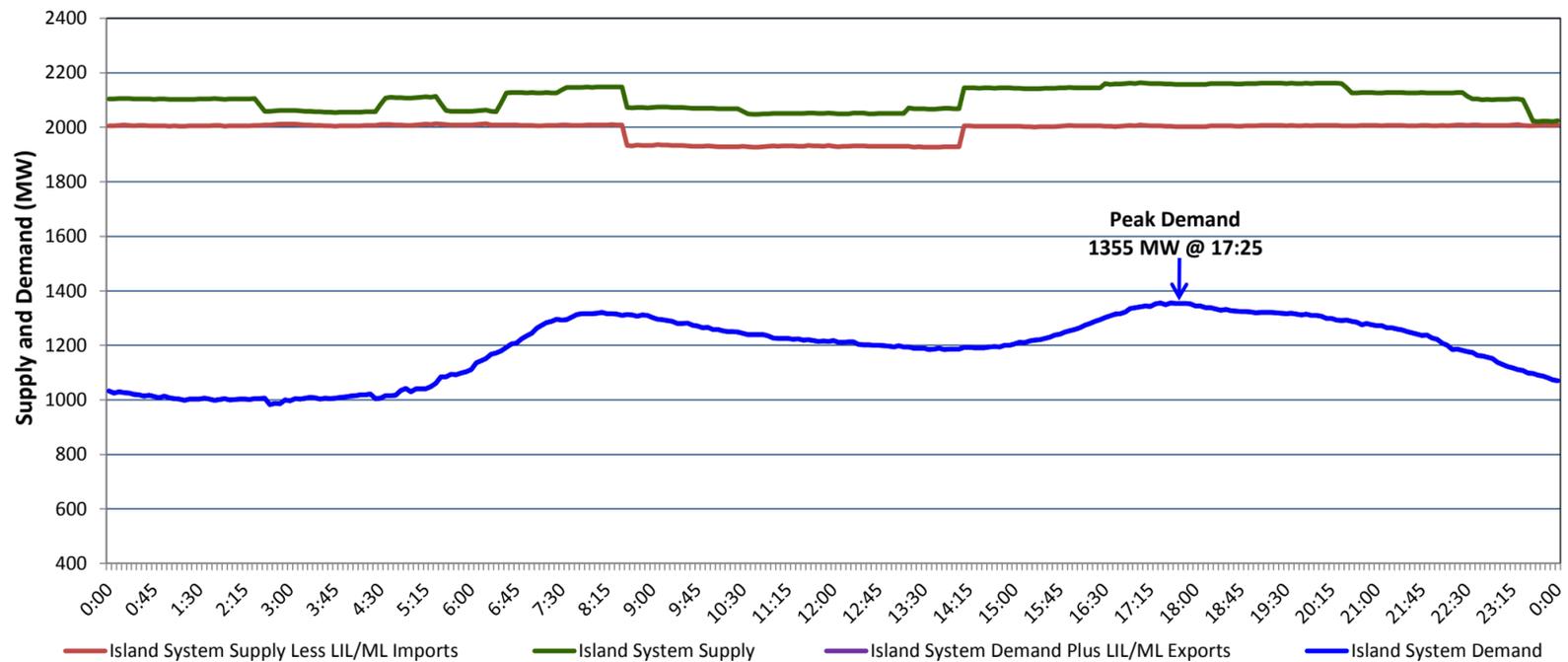


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, January 30, 2020

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, January 29, 2020



Supply Notes For January 29, 2020

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A As of 1458 hours, January 25, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).

B At 0831 hours, January 29, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).

C At 1410 hours, January 29, 2020, Bay d'Espoir Unit 4 available (76.5 MW).

Section 2 Island Interconnected Supply and Demand

| Thu, Jan 30, 2020 | 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 | 2,144 MW | Thursday, January 30, 2020 | -3 | -3 | 1,405 | 1,301 |
| NLH Island Generation: ⁴ | 1,670 MW | Friday, January 31, 2020 | -7 | -6 | 1,460 | 1,355 |
| NLH Island Power Purchases: ⁶ | 125 MW | Saturday, February 01, 2020 | -7 | -8 | 1,445 | 1,340 |
| Other Island Generation: | 225 MW | Sunday, February 02, 2020 | -5 | 3 | 1,435 | 1,330 |
| ML/LIL Imports: | 124 MW | Monday, February 03, 2020 | 1 | -3 | 1,405 | 1,301 |
| Current St. John's Temperature & Windchill: | -3 °C | Tuesday, February 04, 2020 | -3 | -3 | 1,395 | 1,291 |
| 7-Day Island Peak Demand Forecast: | 1,520 MW | Wednesday, February 05, 2020 | -9 | 1 | 1,520 | 1,414 |

Supply Notes For January 30, 2020

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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 system having no synchronous connections to the larger North American grid, when there is a sudden loss of large generating units there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 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 Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

| | | | |
|-------------------|--|-------|----------|
| Wed, Jan 29, 2020 | Actual Island Peak Demand ⁸ | 17:25 | 1,355 MW |
| Thu, Jan 30, 2020 | Forecast Island Peak Demand | | 1,405 MW |

Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).