

April 16, 2014

BY HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4473 - National Grid's Proposed FY 2015 Electric Infrastructure, Safety, and Reliability Plan
Response to Division Post-Hearing Data Request

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed ten (10) copies of the Company's response to the Post-Hearing Data Request issued by the Rhode Island Division of Public Utilities and Carriers on April 7, 2014 in the above-referenced matter.

Thank you for your attention to this transmittal. If you have any questions, please contact me at (781) 907-2121.

Very truly yours,



Raquel J. Webster

Enclosure

cc: Docket 4473 Service List
Leo Wold, Esq.
Steve Scialabba, Division
Greg Booth, Division

¹ The Narragansett Electric Company d/b/a National Grid (hereinafter referred to as "National Grid" or the "Company").

Division Post-Hearing Data Request 1-1

Request:

Regarding the issue of invoicing Verizon for ISR vegetation management costs or for storm-related work in Rhode Island, please provide a copy of any invoices or related letters sent to Verizon seeking reimbursement for past costs incurred (storm or veg. mgt), or for a share of FY 2015 ISR budget.

Response:

Please see Attachment 1 to Division Post-Hearing Data Request 1-1, which is a copy of The Narragansett Electric Company's d/b/a National Grid ("the "Company") Annual Tree Trimming Plan ("Tree Trimming Plan") for Rhode Island. The Company sent the attached Tree Trimming Plan to Verizon Communications ("Verizon") on March 24, 2014. Under the terms of the Inter-Company Operating Procedures ("IOP") between the Company and Verizon, Verizon now has 60 days from the date of March 24, 2014 to review the Tree Trimming Plan and to notify the Company of a list of pole lines or major portions thereof, as well as any additional lines or poles, that Verizon agrees to be jointly trimmed. No invoicing will occur until the Company receives Verizon's response, and the Company performs the work, pursuant to the IOP.

Regarding prior storm trimming, the Company is currently compiling storm trimming invoices related to major storm events for calendar years 2010 and 2011, which the Company filed with the Rhode Island Public Utilities Commission (the "PUC") in September 2013. The Company expects to complete its compilation of these invoices by early May 2014, and will contact Verizon to request appropriate reimbursement. The Company will seek additional reimbursement from Verizon related to major storm events that occurred after 2011 once the Company submits costs to the PUC following final accounting of the costs for those storm events.

March 24, 2014

Roland Fortin
Design Administrator
Verizon
459 Main St
Saugus, MA 01906
781 941-7911

Dear Mr. Fortin,

As outlined in Intercompany Operating Procedures ("IOP") J Section 6, we are providing our pruning and hazard tree removal work plan for Rhode Island for fiscal year 2015 (April 1, 2014 to March 31, 2015). The attached list of circuits (Attachment 1) provides the circuit designations for both the pruning and hazard tree removal work plans. You can view the geographic area of each of these circuits online at:

<http://ngrid.maps.arcgis.com/apps/Solutions/s2.html?appid=dbeb6ac2d32f4da89e22a2cee512ca9d>

To navigate the maps, enter the circuit designation into the search tool in the top right corner of the application. The circuits highlighted in purple are scheduled to be pruned, and circuits in orange are scheduled for hazard tree removal work. In addition, we will be providing maps of these circuits in .pdf format on a CD which will be mailed separately. The maps provided on the CD include electrical equipment and other circuit information, but are otherwise identical to the maps provided online.

We have also enclosed as Attachment 2 an Exchange of Notice ("EON") for this work. Pursuant to IOP J Section 6, please provide us, within 60 days, a suitable list of pole lines or major portions thereof that Verizon wants to be trimmed jointly.

Please contact me with any questions.

