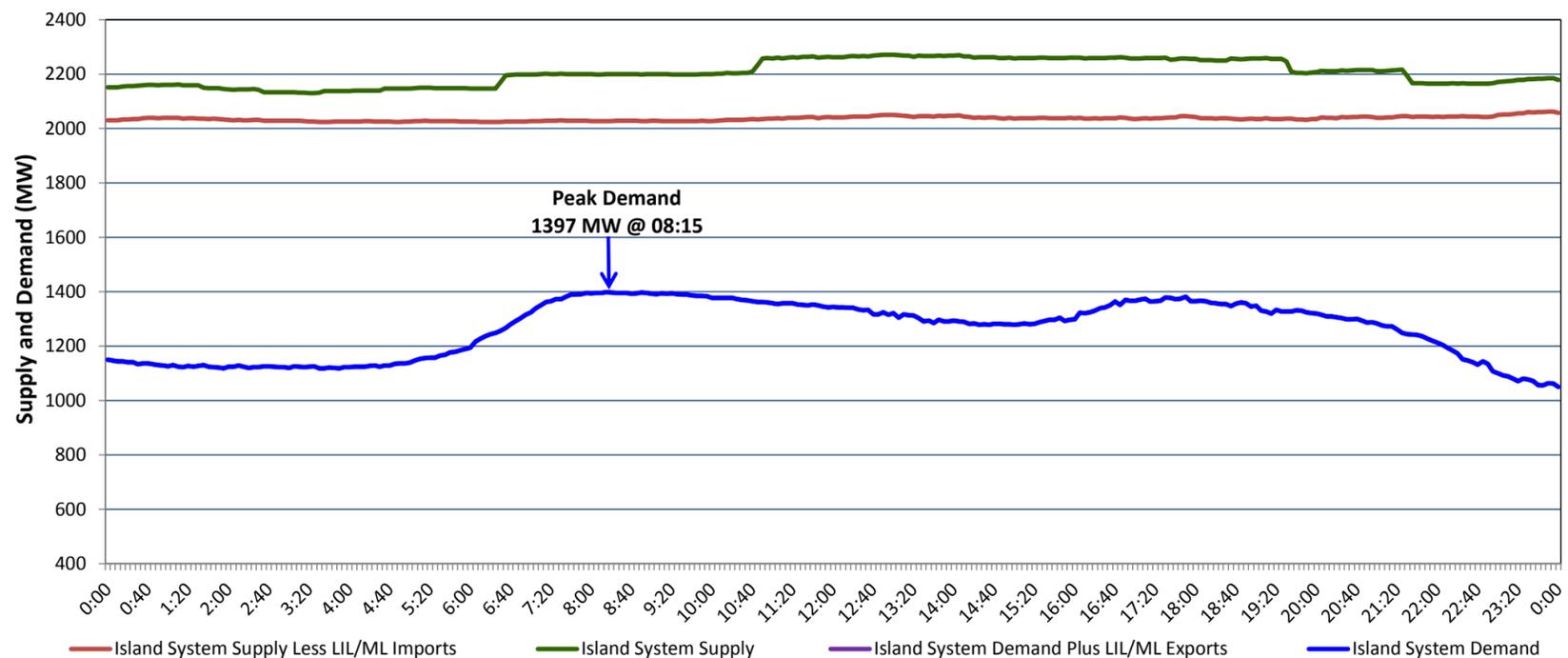


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, January 25, 2019

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, January 24, 2019



Supply Notes For January 24, 2019

1,2

A As of 1813 hours, January 23, 2019, Holyrood Unit 1 available at 165 MW (170 MW).

Section 2 Island Interconnected Supply and Demand

| Fri, Jan 25, 2019 | 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 | 2,241 | MW | Friday, January 25, 2019 | 5 | 2 | 1,310 | 1,209 |
| NLH Island Generation: ⁴ | 1,690 | MW | Saturday, January 26, 2019 | 0 | -3 | 1,370 | 1,268 |
| NLH Island Power Purchases: ⁶ | 150 | MW | Sunday, January 27, 2019 | -1 | -2 | 1,390 | 1,288 |
| Other Island Generation: | 210 | MW | Monday, January 28, 2019 | -3 | 4 | 1,540 | 1,436 |
| ML/LIL Imports: | 191 | MW | Tuesday, January 29, 2019 | -3 | -2 | 1,585 | 1,481 |
| Current St. John's Temperature & Windchill: | 6 °C | N/A °C | Wednesday, January 30, 2019 | -5 | -1 | 1,460 | 1,357 |
| 7-Day Island Peak Demand Forecast: | 1,585 | MW | Thursday, January 31, 2019 | 3 | -3 | 1,470 | 1,367 |

Supply Notes For January 25, 2019

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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

| | | | |
|-------------------|--|-------|----------|
| Thu, Jan 24, 2019 | Actual Island Peak Demand ⁸ | 08:15 | 1,397 MW |
| Fri, Jan 25, 2019 | Forecast Island Peak Demand | | 1,310 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).