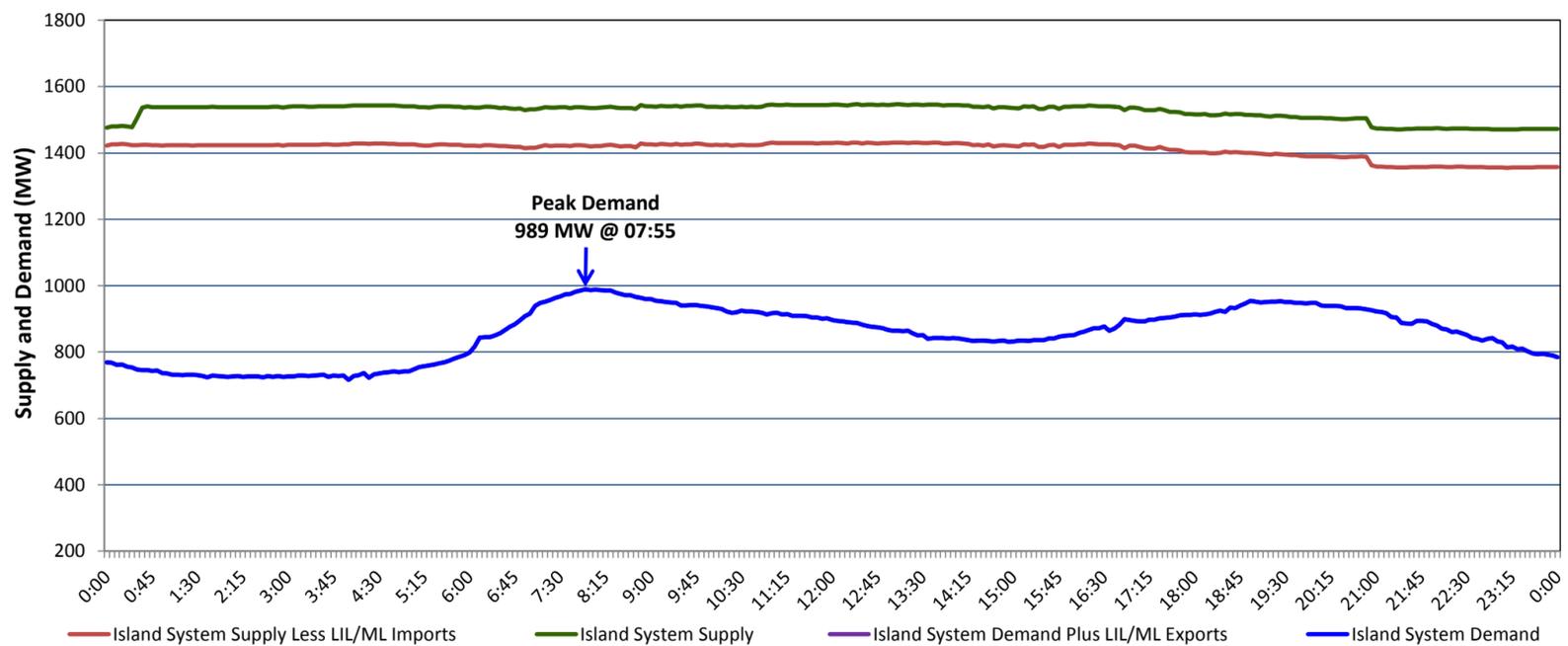


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, October 18, 2018

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, October 17, 2018



Supply Notes For October 17, 2018

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- A As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
- B As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- C As of 0757 hours, October 08, 2018, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- D As of 1011 hours, October 15, 2018, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
- E **At 2055 hours, October 17, 2018, Stephenville Gas Turbine unavailable 25 MW (50 MW).**

Section 2 Island Interconnected Supply and Demand

Thu, Oct 18, 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	1,435 MW	Thursday, October 18, 2018	8	7	1,020	1,020
NLH Island Generation: ⁴	1,120 MW	Friday, October 19, 2018	4	3	1,120	1,120
NLH Island Power Purchases: ⁶	85 MW	Saturday, October 20, 2018	4	8	1,080	1,080
Other Island Generation:	205 MW	Sunday, October 21, 2018	13	14	980	980
ML/LIL Imports:	25 MW	Monday, October 22, 2018	10	5	1,035	1,035
Current St. John's Temperature & Windchill:	7 °C	Tuesday, October 23, 2018	5	4	1,085	1,085
7-Day Island Peak Demand Forecast:	1,145 MW	Wednesday, October 24, 2018	5	10	1,145	1,145

Supply Notes For October 18, 2018

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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 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

Wed, Oct 17, 2018	Actual Island Peak Demand ⁸	07:55	989 MW
Thu, Oct 18, 2018	Forecast Island Peak Demand		1,020 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).