

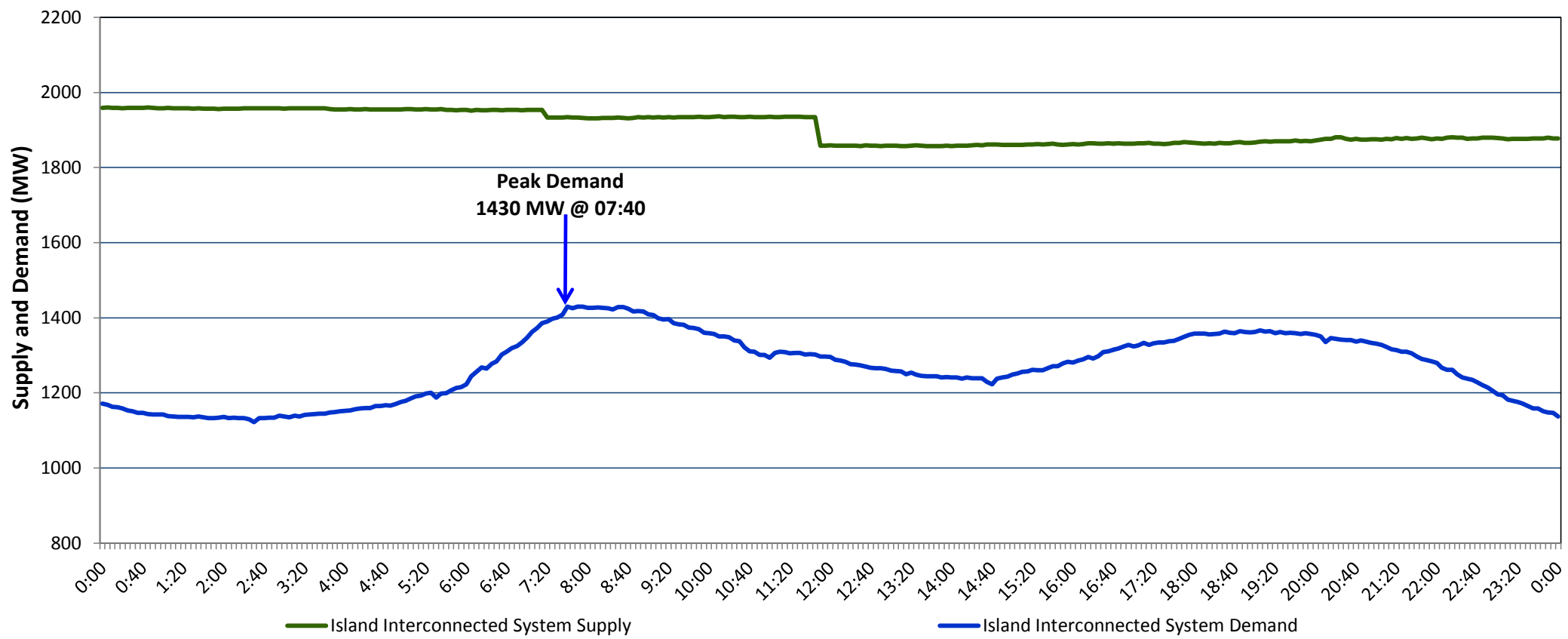
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, February 23, 2017

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Wednesday, February 22, 2017



Supply Notes For February 22, 2017

- 1,2
- AAs of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
- BAs of 1800 hours, February 14, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
- CAs of 1238 hours, February 19, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
- DAt 0720 hours, February 22, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
- EAt 0916 hours, February 22, 2017, St. Anthony Diesel Plant Unit 523 (G2) unavailable due to planned outage (1 MW).
- FAt 1150 hours, February 22, 2017, Bay d'Espoir Unit 6 unavailable (76.5 MW).
- GAt 1600 hours, February 22, 2017, St. Anthony Diesel Plant Unit 523 (G2) available (1 MW).

Section 2

Island Interconnected Supply and Demand

| Thu, Feb 23, 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 | 1,885 MW | Thursday, February 23, 2017 | -3 | -2 | 1,410 | 1,303 |
| NLH Generation: ⁴ | 1,535 MW | Friday, February 24, 2017 | 2 | 1 | 1,320 | 1,214 |
| NLH Power Purchases: ⁶ | 145 MW | Saturday, February 25, 2017 | -3 | -6 | 1,445 | 1,337 |
| Other Island Generation: | 205 MW | Sunday, February 26, 2017 | 0 | 5 | 1,295 | 1,189 |
| Current St. John's Temperature: | -3 °C | Monday, February 27, 2017 | -1 | -3 | 1,460 | 1,352 |
| Current St. John's Windchill: | -9 °C | Tuesday, February 28, 2017 | -2 | -5 | 1,510 | 1,401 |
| 7-Day Island Peak Demand Forecast: | 1,510 MW | Wednesday, March 01, 2017 | -6 | -6 | 1,475 | 1,367 |

Supply Notes For February 23, 2017

- 3
- 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, Praxair and Vale 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

| | | | |
|-------------------|--|-------|----------|
| Wed, Feb 22, 2017 | Actual Island Peak Demand ⁸ | 07:40 | 1,430 MW |
| Thu, Feb 23, 2017 | Forecast Island Peak Demand | | 1,410 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).