

February 14, 2012

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4296 – The Narragansett Electric Company, d/b/a National Grid
2012 System Reliability Procurement Plan
Response to Commission Data Request – Set 3**

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's¹ response to Commission 3-1 which was the only data request issued in the Commission's Third Set of Data Requests in the above-captioned proceeding.

Thank you for your attention to this filing. If you have any questions, please feel free to contact me at (401) 784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

cc: Docket 4296 Service List
Jon Hagopian, Esq.
Steve Scialabba, Division

¹ The Narragansett Electric Company d/b/a National Grid.

Commission 3-1

Request:

Please provide a table showing historical yearly and monthly loads in MW for years 2000 - 2011 for both feeders identified in Appendix 4 (Tiverton 33F3 and 33F4 feeders).

Response:

Please see Attachment 1, COMM 3-1 for yearly loads, and Attachment 2, COMM 3-1 for monthly loads.

Prepared by or under the supervision of: Christina Skursky

Tiverton 2000 through 2011 Actual Feeder Peaks

Tiverton Study Area

				Actual Load											
				2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Study Area	Substation	Voltage (kV)	Feeder	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Tiverton	TIVERTON	12.47	33F3	4.23	5.53	6.35	6.16	5.87	6.89	7.49	6.87	6.52	6.89	7.60	8.62
Tiverton	TIVERTON	12.47	33F4	6.22	6.74	7.34	7.37	6.95	7.80	8.53	7.91	8.29	8.08	8.57	9.48

Tiverton 2000 through 2011 Monthly Feeder Peaks

Tiverton Study Area

Monthly Peak Load for 2011				Monthly Peak Load for 2011																Monthly Peak Load for 2011							
Study Area	Substation	Voltage (kV)	Feeder	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
				Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	328	7.08		0.00		0.00		0.00		0.00	235	5.08		0.00	399	8.62	324	7.00	323	6.98	209	4.51	221	4.77
Tiverton	TIVERTON	12.47	33F4	416	8.99		0.00		0.00		0.00		0.00	273	5.90		0.00	441	9.53	349	7.54	349	7.54	255	5.51	275	5.94

Monthly Peak Load for 2010				Monthly Peak Load for 2010																Monthly Peak Load for 2010							
Study Area	Substation	Voltage (kV)	Feeder	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
				Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	265	5.72		0.00	225	4.86	381	8.23	166	3.59	192	4.15	352	7.60	344	7.43	300	6.48	328	7.08	324	7.00	328	7.08
Tiverton	TIVERTON	12.47	33F4	343	7.41		0.00	292	6.31	245	5.29	218	4.71	251	5.42	397	8.57	396	8.55		0.00	353	7.62	353	7.62	353	7.62

Monthly Peak Load for 2009				Monthly Peak Load for 2009																Monthly Peak Load for 2009							
Study Area	Substation	Voltage (kV)	Feeder	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
				Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	255	5.51	245	5.29	242	5.23	199	4.30	182	3.93	167	3.61	211	4.56	272	5.87	319	6.89	221	4.77	203	4.38		0.00
Tiverton	TIVERTON	12.47	33F4	323	6.98	299	6.46	299	6.46	299	6.46	231	4.99	217	4.69	251	5.42	322	6.95	374	8.08	259	5.59	372	8.03		0.00

Monthly Peak Load for 2008				Monthly Peak Load for 2008																Monthly Peak Load for 2008							
Study Area	Substation	Voltage (kV)	Feeder	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
				Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00	263	5.68	163	3.52		0.00		0.00	164	3.54	256	5.53	302	6.52	257	5.55	252	5.44	198	4.28	230	4.97
Tiverton	TIVERTON	12.47	33F4		0.00		0.00	284	6.13		0.00		0.00	217	4.69	327	7.06	384	8.29	293	6.33	269	5.81	274	5.92	294	6.35

Tiverton 2000 through 2011 Monthly Feeder Peaks

Tiverton Study Area

Monthly Peak Load for 2007				Monthly Peak Load for 2007												Monthly Peak Load for 2007											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	233	5.03		0.00	243	5.25	254	5.49	197	4.25	213	4.60		0.00	287	6.20	318	6.87	246	5.31	217	4.69	244	5.27
Tiverton	TIVERTON	12.47	33F4	311	6.72		0.00	274	5.92	357	7.71	256	5.53	269	5.81		0.00	351	7.58	366	7.91	295	6.37	322	6.95	322	6.95

Monthly Peak Load for 2006				Monthly Peak Load for 2006												Monthly Peak Load for 2006											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00		0.00	247	5.33	205	4.43	183	3.95	200	4.32	268	5.79	347	7.49	352	7.60		0.00	202	4.36	225	4.86
Tiverton	TIVERTON	12.47	33F4		0.00		0.00	319	6.89	258	5.57	229	4.95	227	4.90	281	6.07	395	8.53	395	8.53		0.00	202	4.36	284	6.13

				Monthly Peak Load for 2005																							
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	272	5.87	271	5.85	221	4.77	224	4.84	188	4.06	183	3.95	220	4.75	287	6.20	319	6.89	233	5.03	201	4.34	246	5.31
Tiverton	TIVERTON	12.47	33F4		0.00	336	7.26	271	5.85	268	5.79	244	5.27	236	5.10	285	6.16	322	6.95	361	7.80	278	6.00	257	5.55	297	6.41

