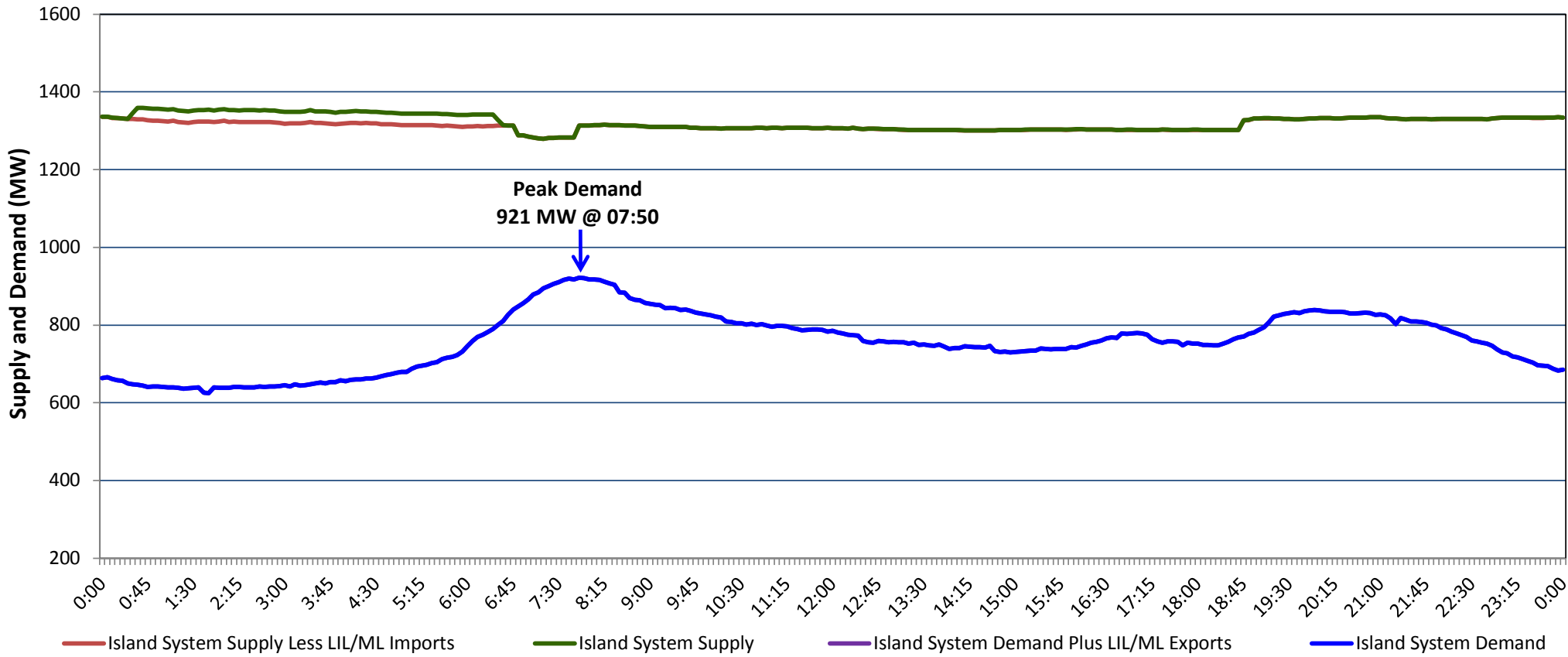


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, October 03, 2018

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, October 02, 2018



Supply Notes For October 02, 2018

- AAs of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
- BAs of 1118 hours, August 21, 2018, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- CAs of 1034 hours, September 17, 2018, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- DAs of 2004 hours, September 22, 2018, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- EAs of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- FAt 0649 hours, October 02, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- GAt 0750 hours, October 02, 2018, Holyrood Unit 2 available at full capacity (170 MW).
- HAt 1843 hours, October 02, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Oct 03, 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 NLH Island Generation: ⁴ NLH Island Power Purchases: ⁶ Other Island Generation: ML/LIL Imports: Current St. John's Temperature & Windchill: 3 °C 7-Day Island Peak Demand Forecast:	1,350	MW		Wednesday, October 03, 2018	5	6	1,035	1,035
	1,070	MW		Thursday, October 04, 2018	9	11	940	940
	95	MW		Friday, October 05, 2018	16	7	950	950
	185	MW		Saturday, October 06, 2018	7	7	975	975
	-	MW		Sunday, October 07, 2018	6	6	970	970
	N/A	°C		Monday, October 08, 2018	7	6	935	935
	1,080	MW		Tuesday, October 09, 2018	4	6	1,080	1,080

Supply Notes For October 03, 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 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

Tue, Oct 02, 2018	Actual Island Peak Demand ⁸	07:50	921 MW
Wed, Oct 03, 2018	Forecast Island Peak Demand		1,035 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).