

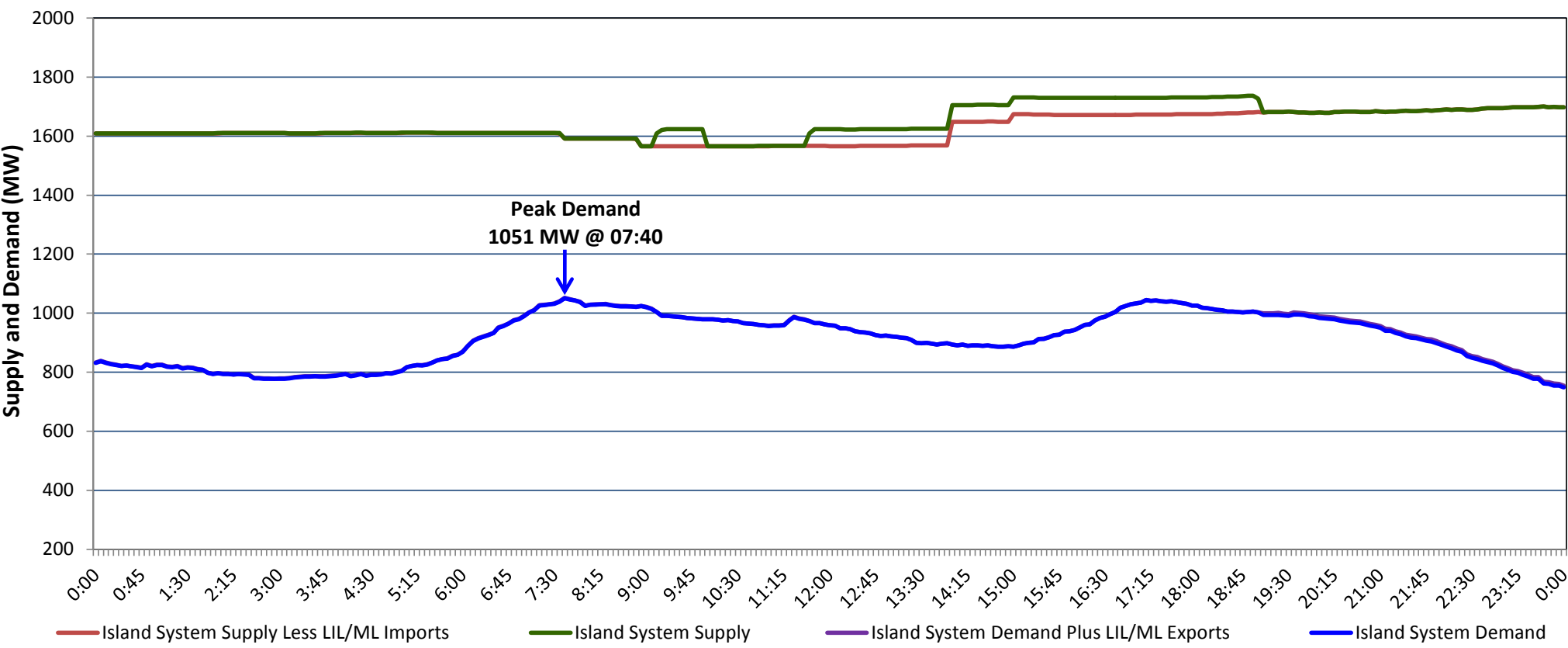
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Wednesday, November 07, 2018

Section 1

Island Interconnected System Supply, Demand & Exports

Actual 24 Hour System Performance For Tuesday, November 06, 2018



Supply Notes For November 06, 2018

- A As of 1155 hours, October 22, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).
- B As of 2017 hours, November 03, 2018, Holyrood Unit 1 unavailable due to planned outage 40 MW (170 MW).
- C At 0855 hours, November 06, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- D At 1400 hours, November 06, 2018, Holyrood Unit 3 available at full capacity (150 MW).
- E At 1500 hours, November 06, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

Section 2

Island Interconnected Supply and Demand

Wed, Nov 07, 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				1,715	MW	Wednesday, November 07, 2018		6	10	1,130	1,037
NLH Island Generation: ⁴				1,415	MW	Thursday, November 08, 2018		7	6	1,175	1,081
NLH Island Power Purchases: ⁶				105	MW	Friday, November 09, 2018		5	3	1,180	1,086
Other Island Generation:				195	MW	Saturday, November 10, 2018		2	3	1,180	1,086
ML/LIL Imports:				-	MW	Sunday, November 11, 2018		9	3	1,200	1,106
Current St. John's Temperature & Windchill:				6 °C	N/A °C	Monday, November 12, 2018		2	1	1,340	1,245
7-Day Island Peak Demand Forecast:				1,340	MW	Tuesday, November 13, 2018		0	-1	1,300	1,205

Supply Notes For November 07, 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, Nov 06, 2018	Actual Island Peak Demand ⁸	07:40	1,051 MW
Wed, Nov 07, 2018	Forecast Island Peak Demand		1,130 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).