

Case 14-E-0270

Petition Requesting Initiation of a
Proceeding to Examine a Proposal for
Continued Operation of the R.E. Ginna
Nuclear Power Plant, LLC.

Hearing Exhibit 38

Rochester Gas and Electric Corporation

**Petition for Initiation of a Proceeding to Examine a Proposal for Continued Operation of
the R.E. Ginna Nuclear Power Plant
Case 14-E-0270**

INFORMATION REQUEST

Requesting Party: Multiple Intervenors (5)

Request No.: GNP-15-005

Date of Request: March 12, 2015

Response Due: March 23, 2015

Date of Reply: March 23, 2015

Respondent: Javier Bonilla

Re: Multiple Intervenors' First Set of Information Requests

Question:

What is the solution to the reliability problem caused by the possible deactivation of the R.E. Ginna Nuclear Power Plant ("Ginna") that currently is being recommended and/or pursued by Rochester Gas and Electric Corporation ("RG&E")? With respect to that solution, identify: (a) what it entails; (b) when the solution was designed or engineered by RG&E; (c) when the solution was selected by RG&E; (d) the current, projected completion date for the solution; (e) the current status of the solution with respect to necessary regulatory approvals; (f) the current projected cost of that solution; and (g) whether such solution would be necessary and/or pursued by RG&E but for the possible deactivation of Ginna. Additionally, identify all documents filed and/or otherwise available publicly with respect to the proposed solution. Finally, if the solution being recommended and/or pursued by RG&E involves upgrades to RG&E's transmission and/or distribution system, identify whether RG&E intends to perform such work with its own workforce or an outside contractor and, if an outside contractor is to be used, whether that contractor has been retained for such work (and, if so, provide a copy of RG&E's contract with said contractor).

Response:

RG&E objects to this interrogatory because it requests information that is irrelevant and outside the scope of the current phase of this proceeding (i.e., the interrogatory seeks information that does not "involv[e] the request of RG&E for Commission acceptance of a Reliability Support Services Agreement between RG&E and R.E. Ginna Nuclear Power Plant, LLC, and for approval of the allocation and recovery of the costs of that agreement.")

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RG&E object to this interrogatory because the term “deactivation” is vague and ambiguous. For purposes of responding to this request, RG&E is interpreting the term “deactivation” to mean the permanent retirement of an electric generation facility.

RG&E also object to this interrogatory as overbroad, unduly burdensome and not tailored to this particular proceeding to the extent that it requests information relating to who will perform the work on the identified transmission solution.

Subject to and without waiving these objections, RG&E provides the below response.

The RSSA is the immediate solution to the reliability need caused by the potential permanent retirement of the Ginna Facility. With respect to the transmission solution that RG&E is pursuing to address such reliability need, RG&E provides the following:

- a) RG&E identified a set of transmission solutions - the Ginna Retirement Transmission Alternative (“GRTA”) Project - to address the reliability need caused by the potential permanent retirement of the Ginna Facility. The GRTA includes the following work:
 - i. **Station 122 Upgrades:** RG&E will upgrade the three 345/115 kV transformers at Station 122 from 200 MVA-Class units to 400 MVA-Class units. In addition, a fault-duty short circuit study determined that RG&E must upgrade the 115 kV circuit breakers at Station 122 and one circuit breaker at Station 121. Due to constructability sequence constraints, new 115 kV Gas-Insulated Switchgear (GIS) with 5 bays arranged in a breaker and half configuration will be installed to replace the 115 kV open-air configuration at Station 122.
 - ii. **34.5 kV and 11.5 kV line Underground Transmission Lines:** With the new flow in the RG&E network, RG&E will uprate the following underground circuits:
 - 1) 34.5 kV Circuit 718 between Station 29 and Station 1 (approximately 3.8 miles in length) to 972 amps summer normal and 1,592 LTE.
 - 2) 34.5 kV Circuit 735 between Station 81 and Station 7 (approximately 9.2 miles in length) to 664 amps summer normal and 867 LTE.
 - 3) 34.5 kV Circuit 770 between Station 1 and Station 42 (approximately 2.3 miles in length) to 1,202 amps summer LTE.
 - 4) 11.5 kV Circuit 623 between Station 137 and Station 38 (approximately 1.2 miles in length) to 582 amps summer normal and 924 LTE.

In addition, a fifth bay (5th Bay) of 345 kV circuit breakers will be constructed at Station 80 to reconnect transformers #5 and #3. This will resolve loss of transformers #5 and #2 in a single contingency due to stuck breaker 2T8082, and loss of transformers #3 and #2 in a

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single contingency due to stuck breaker 1X8082. The 5th Bay will have four circuit breakers, two of which will be between transformer #5 and transformer #3 terminal points.

- b) Conceptual engineering started in October 2014 by RG&E engineers. Procurement of detailed engineering design services is currently on-going.
- c) RG&E started developing the GRTA concept in June 2014.
- d) The estimated GRTA in-service date is between December 2016 and June 2017.
- e) The GRTA does not fall under the purview of the New York State Public Service Commission's Article VII process.

Filings will be made with the New York State Department of Environmental Conservation with respect to any wetland impacts for the work at Station 122.

Because of its proximity to Rochester Area Reliability Project ("RARP") work at Station 80, the construction of the 5th Bay will require an amendment to the RARP Article VII certificate, as well as a modification to the already approved RARP EM&CP - Segment I. RG&E is currently preparing a petition for the certificate amendment and shortly will commence preliminary engineering for the EM&CP – Segment I modification. RG&E plans to submit the certificate amendment petition to the New York State Public Service Commission by May 2015 and the EM&CP - Segment I modification in June 2015.

Permits may also be needed from the New York State Department of Transportation. RG&E also plans to consult with the State Historic Preservation Office.

Local permits (county, city and town) will also be needed.

- f) The GRTA's estimated cost is approximately \$150 million.
- g) Even without the possible permanent retirement of Ginna, RG&E would still pursue the GRTA and the work at Station 80.

Documents filed or otherwise available include the documents filed with the New York State Public Service Commission in this proceeding and Case 11-T-0534 (RARP) at DMM File Nos. 295 – 308.

The upgrades at Station 122, the transmission lines, and the 5th Bay will be executed by RG&E in conjunction with contractors.