

1 Q. **Reference: PUB-NLH-51.** In its response, Hydro stated, in response to the inquiry as  
2 to why Hydro waited until 2:30 pm on January 2, 2014 to issue a conservation  
3 request, that it "also considered the public perception of using a conservation  
4 request if it ended up not being required, including public confidence in the power  
5 system and ensuring appropriate and effective public response when required."  
6 How, in such circumstances as existed starting from December 30, 2013, would  
7 Hydro have been able to ascertain that a conservation request would not end up  
8 being "required"? Does the word "required" as used by Hydro in its response mean  
9 something different from "prudent"? Describe, in detail, what criteria will Hydro  
10 utilize in the future to decide whether a conservation request is prudent.

11

12

13 A. During the period from December 30, 2013 until the morning of January 2, 2014, it  
14 was determined that Hydro could meet the forecast load using the other steps in  
15 the Generation Load Sequence and Generation Shortage protocol; therefore a  
16 conservation request was not required.

17

18 In Hydro's view, the use of the word required does not mean something different  
19 from prudent.

20

21 Please see CA-NLH-008 for the revised Generation Reserves Protocol. The available  
22 generation reserves will be calculated for the current day and the following four  
23 days using the available generation and the forecasted peak for each day. The  
24 following table outlines the requirements.

Table 1: Assessment and Notification of Available Generation Reserves

Available Reserves	Energy Control Centre Response	Expected Action	Alert Level
> Largest Generating Unit	Normal Operations		0
< Largest Generating Unit	Advise Stakeholders	Load Reduction	1
< ½ Largest Generating Unit	Advise Stakeholders	Conservation	2
Zero/Deficit; hold frequency = 59.8 Hz	Advise Stakeholders	Rotating Outages	3

For each Alert Level outlined above, the following will be performed:

- Level 0 - If the available reserves are anticipated to be greater than the largest available generating unit capacity, the ECC are not expected to perform any further actions, other than to advise Exec On-call (CERP), Corporate Relations and Newfoundland Power that available reserves have returned to normal following a prior Level 1, 2 or 3 notice.
- Level 1 - If the available reserves are anticipated to be less than the largest available generating unit capacity, the ECC will notify Exec On-call (CERP), Corporate Relations and Newfoundland Power, advising of possible load reduction strategies to maintain sufficient spinning reserves, if the generation shortfall is not corrected.
- Level 2 - If the available reserves are anticipated to be less than half of the largest available generating unit capacity, the ECC will notify Exec On-call (CERP), Corporate Relations and Newfoundland Power, advising of possible conservation strategies to help maintain sufficient spinning reserves, if the generation shortfall is not corrected.
- Level 3 - If the available reserves are anticipated to approach zero or fall into a deficit, the ECC will notify Exec On-call (CERP), Corporate Relations and Newfoundland Power, advising of possible rotating outages to help maintain

- 1 frequency near the 60 Hertz standard, if the generation shortfall is not
- 2 corrected.