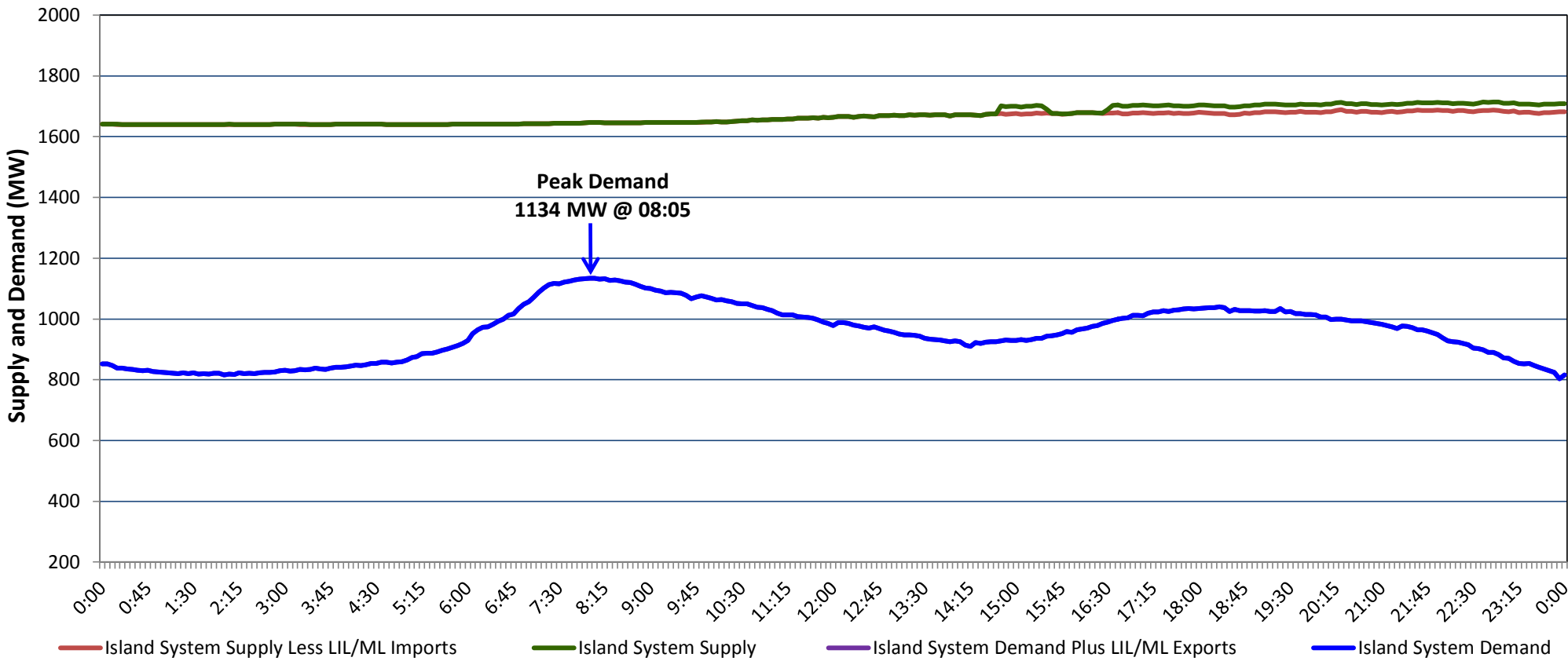


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Thursday, October 25, 2018

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



Supply Notes For October 24, 2018

- A As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- B As of 0837 hours, October 21, 2018, Holyrood Unit 1 available at 140 MW (170 MW).
- C As of 1155 hours, October 22, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).
- D As of 0831 hours, October 23, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).

Section 2  
Island Interconnected Supply and Demand

Thu, Oct 25, 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>	1,795	MW		Thursday, October 25, 2018	8	9	1,035	1,035
NLH Island Generation: <sup>4</sup>	1,380	MW		Friday, October 26, 2018	6	5	1,050	1,050
NLH Island Power Purchases: <sup>6</sup>	120	MW		Saturday, October 27, 2018	4	2	1,110	1,110
Other Island Generation:	205	MW		Sunday, October 28, 2018	5	6	1,175	1,175
ML/LIL Imports:	90	MW		Monday, October 29, 2018	10	16	1,010	1,010
Current St. John's Temperature & Windchill:	7 °C	N/A	°C	Tuesday, October 30, 2018	14	14	955	955
7-Day Island Peak Demand Forecast:	1,175	MW		Wednesday, October 31, 2018	16	10	970	970

Supply Notes For October 25, 2018

- Notes:
- 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.
  - 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.
  - As of 0800 Hours.
  - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  - Gross output from all Island sources (including Note 4).
  - NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
  - 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 24, 2018	Actual Island Peak Demand <sup>8</sup>	08:05	1,134 MW
Thu, Oct 25, 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).