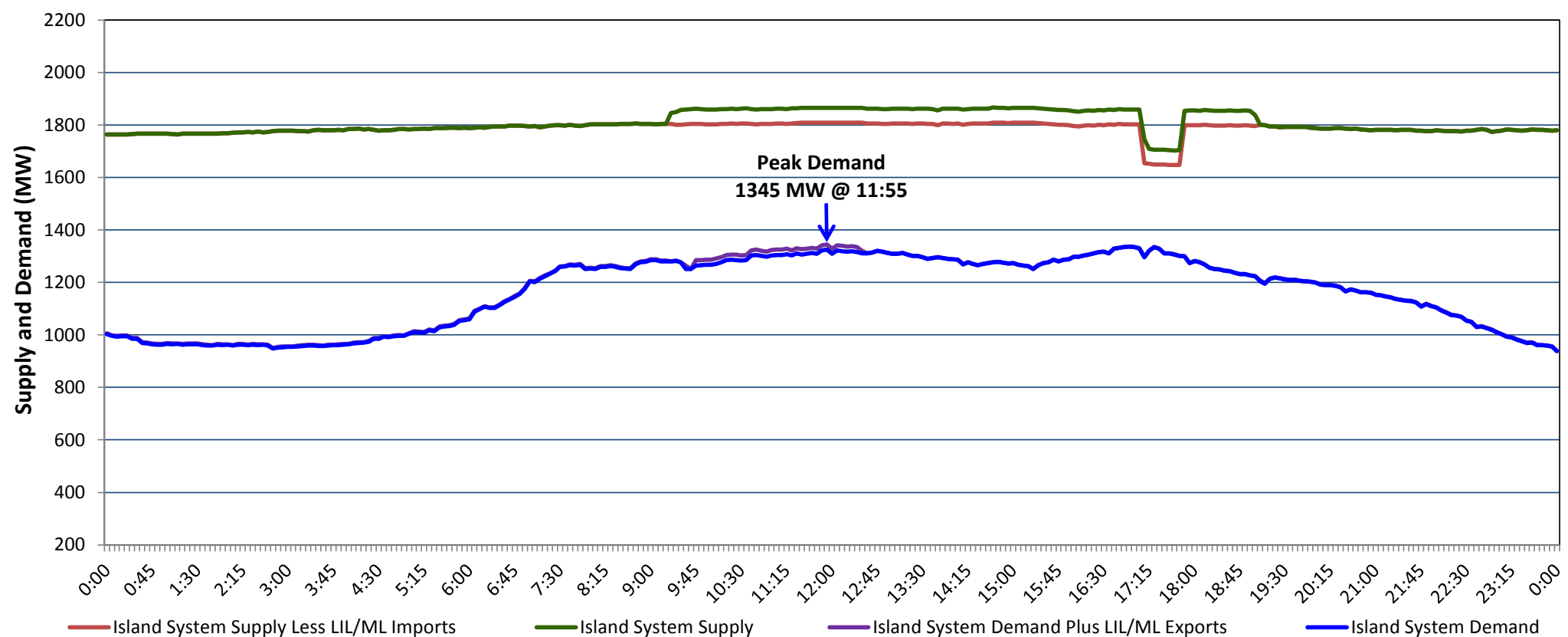


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, December 04, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, December 03, 2018**



**Supply Notes For December 03, 2018**

- A As of 1635 hours, November 28, 2018, Holyrood Unit 1 available at 160 MW (170 MW).
- B As of 0756 hours, November 30, 2018, Hardwoods Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- C As of 2001 hours, November 30, 2018, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- D At 1709 hours, December 04, 2018, Holyrood Unit 3 unavailable (150 MW).
- E At 1748 hours, December 04, 2018, Holyrood Unit 3 available (150 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, Dec 04, 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>	1,775	MW	Tuesday, December 04, 2018	2	-1	1,310	1,209
NLH Island Generation: <sup>4</sup>	1,465	MW	Wednesday, December 05, 2018	-4	-6	1,475	1,372
NLH Island Power Purchases: <sup>6</sup>	120	MW	Thursday, December 06, 2018	-6	-2	1,455	1,352
Other Island Generation:	190	MW	Friday, December 07, 2018	-1	-4	1,405	1,303
ML/LIL Imports:	-	MW	Saturday, December 08, 2018	-4	-5	1,465	1,362
Current St. John's Temperature & Windchill:	1 °C	N/A °C	Sunday, December 09, 2018	-7	-5	1,445	1,342
7-Day Island Peak Demand Forecast:	1,540	MW	Monday, December 10, 2018	-6	-8	1,540	1,436

**Supply Notes For December 04, 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 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**

Mon, Dec 03, 2018	Actual Island Peak Demand <sup>8</sup>	11:55	1,345 MW
Tue, Dec 04, 2018	Forecast Island Peak Demand		1,310 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).