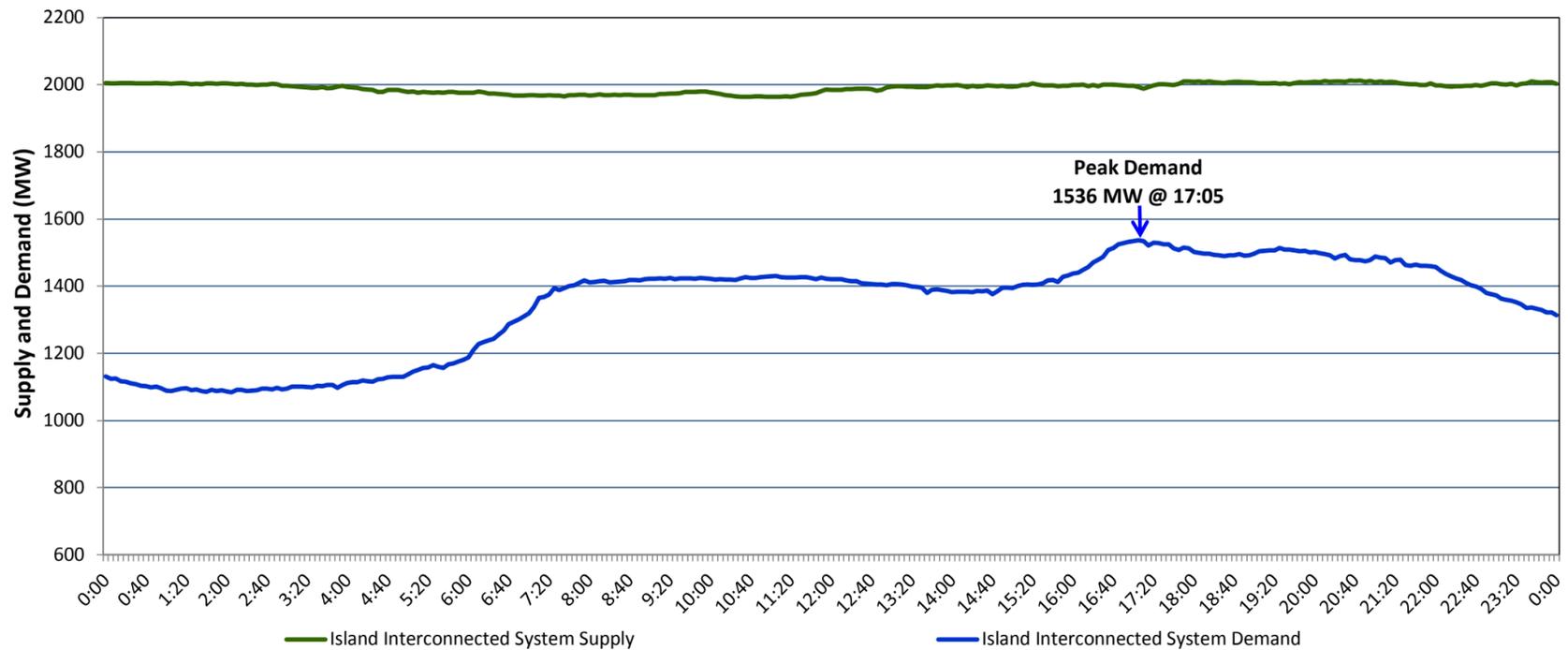


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, January 10, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, January 09, 2017**



Supply Notes For January 09, 2017

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- A As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- B As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
- C As of 1719 hours, September 09, 2016, Nalcor Exploits Bishop's Falls plant unit 9 unavailable. No net impact to the Island Interconnected System.
- D As of 2132 hours, October 10, 2016, Nalcor Exploits Bishop's Falls plant unit 8 unavailable. No net impact to the Island Interconnected System.
- E As of 1920 hours, December 29, 2016, Holyrood Unit 1 derated to 160 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

| Tue, Jan 10, 2017 | Island System Outlook ³ | Seven-Day Forecast | Temperature (°C) | | Island System Daily Peak Demand (MW) | |
|--|------------------------------------|-----------------------------|------------------|---------|--------------------------------------|-----------------------|
| | | | Morning | Evening | Forecast | Adjusted ⁷ |
| Available Island System Supply: ⁵ | 1,980 MW | Tuesday, January 10, 2017 | -10 | -9 | 1,610 | 1,506 |
| NLH Generation: ⁴ | 1,660 MW | Wednesday, January 11, 2017 | -9 | -3 | 1,530 | 1,427 |
| NLH Power Purchases: ⁶ | 110 MW | Thursday, January 12, 2017 | 0 | 2 | 1,385 | 1,284 |
| Other Island Generation: | 210 MW | Friday, January 13, 2017 | 3 | 4 | 1,345 | 1,244 |
| Current St. John's Temperature: | -11 °C | Saturday, January 14, 2017 | -7 | -8 | 1,650 | 1,546 |
| Current St. John's Windchill: | -21 °C | Sunday, January 15, 2017 | -8 | -5 | 1,570 | 1,467 |
| 7-Day Island Peak Demand Forecast: | 1,755 MW | Monday, January 16, 2017 | -8 | -12 | 1,755 | 1,650 |

Supply Notes For January 10, 2017

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- 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 7. Adjusted for CBP&P and Praxair interruptible load as well as the impact of voltage reduction, when applicable.

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

| | | | |
|-------------------|--|-------|----------|
| Mon, Jan 09, 2017 | Actual Island Peak Demand ⁸ | 17:05 | 1,536 MW |
| Tue, Jan 10, 2017 | Forecast Island Peak Demand | | 1,610 MW |

- Notes: 8. 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).