

Q. **Evidence – Application for Deferral and Recovery of 2014 Capacity-Related Supply Costs, page 3, Lines 17-19.**

Please describe the specific capacity constraints that led to Hydro having to require capacity assistance from CBPP on February 4 and March 5 of 2014.

A. On February 4, 2014, Hydro had 1,450 MW of available capacity. The following table indicates the capacity that was unavailable.

Unit	Capacity	Status	Deficit
Holyrood Unit #1	170 MW	Unavailable	170 MW
Holyrood Unit #3	150 MW	Derated to 143 MW	7 MW
Stephenville	50 MW	Derated to 25 MW	25 MW
Total			202 MW

The load forecast for the morning of February 4, 2014 was 1,350 MW. At 8:00, the actual system load was at 1,388 MW. This meant the reserves were at 62 MW without the capacity assistance. Based on the limited reserves, it was determined that a request for capacity assistance was required.

On March 5, 2014, Hydro had 1500 MW of available capacity. The following table indicates the capacity that was unavailable.

Unit	Capacity	Status	Deficit
Holyrood Unit #1	170 MW	Derated to 140 MW	30 MW
Bay d’Espoir Unit #6	75 MW	Unavailable	75 MW
Hardwoods	50 MW	Derated to 25MW	25 MW
Stephenville	50 MW	Derated to 25 MW	25 MW
Total			155 MW

1 The load forecast for the morning of March 5, 2014 was 1,350 MW. However, at
2 6:00, the actual system load was at 1,404 MW. This meant the reserves were at 96
3 MW without the capacity assistance. Based on the limited reserves and the
4 anticipated increase in load, it was determined that a request for capacity
5 assistance was required.

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7 For the second request on March 5, 2014 at 9:30, the system load was 1,458 MW at
8 9:00. The available capacity remained at 1,500 MW. This meant the reserves were
9 at 42 MW without the capacity assistance. Based on the limited reserves, it was
10 determined that a further need for capacity assistance was required.