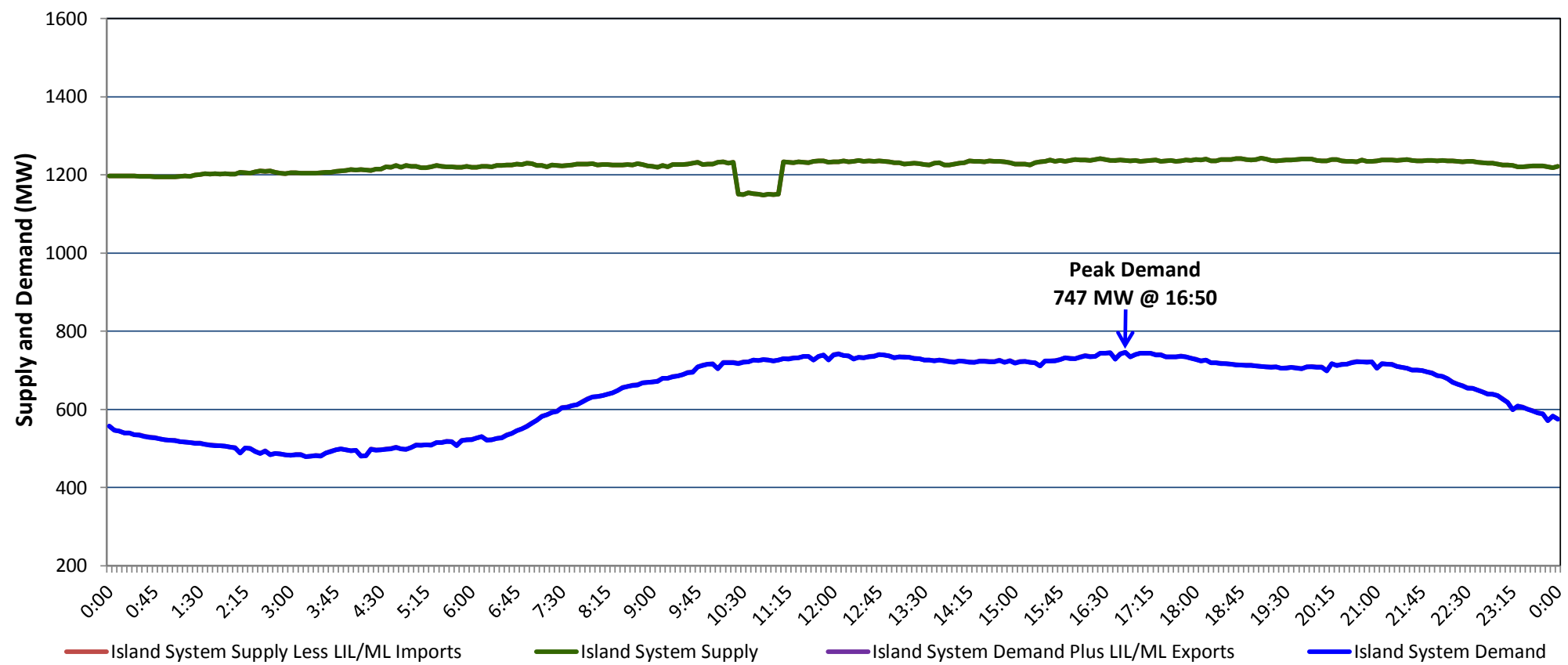


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, August 24, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, August 23, 2018**



Supply Notes For August 23, 2018

- A As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
 B As of 0801 hours, July 19, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).
 C As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
 D As of 0823 hours, August 06, 2018, Cat Arm unit 1 unavailable due to planned outage 50 MW (67 MW).
 E As of 1000 hours, August 06, 2018, Cat Arm unit 2 unavailable due to planned outage (67 MW).
 F As of 1609 hours, August 07, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
 G As of 1118 hours, August 21, 2018, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
 H **At 1022 hours, August 23, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).**
 I **At 1109 hours, August 23, 2018, Upper Salmon Unit available (84 MW).**

**Section 2
Island Interconnected Supply and Demand**

| Fri, Aug 24, 2018 | 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 | 1,225 MW | Friday, August 24, 2018 | 20 | 19 | 760 | 760 |
| NLH Island Generation: ⁴ | 915 MW | Saturday, August 25, 2018 | 19 | 21 | 765 | 765 |
| NLH Island Power Purchases: ⁶ | 120 MW | Sunday, August 26, 2018 | 19 | 19 | 765 | 765 |
| Other Island Generation: | 190 MW | Monday, August 27, 2018 | 17 | 17 | 810 | 810 |
| ML/LIL Imports: | - MW | Tuesday, August 28, 2018 | 17 | 18 | 810 | 810 |
| Current St. John's Temperature & Windchill: 21 °C | N/A °C | Wednesday, August 29, 2018 | 16 | 17 | 815 | 815 |
| 7-Day Island Peak Demand Forecast: | 870 MW | Thursday, August 30, 2018 | 12 | 12 | 870 | 870 |

Supply Notes For August 24, 2018

- J **At 0651 hours, August 24, 2018, Granite Canal Unit available at 37 MW (40 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 System having no synchronous connections to 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 Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
 7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

| | | | |
|-------------------|--|-------|--------|
| Thu, Aug 23, 2018 | Actual Island Peak Demand ⁸ | 16:50 | 747 MW |
| Fri, Aug 24, 2018 | Forecast Island Peak Demand | | 760 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).