significantly increased cost of customer accounts receivable that it will be unable to collect as a result of the COVID-19 pandemic and the executive orders and PUC orders restricting the Company's collection activities. As a result, the write offs related to customer termination are lower than usual. The \$(4.9) million adjustment for uncollectible expense represents the variance between the bad debt write offs included in the Actual Earnings in CY 2020 and the bad debt expense included in the ROE reported to investors for FY 2021. The Company's revenue requirement on BITS investments is ultimately recovered from Narragansett Electric's retail customers through FERCregulated transmission rates, and therefore, is excluded from the calculation of RIPUC-regulated electric distribution earnings. However, for management reporting purposes, the portion of BITS-related net income attributable to the recovery of operating expenses is recorded as distribution earnings, as the Company considers BITS assets to be distribution assets. The difference in IFA exclusion is primarily due to the difference in Transmission-related expenses allocated through the IFA compared to A&G expense recorded to the Transmission business for management reporting purposes.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
In Re: Electric and Gas 2020 Earning Reports
Attachment PUC 1-4
Page 1 of 1

THE NARRAGANSETT ELECTRIC COMPANY

Return on Electric Distribution Common Equity Reconciliation Regulated Earnings for the twelve months ended Dec 31, 2020 and Financial Earnings for the twelve months ended Mar 31, 2021

	Description	Reference	CY 2020/ FY 2021	
	Earnings Reconciliation			
1	Base Earnings Available for Common per ESM at Dec 31		\$50.6	
2	Incentive revenue		\$5.8	
3	Income tax on incentive revenue		(\$1.2)	
4	Actual Earnings Available for Common per ESM at Dec 31	Sum of Line 1 through Line 3	\$55.2	
5				
6	Reconciling Items:			
7	Additional RDM Revenue included in Finance ROE Jan thru Mar		\$0.7	timing
8	Excess ADIT amortization excluded from Finance ROE		\$3.2	non-timing
9	Bad debt expense included in Finance ROE versus net write-offs incl	uded in ESM	(\$4.9)	non-timing
10	Net Income from BITS included in Finance ROE		\$5.6	non-timing
11	Difference between IFA exclusion in ESM and Transmission busines	s segment in Finance ROE	(\$8.6)	non-timing
12	Variable pay and Sales expense included in ROE versus excluded fro	m ESM	(\$0.8)	non-timing
13	Additional Income Taxes Computed for Finance ROE		(\$0.2)	imputed/flowthrough
14	Other Differences due to different period coverage		(\$3.0)	timing
15	Earnings Available for Common per ROE at March 31	Sum of Line 4 through Line 14	\$47.2	
16				
17	Rate Base Reconciliation			
18	Rate Base at Dec 31 per ESM		\$957.5	
19	Reconciling Items:			
20	Net Plant Additions in 3 months (Jan-March)		\$23.7	timing
21	Difference on Prepaids and Inventory		(\$2.7)	timing
22	Difference on Commondity CWC		(\$2.1)	timing
				non-timing (BITS); timing
23	Difference on ADIT (due to BITS)		(\$30.8)	(all other)
24	Difference on Customer Deposit & Unamortized items		\$4.0	timing
25				
26	Rate Base at March 31 per ROE	Sum of Line 18 through Line 24	\$949.6	
27				
28	Rate Base at March 31 PY per ROE		\$895.0	
29				
30	Average Rate Base			
31	Per ESM (five-quarter average)	Per ESM	\$924.6	
32	Per ROE (year over year average)	Average of Line 26 and Line 28	\$922.3	
33				
34	Average Equity Rate Base			
35	Per ESM	Line 31 * 50.95%	\$471.1	
36	Per ROE	Line 32 * 51%	\$469.9	
37				
38	Return (Actual Earnings)			
39	Per ESM	Line 4 ÷ Line 35	11.71%	
40	Per ROE	Line 15 ÷ Line 36	10.0%	

Notes

 $ESM = CY\ 2020$ annual distribution earnings report to RIPUC ROE = earnings reported in FY 2021 NG plc Annual Report

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

June 1, 2021 Date

National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST) Combined Service list updated 4/1/2021

ennifer.hutchinson@nationalgrid.com;	
initer indicinison e national graceom,	781-907-2153
ndrew.marcaccio@nationalgrid.com;	401-784-7288
elia.obrien@nationalgrid.com;	
ajat.coye@nationalgrid.com;	
oanne.scanlon@nationalgrid.com;	
ill.Malee@nationalgrid.com;	
heresa.burns@nationalgrid.com;	
·	
ancy.israel@nationalgrid.com;	
ramos@hinckleyallen.com;	401-457-5164
abib@keeganwerlin.com:	617-951-1400
,	
eo.Wold@dpuc.ri.gov;	401-780-2140
hristy.Hetherington@dpuc.ri.gov;	
largaret.L.Hogan@dpuc.ri.gov;	
i h r c a ii a c a	ndrew.marcaccio@nationalgrid.com; elia.obrien@nationalgrid.com; njat.coye@nationalgrid.com; anne.scanlon@nationalgrid.com; ll.Malee@nationalgrid.com; eresa.burns@nationalgrid.com; nn.leary@nationalgrid.com; ott.mccabe@nationalgrid.com; te.grant2@nationalgrid.com; mothy.roughan@nationalgrid.com; son.Small@nationalgrid.com; nnie.raffetto@nationalgrid.com; nncy.israel@nationalgrid.com; amos@hinckleyallen.com; abib@keeganwerlin.com; o.Wold@dpuc.ri.gov; uristy.Hetherington@dpuc.ri.gov;