Regards,

Ryan Moe
Vegetation Specialist
National Grid

Count By Towns

Cndctr Op District Name	Cndctr Tax District Name	Pole Count	Primary Length - Miles
CAPITAL	BARRINGTON	1027	126.6184
CAPITAL	BRISTOL	3453	460.5097
CAPITAL	BURRILLVILLE	29	7.676
CAPITAL	CRANSTON	815	95.138
CAPITAL	EAST PROVIDENCE	933	94.1171
CAPITAL	FOSTER	963	153.8543
CAPITAL	GLOCESTER	4672	820.2819
CAPITAL	JOHNSTON	2311	331.275
CAPITAL	LINCOLN	535	80.9441
CAPITAL	NORTH SMITHFIELD	1529	362.768
CAPITAL	PROVIDENCE	790	76.5588
CAPITAL	SCITUATE	2046	562.7835
CAPITAL	SMITHFIELD	859	115.5046
CAPITAL	WARREN	1922	238.2327
COASTAL	CHARLESTOWN	2579	436.6631
COASTAL	COVENTRY	4695	904.4895
COASTAL	EXETER	1046	257.7453
COASTAL	HOPKINTON	4	0.3408
COASTAL	JAMESTOWN	2187	313.4515
COASTAL	LITTLE COMPTON	1318	193.9292
COASTAL	NARRAGANSETT	2515	398.2662
COASTAL	NORTH KINGSTOWN	475	344.1448
COASTAL	RICHMOND	438	122.6126
COASTAL	SOUTH KINGSTOWN	3158	441.6128
COASTAL	TIVERTON	3642	646.2581
COASTAL	WARWICK	4761	612.8687
COASTAL	WESTERLY	221	31.2986
COASTAL	WEST GREENWICH	2691	683.5424
COASTAL	WEST WARWICK	1436	167.8275

Count by Feeder by Towns
Page 1 of 4

Master CDF	Op District Code	Op District Name	Town Code	Town Name	Pole Count	Primary Length - Miles
49_53_126W54	53	CAPITAL	0645	LINCOLN	535	80.9441
49_53_15F2	53	CAPITAL	0604	CRANSTON	274	51.0377
49_53_15F2	53	CAPITAL	0610	SCITUATE	1613	482.6659
49_53_15F2	53	CAPITAL	0611	FOSTER	43	5.9948
49_53_15F2	56	COASTAL	0612	COVENTRY	306	39.4581
49_53_18F1	53	CAPITAL	0604	CRANSTON	17	1.3721
49_53_18F1	53	CAPITAL	0606	JOHNSTON	662	96.7575
49_53_18F4	53	CAPITAL	0606	JOHNSTON	60	20.9222
49_53_18F7	53	CAPITAL	0601	PROVIDENCE	174	14.5725
49_53_18F7	53	CAPITAL	0604	CRANSTON	392	31.4272
49_53_18F7	53	CAPITAL	0606	JOHNSTON	198	21.7157
49_53_18F8	53	CAPITAL	0601	PROVIDENCE	18	2.7869
49_53_18F8	53	CAPITAL	0606	JOHNSTON	535	67.1586
49_53_18F9	53	CAPITAL	0601	PROVIDENCE	617	59.1994
49_53_18F9	53	CAPITAL	0606	JOHNSTON	11	0.5977
49_53_20F1	53	CAPITAL	0603	EAST PROVIDENCE	294	23.5108
49_53_20F2	53	CAPITAL	0603	EAST PROVIDENCE	641	70.5715
49_53_26W1	53	CAPITAL	0641	BURRILLVILLE	24	7.2656
49_53_26W1	53	CAPITAL	0642	NORTH SMITHFIELD	1188	294.709
49_53_26W7	53	CAPITAL	0642	NORTH SMITHFIELD	348	68.059
49_53_34F2	53	CAPITAL	0610	SCITUATE	43	9.3842
49_53_34F2	53	CAPITAL	0611	FOSTER	14	0.9379
49_53_34F2	53	CAPITAL	0614	GLOCESTER	2571	411.5324
49_53_34F2	53	CAPITAL	0641	BURRILLVILLE	3	0.321
49_53_34F3	53	CAPITAL	0610	SCITUATE	66	11.3101
49_53_34F3	53	CAPITAL	0611	FOSTER	896	146.2196
49_53_34F3	53	CAPITAL	0614	GLOCESTER	497	78.2397
49_53_38F1	53	CAPITAL	0607	SMITHFIELD	839	106.2307

