

March 16, 2011

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4218 - Electric Infrastructure, Safety, and Reliability Plan FY 2012
Response to Commission's Data Request issued March 7, 2011**

Dear Ms. Massaro:

On behalf of National Grid¹, I have enclosed ten (10) copies of the Company's response to the Commission's Data Request issued on March 7, 2011, in the above-captioned proceeding.

Thank you for your attention to this transmittal. If you have any questions, please feel free to contact me at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosure

cc: Docket 4219 Service List

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

Commission 1-1

Request:

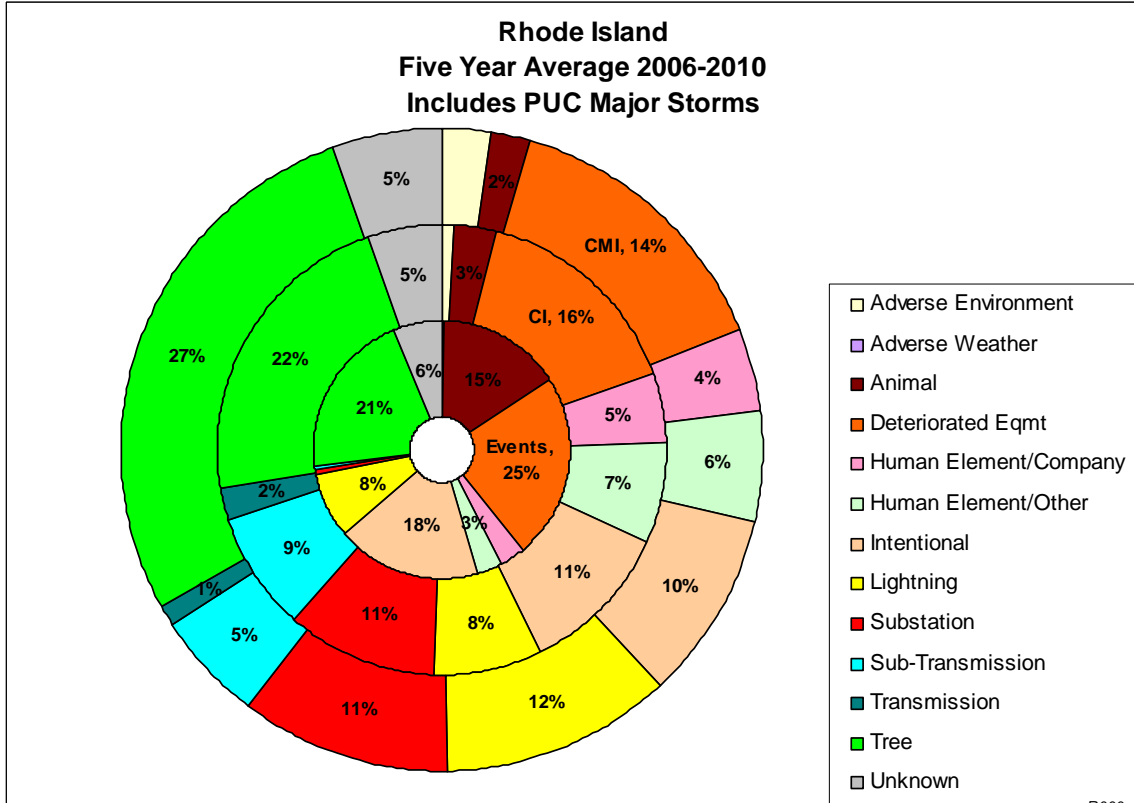
Please update the chart (Customer Interruptions by Cause) on page 18 of 28, direct testimony of McDonough, Sheridan and Glenning to include 2010 data if available. Also please present the data in table format listing each year separately as well as the multi-year averages. Please include totals where appropriate.

Response:

Please refer to Attachment COMM 1-1, which provides the updated chart and contains the requested data in table format.

Prepared by or under the supervision of: Catherine McDonough

The breakdown of causes is shown in the following chart.