89 Jefferson Blvd.	John.bell@dpuc.ri.gov;	
Warwick, RI 02888	Linda.George@dpuc.ri.gov;	
	Al.mancini@dpuc.ri.gov;	
	Thomas.kogut@dpuc.ri.gov;	_
Tim Woolf	twoolf@synapse-energy.com;	617-661-3248
Jennifer Kallay		
Synapse Energy Economics	jkallay@synapse-energy.com;	
22 Pearl Street	mwhited@synapse-energy.com;	
Cambridge, MA 02139		
David Effron	Djeffron@aol.com;	603-964-6526
Berkshire Consulting		
12 Pond Path		
North Hampton, NH 03862-2243	shoothy a @ smoil same	010 441 6440
Gregory L. Booth, PLLC 14460 Falls of Neuse Rd.	gboothpe@gmail.com;	919-441-6440
Suite 149-110		010 010 1616
Raleigh, N. C. 27614		919-810-1616
Linda Kushner		
L. Kushner Consulting, LLC		
514 Daniels St. #254		
Raleigh, NC 27605		
Office of Energy Resources (OER)	Albert.Vitali@doa.ri.gov;	401-222-8880
Albert Vitali, Esq.		401-222-0000
Dept. of Administration	nancy.russolino@doa.ri.gov;	
Division of Legal Services	Christopher Veerne Cananay ri cay	_
One Capitol Hill, 4 th Floor	Christopher.Kearns@energy.ri.gov;	
Providence, RI 02908	Nicholas.Ucci@energy.ri.gov;	
	Becca.Trietch@energy.ri.gov;	
	Carrie.Gill@energy.ri.gov;	
	Yasmin.Yacoby.CTR@energy.ri.gov;	
Conservation Law Foundation (CLF) Jerry Elmer, Esq.	jelmer@clf.org;	401-228-1904
Max Greene, Esq.	mgreene@clf.org;	
Conservation Law Foundation	ingreene well.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		
1.01101K, 111 23300 1210		L

Var David di Dinastan	labolooteb daysoodi@naayyarila	
Kay Davoodi, Director	khojasteh.davoodi@navy.mil;	
Larry R. Allen, Public Utilities		
Specialist		
Utilities Rates and Studies Office	larry.r.allen@navy.mil;	1
NAVFAC HQ, Department of the Navy	larry.r.anen@navy.mm,	
1322 Patterson Avenue SE		
Suite 1000		
Washington Navy Yard, D.C. 20374		
Ali Al-Jabir	aslishin@aanaulthai aanu	
	aaljabir@consultbai.com;	
Maurice Brubaker		
Brubaker and Associates		
New Energy Rhode Island (NERI)	seth@handylawllc.com;	401-626-4839
Seth H. Handy, Esq.	,	
Handy Law, LLC	helen@handylawllc.com;	
	,	
42 Weybosset St.		
Providence, RI 02903		
	bdaniels@rileague.org;	401 272-3434
The RI League of Cities and Towns		
c/o Brian Daniels, Executive Director		
,		
PRISM & WCRPC	11.0	401 702 0000
c/o Jeff Broadhead, Executive Director	jb@wcrpc.org;	401-792-9900
C/O Jeff Broadhead, Executive Director		
Newport Solar	doug@newportsolarri.com;	401.787.5682
-	doug@newportsolarri.com,	401.767.3062
c/o Doug Sabetti		
	hm@graan ri aami	
Green Development, LLC	hm@green-ri.com;	
c/o Hannah Morini		
Clean Economy Development, LLC	jdash@cleaneconomydevelopment.com	
c/o Julian Dash	•	
ISM Solar Development, LLC	mlucini@ismgroup.com;	401.435.7900
c/o Michael Lucini	,	
C/O Witchael Euchii		
Handens A.C.	ymaan@hetyyd aami	401.861.1650
Heartwood Group, Inc.	unger@hrtwd.com;	401.801.1030
c/o Fred Unger		
Enorgy Consumors Alliance of NE	iomio rhodos@amoil.com	401-225-3441
Energy Consumers Alliance of NE	jamie.rhodes@gmail.com;	401-223-3441
James Rhodes		
Rhodes Consulting		
860 West Shore Rd.]
Warwick, RI 02889		
	larry@massanaray.org	
Larry Chretien, PPL	larry@massenergy.org;	
,,		