Count by Feeder by Towns
Page 2 of 4

49_53_38F1	53	CAPITAL	0610	SCITUATE	127	22.9397
49_53_38F1	53	CAPITAL	0614	GLOCESTER	1607	330.5098
49_53_38F1	53	CAPITAL	0641	BURRILLVILLE	2	0.0894
49_53_38F3	53	CAPITAL	0606	JOHNSTON	885	124.1233
49_53_38F3	53	CAPITAL	0607	SMITHFIELD	48	9.2739
49_53_51F1	53	CAPITAL	0623	BRISTOL	1029	150.4556
49_53_51F2	53	CAPITAL	0623	BRISTOL	875	99.7263
49_53_51F3	53	CAPITAL	0623	BRISTOL	829	103.819
49_53_5F1	53	CAPITAL	0621	WARREN	20	1.5031
49_53_5F1	53	CAPITAL	0622	BARRINGTON	1027	126.6184
49_53_5F2	53	CAPITAL	0621	WARREN	1073	146.2488
49_53_5F3	53	CAPITAL	0621	WARREN	378	41.3951
49_53_5F3	53	CAPITAL	0623	BRISTOL	482	64.4133
49_53_5F4	53	CAPITAL	0621	WARREN	477	49.0857
49_53_5F4	53	CAPITAL	0623	BRISTOL	376	42.0955
49_56_14F1	56	COASTAL	0605	WARWICK	809	84.9478
49_56_14F2	56	COASTAL	0605	WARWICK	465	53.1549
49_56_14F3	56	COASTAL	0605	WARWICK	228	21.2931
49_56_14F3	56	COASTAL	0608	WEST WARWICK	107	12.2256
49_56_14F4	56	COASTAL	0605	WARWICK	265	28.4777
49_56_17F1	56	COASTAL	0636	NARRAGANSETT	1086	198.535
49_56_17F1	56	COASTAL	0637	SOUTH KINGSTOWN	50	3.5312
49_56_17F2	56	COASTAL	0636	NARRAGANSETT	1158	155.9353
49_56_17F2	56	COASTAL	0637	SOUTH KINGSTOWN	44	4.6078
49_56_17F3	56	COASTAL	0636	NARRAGANSETT	241	19.475
49_56_17F3	56	COASTAL	0637	SOUTH KINGSTOWN	370	43.0565
49_56_22F1	56	COASTAL	0605	WARWICK	156	36.0937
49_56_22F1	56	COASTAL	0608	WEST WARWICK	344	45.5968
49_56_22F1	56	COASTAL	0612	COVENTRY	110	16.8109

