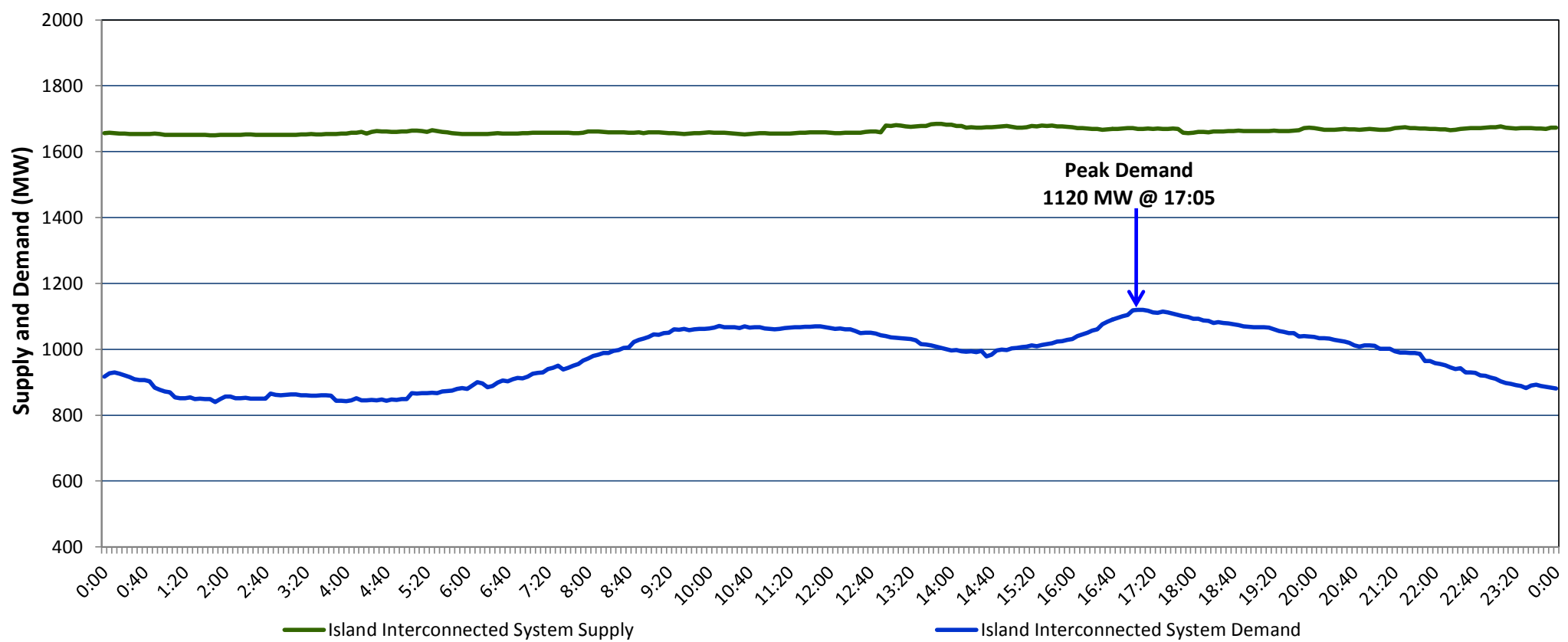


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 20, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, November 18, 2017**



Supply Notes For November 18, 2017

- 1,2
- A As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 1 unavailable (76.5 MW).
 B As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 2 unavailable (76.5 MW).
 C As of 1800 hours, November 04, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
 D As of 0939 hours, November 08, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 E As of 0608 hours, November 13, 2017, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
 F As of 0710 hours, November 14, 2017, Holyrood Unit 3 available at 130 MW (150 MW).
 G As of 0012 hours, November 16, 2017, Holyrood Unit 1 available at 145 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

| Sun, Nov 19, 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 | 1,510 MW | Sunday, November 19, 2017 | 3 | 2 | 1,230 | 1,136 |
| NLH Generation: ⁴ | 1,270 MW | Monday, November 20, 2017 | 9 | 6 | 1,145 | 1,052 |
| NLH Power Purchases: ⁶ | 65 MW | Tuesday, November 21, 2017 | 2 | 1 | 1,335 | 1,239 |
| Other Island Generation: | 175 MW | Wednesday, November 22, 2017 | 1 | 2 | 1,280 | 1,185 |
| Current St. John's Temperature: | 3 °C | Thursday, November 23, 2017 | 1 | 6 | 1,315 | 1,220 |
| Current St. John's Windchill: | N/A °C | Friday, November 24, 2017 | 1 | 2 | 1,295 | 1,200 |
| 7-Day Island Peak Demand Forecast: | 1,335 MW | Saturday, November 25, 2017 | 2 | 4 | 1,180 | 1,086 |

Supply Notes For November 19, 2017

- 3
- H At 0624 hours, November 19, 2017, Holyrood Unit 3 unavailable 130 MW (150 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 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 interruptible load and the impact of voltage reduction, when applicable.

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

| | | | |
|-------------------|--|-------|----------|
| Sat, Nov 18, 2017 | Actual Island Peak Demand ⁸ | 17:05 | 1,120 MW |
| Sun, Nov 19, 2017 | Forecast Island Peak Demand | | 1,230 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).