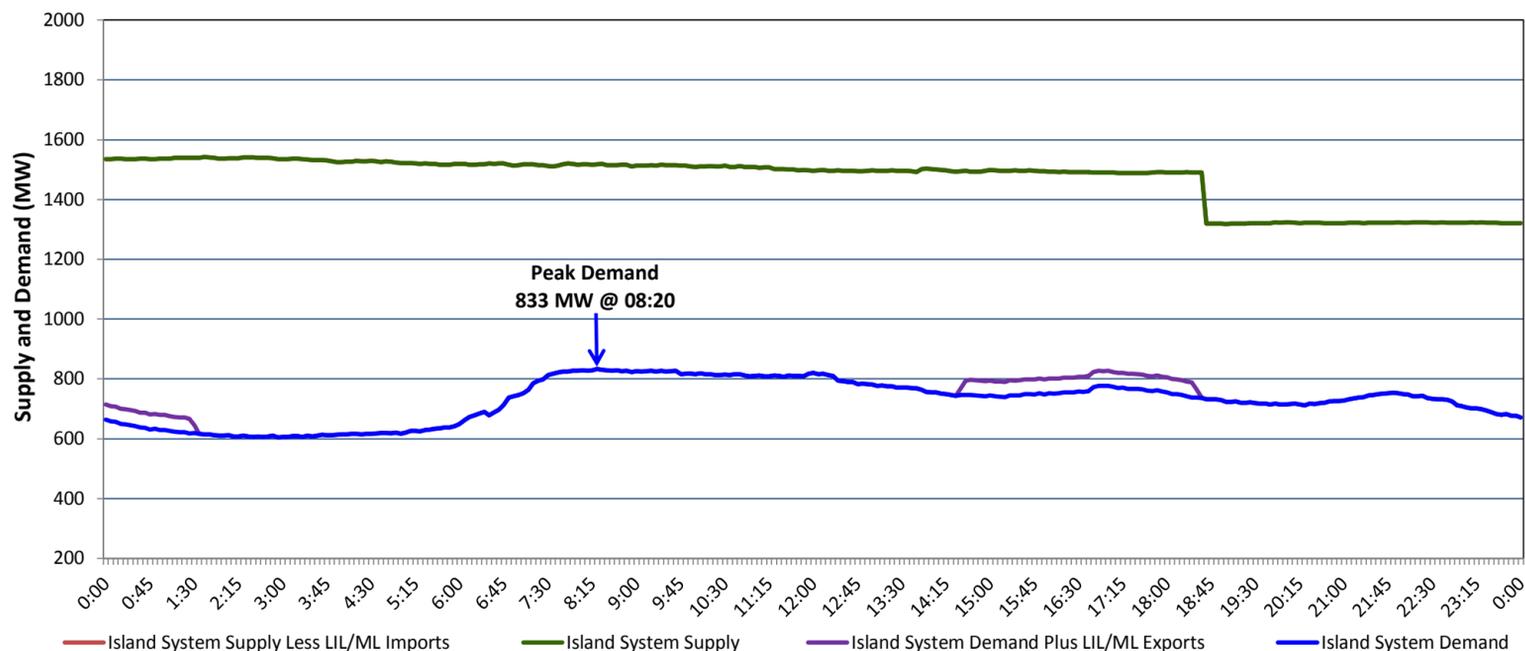


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, June 10, 2019**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, June 07, 2019**



**Supply Notes For June 07, 2019**

1,2

- A As of 0000 hours, April 01, 2019, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 0729 hours, May 12, 2019, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- C As of 1000 hours, May 16, 2019, Holyrood Unit 2 removed from service for economic dispatch (170 MW).
- D As of 1303 hours, May 26, 2019, Bay d'Espoir Unit 7 unavailable due to planned outage (153.4 MW).
- E As of 1057 hours, May 28, 2019, Stephenville Gas Turbine unavailable due to planned outage (50 MW).
- F **At 1837 hours, June 07, 2019, Holyrood Unit 1 removed from service for economic dispatch (170 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Sat, Jun 08, 2019	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>	1,340	MW		Saturday, June 08, 2019	8	12	825	825
NLH Island Generation: <sup>4</sup>	995	MW		Sunday, June 09, 2019	7	4	965	965
NLH Island Power Purchases: <sup>6</sup>	100	MW		Monday, June 10, 2019	5	4	1,000	1,000
Other Island Generation:	215	MW		Tuesday, June 11, 2019	8	10	900	900
ML/LIL Imports:	30	MW		Wednesday, June 12, 2019	10	11	945	945
Current St. John's Temperature & Windchill:	10 °C	N/A	°C	Thursday, June 13, 2019	12	11	820	820
7-Day Island Peak Demand Forecast:	1,000	MW		Friday, June 14, 2019	9	6	850	850

**Supply Notes For June 08, 2019**

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- 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
  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 and capacity assistance (when applicable).
  7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Fri, Jun 07, 2019	Actual Island Peak Demand <sup>8</sup>	08:20	833 MW
Sat, Jun 08, 2019	Forecast Island Peak Demand		825 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).