Count by Feeder by Towns
Page 3 of 4

49_56_22F4	56	COASTAL	0605	WARWICK	448	68.5515
49_56_22F4	56	COASTAL	0608	WEST WARWICK	312	47.4512
49_56_29F1	53	CAPITAL	0604	CRANSTON	132	11.301
49_56_29F1	56	COASTAL	0605	WARWICK	147	12.3154
49_56_29F1	56	COASTAL	0608	WEST WARWICK	673	62.5539
49_56_29F2	56	COASTAL	0605	WARWICK	129	12.8249
49_56_33F1	56	COASTAL	0624	TIVERTON	1042	131.8806
49_56_33F2	56	COASTAL	0624	TIVERTON	1042	154.338
49_56_33F3	56	COASTAL	0624	TIVERTON	1562	360.0395
49_56_33F3	56	COASTAL	0625	LITTLE COMPTON	1318	193.9292
49_56_3F1	56	COASTAL	0605	WARWICK	883	119.9336
49_56_3F2	56	COASTAL	0605	WARWICK	840	120.6502
49_56_45J2	56	COASTAL	0629	JAMESTOWN	312	35.5208
49_56_45J4	56	COASTAL	0629	JAMESTOWN	494	58.4949
49_56_45J6	56	COASTAL	0629	JAMESTOWN	331	57.7611
49_56_54F1	53	CAPITAL	0603	EAST PROVIDENCE	2	0.0348
49_56_54F1	53	CAPITAL	0610	SCITUATE	201	36.4836
49_56_54F1	53	CAPITAL	0611	FOSTER	11	0.702
49_56_54F1	56	COASTAL	0612	COVENTRY	3555	710.6057
49_56_54F1	56	COASTAL	0639	WEST GREENWICH	8	1.2446
49_56_57J1	56	COASTAL	0605	WARWICK	109	7.4957
49_56_57J3	56	COASTAL	0605	WARWICK	361	47.1302
49_56_59F2	56	COASTAL	0637	SOUTH KINGSTOWN	795	93.4953
49_56_59F3	56	COASTAL	0636	NARRAGANSETT	62	5.9393
49_56_59F3	56	COASTAL	0637	SOUTH KINGSTOWN	1814	284.2855
49_56_63F3	56	COASTAL	0612	COVENTRY	640	114.2627
49_56_63F3	56	COASTAL	0639	WEST GREENWICH	375	53.5385
49_56_63F6	56	COASTAL	0612	COVENTRY	86	23.3521
49_56_63F6	56	COASTAL	0632	RICHMOND	438	122.6126

Count by Feeder by Towns
Page 4 of 4

49_56_63F6	56	COASTAL	0634	EXETER	1046	257.7453
49_56_63F6	56	COASTAL	0635	HOPKINTON	4	0.3408
49_56_63F6	56	COASTAL	0639	WEST GREENWICH	2310	628.7593
49_56_65J12	56	COASTAL	0629	JAMESTOWN	468	78.9904
49_56_65J2	56	COASTAL	0629	JAMESTOWN	592	82.6843
49_56_68F3	56	COASTAL	0631	WESTERLY	221	31.2986
49_56_68F3	56	COASTAL	0633	CHARLESTOWN	2579	436.6631
49_56_68F3	56	COASTAL	0637	SOUTH KINGSTOWN	97	12.6365
49_56_84T3	56	COASTAL	0613	NORTH KINGSTOWN	475	344.1448
49_56_84T3	56	COASTAL	0636	NARRAGANSETT	24	18.3816

