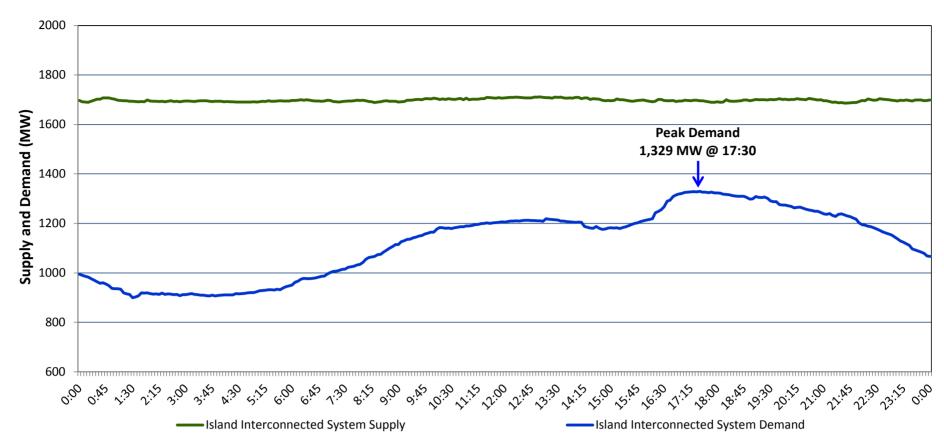
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, December 29, 2014





Supply Notes for December 27, 2014^{1,2}

- A As of 1000 hours, November 21, 2014, Nalcor Exploits Unit 4 unavailable due to a forced outage (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
- As of 1711 hours, December 12, 2014, the Hardwoods Gas Turbine End 'B' unavailable (25 MW).
- As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).

| Section 2 Island Interconnected Supply and Demand | | | | | | | | | |
|--|-----------------|--------------------|------------------------------|---------------------|----------------|---|------------------------------|--|--|
| Sun, Dec 28, 2014 Island System Outlook ³ | | Seven-Day Forecast | - | Temperature (°C) | | Island System Daily Peak Demand (MW) | | | |
| | | | | Morning | Evening | Forecast | Adjusted ^b | | |
| Available Island System Supply:5 | 1,870 | MW | Sunday, December 28, 2014 | -3 | -1 | 1,325 | 1,230 | | |
| NLH Generation: ⁴ | 1,520 | MW | Monday, December 29, 2014 | 0 | -1 | 1,400 | 1,305 | | |
| NLH Power Purchases: | 135 | MW | Tuesday, December 30, 2014 | -4 | -6 | 1,550 | 1,450 | | |
| Other Island Generation: | 215 | MW | Wednesday, December 31, 2014 | -9 | -8 | 1,550 | 1,450 | | |
| Current St. John's Temperature: | -2 | °C | Thursday, January 01, 2015 | -8 | -6 | 1,500 | 1,400 | | |
| Current St. John's Windchill: | -9 | °C | Friday, January 02, 2015 | 0 | 0 | 1,475 | 1,380 | | |
| 7-Day Island Peak Demand Forecast | t: 1,550 | MW | Saturday, January 03, 2015 | -8 | -7 | 1,500 | 1,400 | | |

Supply Notes for December 28, 2014³

As of 0328 hours, December 28, 2014, Holyrood Unit 2 was returned to service (170 MW).

- Notes: 1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
 - 2. Due to the Island Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
 - 3. As of 0800 Hours
 - 4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - 5. Gross output from all Island sources (including Note 4).
 - 6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

| Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak | | | | | | | |
|---|--|-------|----------|--|--|--|--|
| Sat, Dec 27, 2014 | Actual Island Peak Demand ⁷ | 17:30 | 1,329 MW | | | | |
| Sun, Dec 28, 2014 | Forecast Island Peak Demand | | 1,325 MW | | | | |

Notes: 7. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).