Acadia Center Robert D. Fine, Esq. Chace, Ruttenberg & Freedman, LLP	rfine@crfllp.com;	401-453-6400 Ext. 115
One Park Row, Suite 300 Providence, RI 02903	aboyd@acadiacenter.org;	617-472-0054 Ext. 102
Amy Boyd, Esq. Acadia Center 31 Milk St., Suite 501 Boston MA 02109-5128		
Northeast Clean Energy Council Joseph A. Keough, Jr., Esq.	jkeoughjr@keoughsweeney.com;	401-724-3600
Keough & Sweeney 41 Mendon Ave. Pawtucket, RI 02861	jmcdiarmid@necec.org;	
Jeremy McDiarmid, NECEC	dbosley@necec.org;	
Dan Bosley, NECEC Sean Burke	sburke@necec.org;	
The George Wiley Center	jwood@centerforjustice.org;	401-491-1101
Jennifer Wood Rhode Island Center for Justice	georgewileycenterri@gmail.com;	
1 Empire Plaza, Suite 410	Camiloviveiros@gmail.com;	
Providence, RI 02903	chloechassaing@hotmail.com;	
Camilo Viveiros, Wiley Center		
Wal-Mart Stores East & Sam's East,	mhorne@hcc-law.com;	401-272-3500
Inc. Melissa M. Horne, Esq. Higgins, Cavanagh & Cooney, LLC 10 Dorrance St., Suite 400		
Providence, RI 20903	Greg.tillman@walmart.com;	479-204-1594
Gregory W. Tillman, Sr. Mgr./ERA Walmart		
AMTRAK Clint D. Watts, Esq.	CWatts@mdmc-law.com;	401-519-3848
Paul E. Dwyer, Esq. McElroy, Deutsch, Mulvaney &	PDwyer@mdmc-law.com;	
Carpenter	BWeishaar@mcneeslaw.com;	
10 Dorrance St., Suite 700 Providence, RI 02903	KStark@mcneeslaw.com;	
Robert A. Weishaar, Jr., Esq. Kenneth R. Stark, Esq.	, and the second	

Original & O copies file w/s	Luly massara@pya ri gayı	401-780-2107
Original & 9 copies file w/:	Luly.massaro@puc.ri.gov;	401-780-2107
Luly E. Massaro, Commission Clerk Public Utilities Commission	Cynthia.WilsonFrias@puc.ri.gov;	
89 Jefferson Blvd.	Alan.nault@puc.ri.gov;	
Warwick, RI 02888	Todd.bianco@puc.ri.gov;	
Waiwick, Ki 02000	Margaret.hogan@puc.ri.gov;	
	John.harrington@puc.ri.gov;	
DOCKET NO. 4780	John.narrington & puc.n.gov,	
DOCKET TO THOS		
ChargePoint, Inc.	EPare@brownrudnick.com;	617-856-8338
Edward D. Pare, Jr., Esq.	,	
Brown Rudnick LLP	jreyes@brownrudnick.com;	
One Financial Center		
Boston, MA 02111	Anne.Smart@chargepoint.com;	
,	Kevin.Miller@chargepoint.com;	
Anne Smart, Charge Point, Inc.	zzz i ministra e di mi goponiu com,	
Direct Energy	cwaksler@eckertseamans.com;	617-342-6800
Craig R. Waksler, Esq.	rmmurphy@eckertseamans.com;	
Eckert Seamans Cherin & Mellott, LLC	dclearfield@eckertseamans.com;	413-642-3575
Two International Place, 16th Floor	Marc.hanks@directenergy.com;	
Boston, MA 02110	,	
,		
Marc Hanks, Sr. Mgr./GRA		
Direct Energy Services,		
INTERESTED PERSONS		
EERMC	marisa@desautelesq.com;	401-477-0023
Marisa Desautel, Esq	guerard@optenergy.com;	
John DiTomasso, AARP	iditamassa @aarn argi	401-248-2655
	jditomasso@aarp.org;	401-246-2033
Frank Epps, EDP	Emanla @ adm an anavy agent	
	Frank@edp-energy.com;	
Matt Davey	mdavey@ssni.com;	
Matt Davey Jesse Reyes	mdavey@ssni.com; JReyes@brownrudnick.com;	
Matt Davey Jesse Reyes Nathan Phelps	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org;	
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org;	
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org;	
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr.	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;	412 642 2575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance)	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance)	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org;	413-642-3575
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org; frank@eacpower.com;	
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power Hank Webster	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org; frank@eacpower.com;	
Matt Davey Jesse Reyes Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power Hank Webster Policy Advocate & Staff Attorney	mdavey@ssni.com; JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu; Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org; frank@eacpower.com;	

PPL Electric Utilities	rjreybitz@pplweb.com;	
Ronald Reybitz		
Stephen Breininger	skbreininger@pplweb.com;	