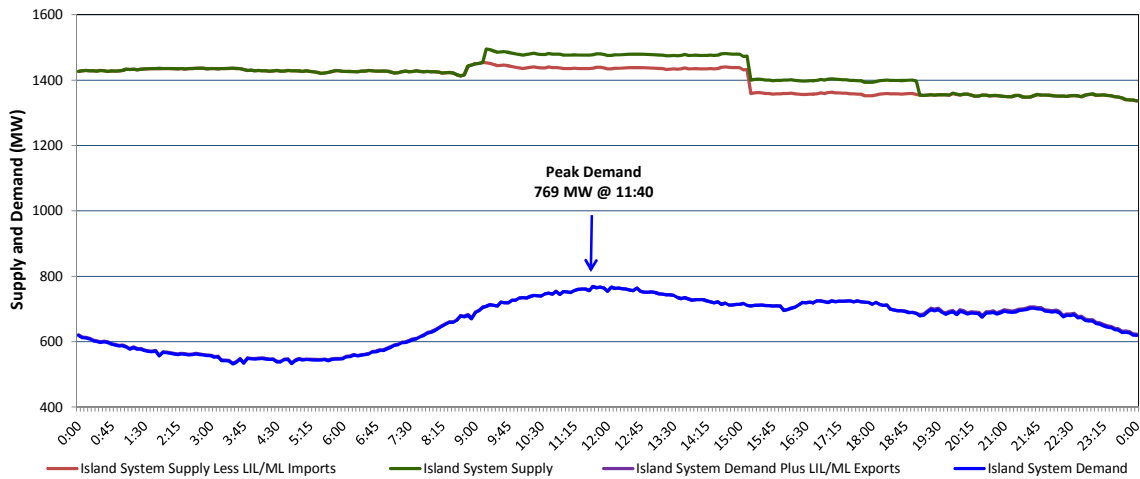


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, July 03, 2018

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, June 30, 2018



#### Supply Notes For June 30, 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 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 **At 0847 hours, June 30, 2018, Hardwoods Gas Turbine available 25 MW (50 MW).**
- I **At 1512 hours, June 30, 2018, Bay d'Espoir Unit 6 unavailable (76.5 MW).**

### Section 2 Island Interconnected Supply and Demand

Sun, Jul 01, 2018	Island System Outlook <sup>3</sup>		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)		
					Morning	Evening			Forecast
Available Island System Supply: <sup>5</sup>	1,335	MW	Sunday, July 01, 2018		9	12	815	815	
NLH Island Generation: <sup>4</sup>	1,015	MW	Monday, July 02, 2018		12	11	835	835	
NLH Island Power Purchases: <sup>6</sup>	110	MW	Tuesday, July 03, 2018		18	17	795	795	
Other Island Generation:	210	MW	Wednesday, July 04, 2018		19	18	785	785	
ML/LIL Imports:	-	MW	Thursday, July 05, 2018		14	15	795	795	
Current St. John's Temperature & Windchill:	9°C	N/A	°C	Friday, July 06, 2018		16	16	795	795
7-Day Island Peak Demand Forecast:	835	MW	Saturday, July 07, 2018		17	14	770	770	

#### Supply Notes For July 01, 2018 3

- 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

Sat, Jun 30, 2018	Actual Island Peak Demand <sup>8</sup>	11:40	769 MW
Sun, Jul 01, 2018	Forecast Island Peak Demand		815 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).