The Narragansett Electric Company d/b/a National Grid FY 2013 Electric Infrastructure, Safety, and Reliability Plan Responses to Division's Data Requests – Set 2 Issued on November 28, 2011

<u>Division 2-1 (Electric)</u> Damage/Failure

Request:

The Damage/Failure category includes \$9,772,000. Considering the expenditure of \$4,863,261 for what we presume is mostly Hurricane Irene damage, how has this been factored into the reduced need for damaged or failed equipment since a great deal of problem areas and equipment were obviously addressed as part of the Hurricane Irene repairs?

Response:

The FY13-17 Damage/Failure plan was not adjusted for Hurricane Irene. The Company believes the impact the storm will have on FY2013 Damage/Failure related items is unknown and not able to be quantified. The following factors gave the Company reason to keep the budget as is:

- i. Work in this category has a significant underground and substation component which was less affected by the storm
- ii. It may be possible the storm could create more damage/failure in FY2013 if slightly damaged equipment that didn't fail at that time will in the near future if put under duress by future loads/weather.

Prepared by or under the supervision of: Jennifer L. Grimsley

The Narragansett Electric Company d/b/a National Grid FY 2013 Electric Infrastructure, Safety, and Reliability Plan Responses to Division's Data Requests – Set 2 Issued on November 28, 2011

<u>Division 2-2 (Electric)</u> Damage/Failure

Request:

From Page 14 of the ISR Report, the Damage/Failure portion includes capital spending to address Level 1 issues identified as identified by the I&M inspection. Please identify the total dollars set aside for this purpose.

Response:

The Level 1 Damage/Failure identified through I&M is charged directly through the Damage/Failure Blanket project (COS014) with all other relatively small (approx \$100k or less each) damage/failure work. This project is budgeted based on historic trends without a special breakout of the I&M related component. The Level 1 I&M fixes have been in place since late fiscal year 2010 and, therefore, we believe the trend is appropriate for future budget setting.

Please refer to Attachment DIV 2-2 (Electric) Damage/ Failure for those trended figures.

Prepared by or under the supervision of: Jennifer L. Grimsley

 COMPANY
 49

 BLANKET PROJECT #
 COS014

 BUDGET CLASSIFICATION
 Damage/Failure

Past 3 Fiscal Years of Spending:

FY08/09
FY09/10
FY10/11
3-yr Total

Capital	Cap-Related Expense	Cap Related Expense%	Cost of Removal	Cost of Removal %	Total \$\$
6,629,757	553,906	8%	1,102,318	17%	8,285,981
6,904,849	949,906	14%	1,074,786	16%	8,929,542
6,623,788	783,862	12%	1,299,568	20%	8,707,218
20,158,394	2,287,675	11%	3,476,672	17%	25,922,741

Capital Moving Annual Totals

03/31/2009	06/30/2009	09/30/2009	12/31/2009	03/31/2010	06/30/2010	09/30/2010	12/31/2010	03/31/2011	FY12 Budget	06/30/2011
6,629,757	6,714,119	6,954,428	7,011,999	6,904,849	6,139,443	5,781,034	6,493,895	6,623,788	7,305,000	7,686,420

Capital Moving Annual Total Trend (FY09 - FY11) Flat with Moderate St.Deviation

RANGE FY09-FY11 HI 7,162,293 <--highest MAT from March 2009-March 2011

LO 5,673,891 <--lowest MAT from March 2009-March 2011
AVG 6,597,563 <--average MAT from March 2009-March 2011
MEDIAN 6,837,317 <--median MAT from March 2009-March 2011

STD DEVIATION 375,610 <-- average variance of MAT's vs average (the higher the figure, the less predictable the trend)

Inflating Factors (FY10 Base Year)

Materials Labor Other Weighted Avg

FY13	FY14	FY15	FY16	FY17	Historic % of Spend for category
7%	6%	8%	5%	5%	20%
3%	3%	3%	3%	3%	35%
2%	2%	2%	2%	2%	45%
3.4%	3.2%	3.6%	3.0%	3.0%	100%

Annual Growth/Retraction Factor - Economic or Other

	FY13	FY14	FY15	FY16	FY17
Increase/(Decrease)	0%	0%	0%	0%	0%

Economic/Other Factors considered for future changes in blanket levels

June 30,2011 showed MAT increasing to \$7.6M - with I&M Level 1 items being addressed within the blanket, we will keep budget towards the high range of MAT history

Manual Blanket Project Adjustment

	FY13	FY14	FY15	FY16	FY17
Increase/(Decrease)	\$ -	\$ -	\$ -	\$ -	\$ -

Current Year Forecast vs Proposed Bydget Levels

FY17 7,648,000 7,889,000 8,169,000 8,410,000 8,658,000 Capital 7,400,000 Cap-Related Expense % 11.0% 11.0% 11.0% 11.0% 11.0% 11.0% Cost of Removal % 16.0 16.0% 16.0%