The data in the above chart is taken from the following tables.

Cause	Number of Events					5 Yr Average	Ave % of Total
	2006	2007	2008	2009	2010		
Adverse Environment	8	10	15	6	16	11	0%
Adverse Weather	0	0	0	0	0	0	0%
Animal	486	453	515	446	790	538	15%
Deteriorated Eqmt	1,023	757	870	690	766	821	24%
Human Element/Company	194	66	103	42	117	104	3%
Human Element/Other	107	120	109	133	110	116	3%
Intentional	330	566	945	719	592	630	18%
Lightning	380	162	372	265	271	290	8%
Substation	15	17	24	16	20	18	1%
Sub-Transmission	24	10	20	15	15	17	0%
Transmission	3	1	4	1	3	2	0%
Tree	867	591	879	529	764	726	21%
Unknown	236	219	222	150	238	213	6%
Total	3,673	2,972	4,078	3,012	3,702	3,487	100%

Cause	Customers Interrupted					5 Yr Average	Ave % of Total
	2006	2007	2008	2009	2010		
Adverse Environment	5,717	3,170	5,926	3,926	5,303	4,808	1%
Adverse Weather	0	0	0	0	0	0	0%
Animal	15,232	14,746	16,977	11,839	18,022	15,363	3%
Deteriorated Eqmt	81,046	80,756	75,027	85,047	90,373	82,450	16%
Human Element/Company	42,177	20,126	30,961	8,450	26,050	25,553	5%
Human Element/Other	36,806	34,701	27,616	55,863	36,965	38,390	7%
Intentional	44,925	65,958	61,536	60,257	59,558	58,447	11%
Lightning	69,471	37,860	34,386	27,874	36,863	41,291	8%
Substation	53,556	46,753	68,181	28,853	86,482	56,765	11%
Sub-Transmission	73,495	23,635	56,631	31,283	46,082	46,225	9%
Transmission	6,908	20,176	12,239	25	18,438	11,557	2%
Tree	163,524	111,443	132,780	74,122	107,677	117,909	22%
Unknown	24,493	34,076	42,524	13,545	28,099	28,547	5%
Total	617,350	493,400	564,784	401,084	559,912	527,306	100%

The Narragansett Electric Company
d/b/a National Grid
Electric Infrastructure, Safety, and Reliability Plan
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Attachment COMM 1-1
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Cause	Customer-Minutes Interrupted					5 Yr Average	Ave % of Total
	2006	2007	2008	2009	2010		
Adverse Environment	417,322	144,777	313,049	166,024	4,964,528	1,201,140	3%
Adverse Weather	0	0	0	0	0	0	0%
Animal	972,333	862,565	965,114	680,227	1,161,173	928,282	2%
Deteriorated Eqmt	7,281,671	6,559,739	6,576,196	5,928,281	7,376,644	6,744,506	14%
Human Element/Company	3,674,116	1,642,385	1,840,388	471,586	2,051,065	1,935,908	4%
Human Element/Other	3,171,461	2,178,885	1,820,204	3,204,349	2,624,617	2,599,903	6%
Intentional	2,170,891	2,702,220	2,174,530	1,789,100	13,586,008	4,484,550	10%
Lightning	12,631,755	3,635,534	4,950,246	2,649,273	3,516,214	5,476,604	12%
Substation	6,135,051	1,429,040	2,714,812	391,662	14,315,966	4,997,306	11%
Sub-Transmission	3,921,885	652,387	2,588,541	1,610,946	3,766,768	2,508,105	5%
Transmission	618,324	1,245,201	299,149	1,175	995,674	631,905	1%
Tree	19,179,910	14,031,854	14,507,491	6,107,454	10,845,558	12,934,453	28%
Unknown	1,730,927	5,076,960	2,220,778	1,088,212	2,610,845	2,545,544	5%
Total	61,905,646	40,161,547	40,970,498	24,088,289	67,815,060	46,988,208	100%