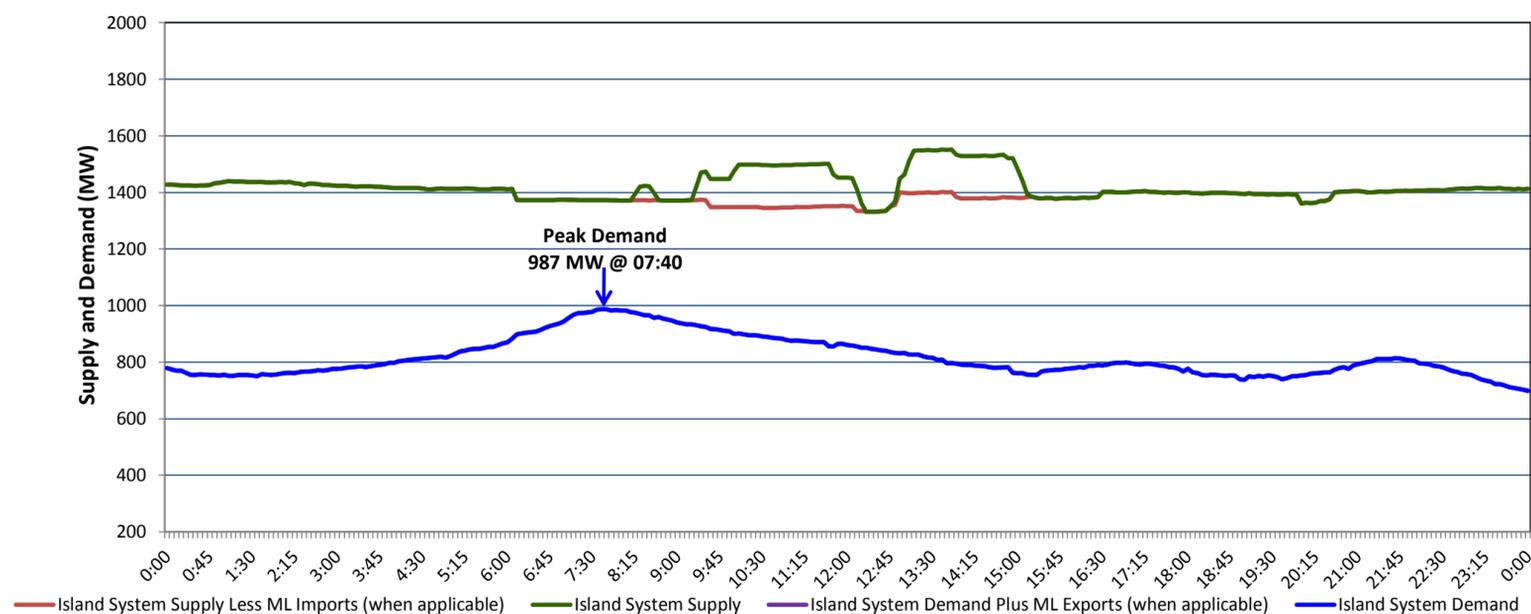


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, May 29, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, May 28, 2018**



Supply Notes For May 28, 2018

- 1,2
- A As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
 - B As of 1800 hours, April 29, 2018, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
 - C As of 0623 hours, May 08, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
 - D As of 1753 hours, May 13, 2018, Hardwoods Gas Turbine unavailable (50 MW).
 - E As of 0801 hours, May 15, 2018, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
 - F As of 1834 hours, May 21, 2018, Holyrood Unit 1 available at 116 MW (170 MW).
 - G As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
 - H At 0609 hours, May 28, 2018, Granite Canal Unit unavailable (40 MW).
 - I At 0932 hours, May 28, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
 - J At 1254 hours, May 28, 2018, Granite Canal Unit available (40 MW).

**Section 2
Island Interconnected Supply and Demand**

| Tue, May 29, 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 | 1,310 MW | Tuesday, May 29, 2018 | 7 | 6 | 965 | 965 |
| NLH Generation: ⁴ | 990 MW | Wednesday, May 30, 2018 | 4 | 3 | 1,050 | 1,050 |
| NLH Power Purchases: ⁶ | 120 MW | Thursday, May 31, 2018 | 4 | 4 | 1,010 | 1,010 |
| Maritime Link Imports: | - MW | Friday, June 01, 2018 | 5 | 5 | 945 | 945 |
| Other Island Generation: | 200 MW | Saturday, June 02, 2018 | 6 | 7 | 860 | 860 |
| Current St. John's Temperature & Windchill: 6 °C | N/A °C | Sunday, June 03, 2018 | 6 | 5 | 970 | 970 |
| 7-Day Island Peak Demand Forecast: | 1,050 MW | Monday, June 04, 2018 | 4 | 3 | 1,045 | 1,045 |

Supply Notes For May 29, 2018

- 3
- K At 0724 hours, May 29, 2018, Hinds Lake Unit unavailable (75 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 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 exports and the impact of voltage reduction, when applicable.

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

| | | | |
|-------------------|--|-------|--------|
| Mon, May 28, 2018 | Actual Island Peak Demand ⁸ | 07:40 | 987 MW |
| Tue, May 29, 2018 | Forecast Island Peak Demand | | 965 MW |

- Notes: 8. Island Demand / 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).