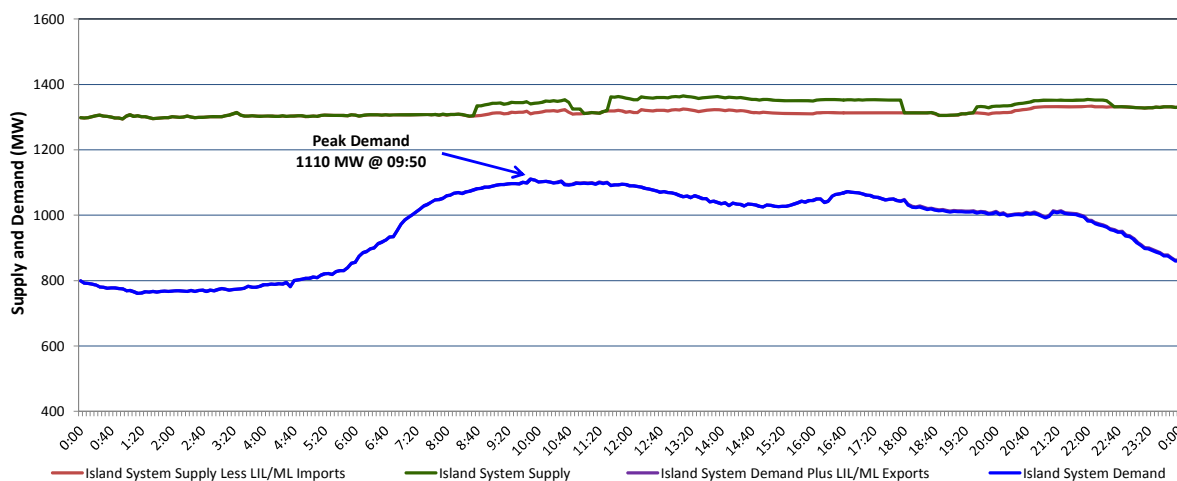


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, June 27, 2018

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Tuesday, June 26, 2018



#### Supply Notes For June 26, 2018 <sup>1,2</sup>

- 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 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
- E As of 1357 hours, June 01, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- F As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- G As of 0945 hours, June 11, 2018, Hardwoods Gas Turbine unavailable due to a planned outage 25 MW (50 MW).
- H As of 1242 hours, June 21, 2018, Holyrood Unit 1 available 88 MW (170 MW).

### Section 2 Island Interconnected Supply and Demand

Wed, Jun 27, 2018	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,498 MW	Wednesday, June 27, 2018	7	13	1,010	1,010
NLH Island Generation: <sup>4</sup>	985 MW	Thursday, June 28, 2018	13	15	870	870
NLH Island Power Purchases: <sup>6</sup>	155 MW	Friday, June 29, 2018	18	15	795	795
Other Island Generation:	205 MW	Saturday, June 30, 2018	17	15	785	785
ML/LIL Imports:	153 MW	Sunday, July 01, 2018	14	11	775	775
Current St. John's Temperature & Windchill:	4°C	Monday, July 02, 2018	15	16	800	800
7-Day Island Peak Demand Forecast:	1,010 MW	Tuesday, July 03, 2018	17	19	800	800

#### Supply Notes For June 27, 2018 <sup>3</sup>

- 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

Tue, Jun 26, 2018	Actual Island Peak Demand <sup>8</sup>	9:50	1,110 MW
Wed, Jun 27, 2018	Forecast Island Peak Demand		1,010 MW

Notes: <sup>8</sup> 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).