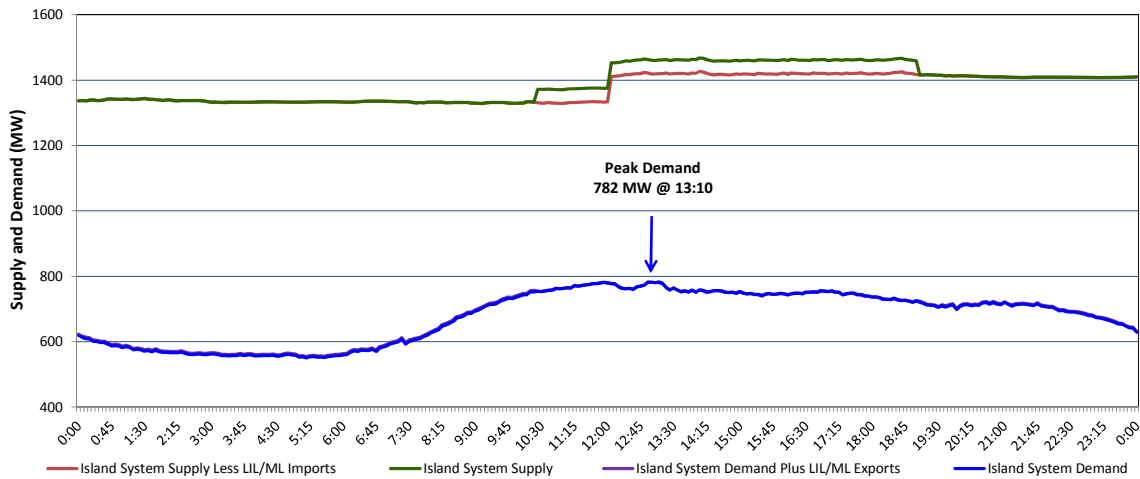


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, July 03, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, July 01, 2018**



Supply Notes For July 01, 2018

- A As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- B As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
- C As of 1357 hours, June 01, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- D As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- E As of 1242 hours, June 21, 2018, Holyrood Unit 1 available 88 MW (170 MW).
- F As of 0948 hours, June 27, 2018, Hinds Lake Unit unavailable due to planned outage (75 MW).
- G As of 1521 hours, June 29, 2018, St. Anthony Diesel Plant available 8.85 (9.7 MW).
- H As of 0847 hours, June 30, 2018, Hardwoods Gas Turbine available 25 MW (50 MW).
- I **At 1208 hours, July 01, 2018, Bay d'Espoir Unit 6 available (76.5 MW).**

**Section 2
Island Interconnected Supply and Demand**

Mon, Jul 02, 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	1,440	MW	Monday, July 02, 2018		9	10	830	830
NLH Island Generation: ⁴	1,090	MW	Tuesday, July 03, 2018		14	18	790	790
NLH Island Power Purchases: ⁶	140	MW	Wednesday, July 04, 2018		17	17	780	780
Other Island Generation:	210	MW	Thursday, July 05, 2018		17	9	790	790
ML/LIL Imports:	-	MW	Friday, July 06, 2018		12	16	805	805
Current St. John's Temperature & Windchill:	7°C	N/A	Saturday, July 07, 2018		15	13	775	775
7-Day Island Peak Demand Forecast:	830	MW	Sunday, July 08, 2018		14	11	760	760

Supply Notes For July 02, 2018

- 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**

Sun, Jul 01, 2018	Actual Island Peak Demand ⁸	13:10	782 MW
Mon, Jul 02, 2018	Forecast Island Peak Demand		830 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).