Q. State the specific date Newfoundland Power became aware that there could be difficulty in supplying its customers in December 2013 and the winter of 2014. Provide details, including how it became aware of the anticipated deficit, its understanding of the anticipated deficit and the action, immediate and long-term, taken when it became aware of a potential inability to meet customers' load requirements.

A. **1. 2013-2014 Generation Availability**

At the November 1st, 2013 meeting of the Inter-Utility System Planning and Reliability Committee, the availability of generation to meet peak demand on the Island Interconnected System for the 2013-2014 winter season was considered. The information available at that time indicated that sufficient system generation capacity would be available to meet the peak demand for the upcoming winter.

For more information on the Inter-Utility System Planning and Reliability Committee, see the response to Request for Information PUB-NP-002.

2. December 2013

On the morning of December 26th, 2013, Newfoundland and Labrador Hydro ("Hydro") made Newfoundland Power aware that the power output of the 150 MW generating unit #3 at Holyrood was de-rated due to failure of a forced draft fan motor.[1] At the same time, Newfoundland Power was informed that the generating capacity of the 50 MW Stephenville gas turbine was limited to 25 MW, and that the 50 MW Hardwoods gas turbine, which had been scheduled to be back in service, was not yet available.

On the evenings of December 29th and 30th, 2013 Hydro requested Newfoundland Power to run its thermal generating units, exercise customer load curtailment, and carry out system voltage reduction to reduce peak loading on the electrical system in response to low system generation reserve margins.[2]

On December 31st, 2013, Newfoundland Power was informed of the load reduction arrangements Hydro had made with Corner Brook Pulp and Paper to provide additional system generating capacity. At that time, the cold weather forecast for January 2nd and 3rd, 2014 was raised in light of the reduced generation capacity on the system due to Hydro's reduced thermal capacity.

[1] This was communicated to Newfoundland Power's System Control Centre by Hydro's Energy Control Centre personnel. The following day, Hydro's Vice President informed Newfoundland Power's Vice-President of Customer Operations and Engineering that the problem with unit #3 could take several weeks to correct.

[2] These are routine steps when forecast limitations on the availability of generation to serve customer demand exist. See the response to Request for Information PUB-NP-002.

3. January 2014

Following the morning peak on January 2nd, 2014, Newfoundland Power informed Hydro that its evening peak load could reach or exceed 1,375 MW. Hydro advised Newfoundland Power that, in light of this information, there was a likelihood that there would be insufficient generation available to meet the peak on the Island Interconnected System. While Hydro did not specify what the anticipated system generation shortfall might be, it was agreed that the utilities should prepare for possible distribution load rotation.

Throughout the day, Newfoundland Power took the necessary actions to prepare for the evening peak period. This included preparations to take the necessary electrical system responses appropriate to the circumstances.[3] It also included the assignment of additional personnel to Newfoundland Power's System Control Centre for review and prioritization of feeders for possible rotation.[4]

Newfoundland Power assembled the members of its communications hub to coordinate customer communications.[5] Finally, crews and line trucks were re-deployed from Western and Central Newfoundland to Eastern Newfoundland and the Avalon Peninsula.

For more detail on coordination between Newfoundland Power and Hydro on January 2nd, 2014, see the response to Request for Information PUB-NP-004.

[3] For more information on electrical system response to forecast limitations on availability of Hydro's generation, see the response to Request for Information PUB-NP-002.

[4] For more information on preparations for rotating power outages, see the response to Request for Information PUB-NP-022.

[5] For more information on Newfoundland Power's communications hub, see the response to Request for Information PUB-NP-025.