Monthly Peak Load for 2004				Monthly Peak Load for 2004												Monthly Peak Load for 2004											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00	286	6.18	248	5.36		0.00	193	4.17	175	3.78	229	4.95	272	5.87	273	5.90		0.00	238	5.14		0.00
Tiverton	TIVERTON	12.47	33F4		0.00	332	7.17	296	6.39		0.00	243	5.25	221	4.77	292	6.31	322	6.95	310	6.70		0.00	267	5.77		0.00

Monthly Peak Load for 2003				Monthly Peak Load for 2003												Monthly Peak Load for 2003											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3	246	5.31	360	7.78	320	6.91	240	5.18	257	5.55		0.00	259	5.59	285	6.16	273	5.90	243	5.25	243	5.25	264	5.70
Tiverton	TIVERTON	12.47	33F4	292	6.31	308	6.65	544	11.75	487	10.52	368	7.95		0.00	304	6.57	341	7.37	301	6.50	305	6.59	305	6.59	288	6.22

Monthly Peak Load for 2002				Monthly Peak Load for 2002												Monthly Peak Load for 2002											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00	156	3.37		0.00		0.00		0.00		0.00	264	5.70	293	6.33	188	4.06	156	3.37	216	4.67	234	5.05
Tiverton	TIVERTON	12.47	33F4		0.00	272	5.87		0.00		0.00		0.00		0.00	354	7.65	340	7.34	292	6.31	220	4.75	288	6.22	292	6.31

Tiverton 2000 through 2011 Monthly Feeder Peaks

Tiverton Study Area

Monthly Peak Load for 2001				Monthly Peak Load for 2001												Monthly Peak Load for 2001											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00	163	3.52	168	3.63	0.00	168	3.63		0.00		0.00		0.00		256	5.53	264	5.70	312	6.74	210	4.54
Tiverton	TIVERTON	12.47	33F4		0.00	300	6.48	300	6.48	0.00	296	6.39		0.00	262	5.66		0.00		312	6.74	312	6.74	312	6.74	280	6.05

Monthly Peak Load for 2000				Monthly Peak Load for 2000												Monthly Peak Load for 2000											
				Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
Study Area	Substation	Voltage (kV)	Feeder	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW	Amps	MW
Tiverton	TIVERTON	12.47	33F3		0.00		0.00		0.00		0.00		0.00	80	1.73	100	2.16	80	1.73	156	3.37	196	4.23		0.00	152	3.28
Tiverton	TIVERTON	12.47	33F4		0.00		0.00		0.00		0.00		0.00	228	4.92	320	6.91	228	4.92	288	6.22	244	5.27		0.00	171	3.69

Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been electronically transmitted, sent via U.S. mail or hand-delivered to the individuals listed below.



Joanne M. Scanlon

February 14 2012

Date

Docket No. 4296 - National Grid's 2012 System Reliability Plan Report Service List – Updated 12/19/11

Name/Address	E-mail Distribution List	Phone/FAX
Jennifer Brooks Hutchinson, Esq. National Grid 280 Melrose St. Providence, RI 02907	Jennifer.hutchinson@us.ngrid.com	401-784-7288
	Thomas.teehan@us.ngrid.com	
	Joanne.scanlon@us.ngrid.com	
	Jeremy.newberger@us.ngrid.com	
R. Daniel Prentiss, P.C. (for EERMC) Prentiss Law Firm One Turks Head Place, Suite 380 Providence, RI 02903	dan@prentisslaw.com	401-824-5150
S. Paul Ryan (for EERMC)	spryan@eplaw.necoxmail.com	
Scudder Parker VEIC	sparker@veic.org	
Jon Hagopian, Esq. (Division/AG) Dept. of Attorney General 150 South Main St. Providence, RI 02903	Jhagopian@riag.ri.gov	401-222-2424
	Dstearns@ripuc.state.ri.us	
	Sscialabba@ripuc.state.ri.us	
	Acontente@ripuc.state.ri.us	
	mcorey@riag.ri.gov	
	dmacrae@riag.ri.gov	
Jeremy McDiarmid, Esq. (ENE) Environment Northeast 101 Tremont St., Suite 401 Boston, MA 02108	jmcdiarmid@env-ne.org	617-742-0054
	aanthony@env-ne.org	
Seth H. Handy, Esq. (ENE) HANDY LAW, LLC 42 Weybosset Street Providence, RI 02903	seth@handylawllc.com	401 626.4839

Tim Woolf Synapse Energy Economics 22 Pearl Street Cambridge, MA 02139	twoolf@synapse-energy.com	617-661-3248
Bob Fagan Synapse Energy Economics	rfagan@synapse-energy.com	
Tim Woof Synapse Energy Economics 22 Pearl Street Cambridge, MA 02139	twoolf@synapse-energy.com	
Jerry Elmer, Esq. Conservation Law Foundation 55 Dorrance Street Providence, RI 02903	JElmer@clf.org	401-351-1102
Original & 11 copies to be filed w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Lmassaro@puc.state.ri.us	401-780-2107
	Adalessandro@puc.state.ri.us	401-941-1691
	Anault@puc.state.ri.us	
	Dshah@puc.state.ri.us	
	Nucci@puc.state.ri.us	