

1 Q. Explain the circumstances that led to Hydro's decision to issue a conservation  
2 request to customers on January 2, 2014?

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5 A. A decision to issue a conservation request to customers was made during the  
6 morning of January 2, 2014 as there was an anticipated shortage in generation  
7 capacity to meet the customer demands expected during the evening peak period.  
8 At 0800 on January 2, 2014, the available system supply, including purchases, was  
9 1,497 MW; at that time the system demand was 1,450 MW, with a reserve of 47  
10 MW. Refer to the chart showing the System Supply and Demand on January 2,  
11 2014. On January 1, the mean temperature for the day was -13 C<sup>1</sup> and the system  
12 peak demand was 1,436 MW. The forecast temperatures for January 2 were in the  
13 range of -13 C to -18 C.<sup>1</sup> With a reduced system reserve, a weather forecast  
14 indicating extremely cold temperatures for the day, and Hydro's experience with  
15 system demands in the period leading up to January 2, Hydro felt that a  
16 conservation request was required to deal with a potential generation capacity  
17 shortage. Thus at 0800, Hydro initiated discussions with Newfoundland Power  
18 regarding a conservation request. Hydro and Newfoundland Power formally issued  
19 the conservation request to the public at approximately 1400. Both utilities began  
20 the coordinated process of rotating outages at 1613.

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<sup>1</sup> Source: Environment Canada for the City of St. John's.