List of Feeders

Cycle Prune Circuits

Circuit	Ops. District	State	Substation	Total Circuit Length	Total OH Length	Total 3 Phase OH Length
49_53_126W54	Capital	Rhode Island	WASHINGTON	21.6859848	14.3022727	7.3
49_53_15F2	Capital	Rhode Island	HOPE	64.28768926	62.43484835	15.75
49_53_18F1	Capital	Rhode Island	JOHNSTON	20.58598481	17.45946966	9.44
49_53_18F4	Capital	Rhode Island	JOHNSTON	2.085037874	1.545454542	1.55
49_53_18F7	Capital	Rhode Island	JOHNSTON	18.00965905	16.149053	9.11
49_53_18F8	Capital	Rhode Island	JOHNSTON	13.45719694	12.961553	3.94
49_53_18F9	Capital	Rhode Island	JOHNSTON	12.17689391	11.43295452	7.24
49_53_20F1	Capital	Rhode Island	PHILLIPSDALE	7.261742409	6.735227259	4.47
49_53_20F2	Capital	Rhode Island	PHILLIPSDALE	14.92859845	13.2929924	7.14
49_53_26W1	Capital	Rhode Island	WOONSOCKET	37.72291659	31.03049236	12.1
49_53_26W7	Capital	Rhode Island	WOONSOCKET	10.68162877	8.783712103	6.68
49_53_34F3	Capital	Rhode Island	CHOPMIST	49.22102262	48.7624999	14.14
49_53_38F1	Capital	Rhode Island	PUTNAM PIKE	81.2571968	75.54488621	20.83
49_53_38F3	Capital	Rhode Island	PUTNAM PIKE	25.72443176	24.33390146	8.86
49_53_51F1	Capital	Rhode Island	BRISTOL	28.59678024	26.43446964	10.6
49_53_51F2	Capital	Rhode Island	BRISTOL	21.52499996	20.26571965	11.9
49_53_51F3	Capital	Rhode Island	BRISTOL	21.72897723	18.72518935	10.47
49_53_5F1	Capital	Rhode Island	WARREN	26.73446964	24.86988631	9.32
49_53_5F2	Capital	Rhode Island	WARREN	27.841856	25.61515146	11
49_53_5F3	Capital	Rhode Island	WARREN	22.46571965	20.45681814	8.17
49_53_5F4	Capital	Rhode Island	WARREN	27.78446964	18.97651511	6.48
49_56_14F1	Coastal	Rhode Island	DRUMROCK	20.53011359	18.68371208	7.09
49_56_14F2	Coastal	Rhode Island	DRUMROCK	13.11761361	11.48409089	5.26
49_56_14F3	Coastal	Rhode Island	DRUMROCK	10.81325755	7.68825756	5.24
49_56_14F4	Coastal	Rhode Island	DRUMROCK	11.16041664	7.143939379	5.36
49_56_17F1	Coastal	Rhode Island	WAKEFIELD	35.46041659	27.98655297	10.44
49_56_17F2	Coastal	Rhode Island	WAKEFIELD	38.2820075	29.61515145	14.37
49_56_17F3	Coastal	Rhode Island	WAKEFIELD	18.61837117	14.62689391	8.46
49_56_22F1	Coastal	Rhode Island	KENT COUNTY	21.62291662	16.74242421	6.5
49_56_22F4	Coastal	Rhode Island	KENT COUNTY	27.96174237	20.01363632	6.29
49_56_29F1	Coastal	Rhode Island	NATICK	29.35643933	21.53333329	9.76
49_56_29F2	Coastal	Rhode Island	NATICK	4.195833325	3.239015145	2.96
49_56_33F1	Coastal	Rhode Island	TIVERTON	31.13503781	27.94981055	10.92
49_56_33F2	Coastal	Rhode Island	TIVERTON	31.110606	25.29602267	8.36
49_56_33F3	Coastal	Rhode Island	TIVERTON	92.96818162	76.93219681	23.29
49_56_3F1	Coastal	Rhode Island	APPONAUG	21.60928026	21.02272723	6.61
49_56_3F2	Coastal	Rhode Island	APPONAUG	21.25113632	20.68863632	6.71
49_56_45J2	Coastal	Rhode Island	ELDERED	10.23522725	7.514962106	1.41
49_56_45J4	Coastal	Rhode Island	ELDERED	17.99715905	11.82556816	7.27
49_56_45J6	Coastal	Rhode Island	ELDERED	15.05075754	8.503030285	2.13
49_56_57J1	Coastal	Rhode Island	LAKEWOOD	2.355681813	2.27859848	1.51
49_56_57J3	Coastal	Rhode Island	LAKEWOOD	7.633143924	7.633143924	2.59
49_56_59F2	Coastal	Rhode Island	PEACEDALE	25.07575752	18.36988633	8.76
49_56_59F3	Coastal	Rhode Island	PEACEDALE	82.60018922	56.80776503	14.73
49_56_65J12	Coastal	Rhode Island	CLARKE STREET	14.93920451	11.02159089	4.18
49_56_65J2	Coastal	Rhode Island	CLARKE STREET	13.45738634	12.12140149	6.35
49_56_68F3	Coastal	Rhode Island	KENYON	89.21950739	84.74696952	17.85
49_56_84T3	Coastal	Rhode Island	DAVISVILLE	20.13257572	19.9018939	19.9

EHTM Circuits

Circuit	Ops. District	State	Substation	Total Circuit Length	Total OH Length	Total 3 Phase OH Length
49_53_34F2	Capital	Rhode Island	CHOPMIST	79.24109832	77.37026499	22.27
49_56_54F1	Coastal	Rhode Island	COVENTRY	121.6513255	115.9579543	29.45
49_56_63F3	Coastal	Rhode Island	HOPKINS HILL	30.64431812	29.50511357	8.56
49_56_63F6	Coastal	Rhode Island	HOPKINS HILL	132.8626891	127.2719694	34.73

*Circuit lengths in miles

**EHTM work is not performed on the entire circuit. It is typically done from the substation out to the first protective device and on 3 phase sections of the line.



