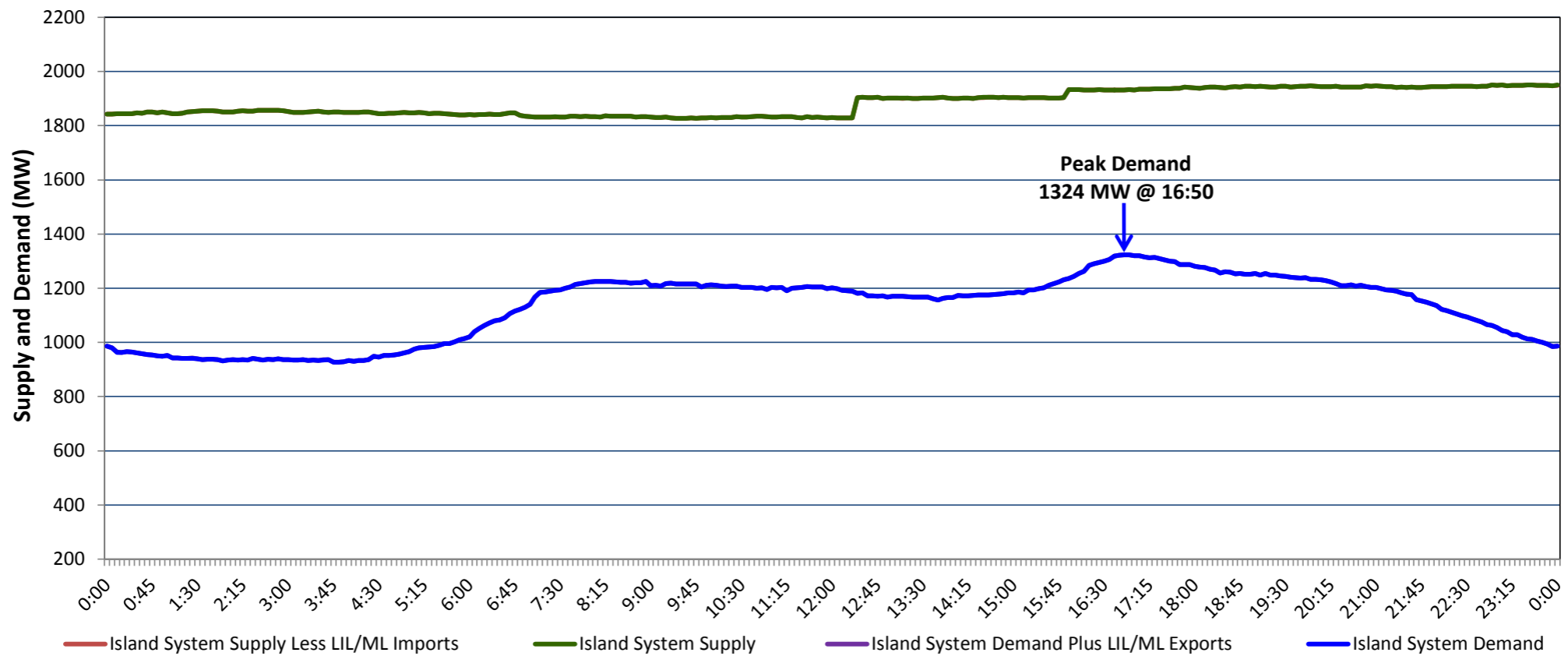


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, November 28, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, November 27, 2018**



Supply Notes For November 27, 2018

- 1,2
- A As of 0729 hours, November 09, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
 B As of 1844 hours, November 26, 2018, Hardwoods Gas Turbine available at 25 MW (50 MW).
 C At 1225 hours, November 27, 2018, Hinds Lake Unit available (75 MW).
 D At 1552 hours, November 27, 2018, Holyrood Unit 1 available at full capacity (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Nov 28, 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	1,960 MW	Wednesday, November 28, 2018	2	2	1,295	1,200
NLH Island Generation: ⁴	1,645 MW	Thursday, November 29, 2018	3	2	1,265	1,170
NLH Island Power Purchases: ⁶	115 MW	Friday, November 30, 2018	2	2	1,380	1,284
Other Island Generation:	200 MW	Saturday, December 01, 2018	2	1	1,305	1,210
ML/LIL Imports:	- MW	Sunday, December 02, 2018	-1	-1	1,320	1,225
Current St. John's Temperature & Windchill: 0 °C	N/A °C	Monday, December 03, 2018	-2	3	1,440	1,343
7-Day Island Peak Demand Forecast:	1,440 MW	Tuesday, December 04, 2018	3	1	1,355	1,259

Supply Notes For November 28, 2018

- 3
- 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**

Tue, Nov 27, 2018	Actual Island Peak Demand ⁸	16:50	1,324 MW
Wed, Nov 28, 2018	Forecast Island Peak Demand		1,295 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).