

**Rochester Gas and Electric Corporation**  
**ROCHESTER AREA RELIABILITY PROJECT**  
**PSC Case No. 11-T-0534**  
**Information Request**

**Requesting Party and No.:** Staff of the Department of Public Service (DPS-7)

**RG&E Response No.:** RARP-12-008

**Request Date:** February 28, 2012

**Information Requested of:** RG&E

**RE:** RG&E Reliability Criteria

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**Reply Date:** March 14, 2012

**Respondent:** Edgardo Manansala

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**QUESTION:**

- 1) What RG&E reliability criteria will RG&E be in violation of if this project is not built? Name the specific criteria and explain how the criteria will not be met. Provide all supporting documentation and workpapers.
- 2) When in the future will RG&E fail to meet the criteria?
- 3) How will this project solve the reliability issue? Name the specific criteria and explain how the criteria will be met. Provide all supporting documentation and workpapers.
- 4) How many years will this project be in compliance with today's reliability criteria? Provide all supporting documentation and workpapers.
- 5) If Ginna were out of service, at what point will RG&E not be compliant with today's reliability criteria? Provide all supporting documentation and workpapers.

**RESPONSE:**

*1) What RG&E reliability criteria will RG&E be in violation of if this project is not built? Name the specific criteria and explain how the criteria will not be met. Provide all supporting documentation and workpapers.*

**Response:**

The response to this question is critical infrastructure information and is being filed with the Administrative Law Judge with a request for appropriate protection. (Attachments A and B are included in this response).

***2) When in the future will RG&E fail to meet the criteria?***

**Response:**

RG&E does not meet this criterion presently.

***3) How will this project solve the reliability issue? Name the specific criteria and explain how the criteria will be met. Provide all supporting documentation and workpapers.***

**Response:**

To comply with the criterion mentioned in question 1 above, the RARP will provide additional 345/115kV transformers and 115kV lines serving the RG&E load which will prevent thermal overload upon loss of the Station 80 Bank #5 transformer. This is illustrated graphically in the document: RARP-12-008 – Attachment C).

***4) How many years will this project be in compliance with today's reliability criteria? Provide all supporting documentation and workpapers.***

**Response:**

Based on current planning assumptions, the RARP will allow compliance with the criteria beyond 2030. This is illustrated graphically in the document: RARP-12-008 – Attachment C.

***5) If Ginna were out of service, at what point will RG&E not be compliant with today's reliability criteria? Provide all supporting documentation and workpapers.***

**Response:**

If Ginna were out of service, RG&E is presently not compliant with today's reliability criterion mentioned in question 1 above.

The RARP provides the necessary system reinforcements to comply with reliability criterion beyond 2030 if Ginna is out of service. This is illustrated graphically in the PDF document, RARP-12-008 – Attachment C.

Load, Generation, and Capacity (Current and With RARP) Vs. Year