605-A
Form 6024

JOINT OWNERSHIP - EXCHANGE OF NOTICE

(Return within 10 days for items 1 to 7)

(Return upon completion for items 8 to 12)

To: VERIZON NE SAUGUS MA From: RYAN MOE 781 907 3086 DATE: 03/26/14
Rep: VERIZON NE Office: SAUGUS VZ Job #
Fax: 781-907-5715 Fax: NGRID Job # TBD

SCHEDULE

ITEM	NATURE OF NOTICE OR REQUEST	ITEM	NATURE OF NOTICE OR REQUEST
1	APPLICATION TO PURCHASE INTEREST	7	INTENT TO INCREASE VOLTAGE
2	APPLICATION TO SELL INTEREST	8	NOTICE OF NON-STANDARD CONDITIONS
3	NOTICE OF INTENT TO ERECT NEW POLES	9	NOTICE OF CUST: POLE IN NEED OF REPLACEMENT
4	NOTICE OF INTENT TO REPLACE JO POLES	10	REQUEST TO TRANSFER
5	NOTICE OF INTENT TO RELOCATE POLES	11	OTHER AS DETAILED BELOW
6	NOTICE OF INTENT TO ABANDON POLES	X 12	TRIM

Give locations and descriptions of items checked

JOINT TRIMMING

PROJECT Rhode Island FY 2015 Annual pruning and hazard tree removal work plan

MUNICIPALITY Various in RI EXCHANGE

Street	From Pole...		% OF TRIM		...To Pole	
	NGRID	VZ	NG	VZ	NGRID	VZ
Various	Per attached list and associated maps		75%	25%	Per attached list and associated maps	
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		
			0%	0%		

PURPOSE: This list represents National Grid's Rhode Island area FY15 annual pruning and hazard tree removal plan

SIGNED BY:

Ryan Moe

NATIONAL GRID

VERIZON

March 26, 2014

DATE

DATE

Certificate of Service

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

Copies of this filing will be hand delivered to the RI Public Utilities Commission and to the RI Division of Public Utilities and Carriers.



Joanne M. Scanlon

April 16, 2014

Docket No. 4473 National Grid's FY 2015 Electric Infrastructure, Safety and Reliability Plan - Service List as of 01/07/14

Name/Address	E-mail Distribution	Phone
Thomas Teehan, Esq. National Grid. 280 Melrose St. Providence, RI 02907	Thomas.teehan@nationalgrid.com	401-784-7667
	celia.obrien@nationalgrid.com	
	raquel.webster@nationalgrid.com	
	Joanne.scanlon@nationalgrid.com	
Jennifer Grimsley Ryan Moe Sean Nestor	Jennifer.grimsley@nationalgrid.com	
	Ryan.moe@nationalgrid.com	
	John.nestor@nationalgrid.com	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	Lwold@riag.ri.gov	401-222-2424
	Sscialabba@dpuc.ri.gov	
	Jlanni@dpuc.ri.gov	
	Jshilling@dpuc.ri.gov	
	Jspirito@dpuc.ri.gov	
	dmacrae@riag.ri.gov	
	Jmunoz@riag.ri.gov	
David Effron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	Djeffron@aol.com	603-964-6526
Greg Booth PowerServices, Inc 1616 E. Millbrook Road, Suite 210 Raleigh, NC 27609	gbooth@powerservices.com	919-256-5900
File an original & 11 copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov	401-780-2107
	Cynthia.WilsonFrias@puc.ri.gov	
	Alan.nault@puc.ri.gov	