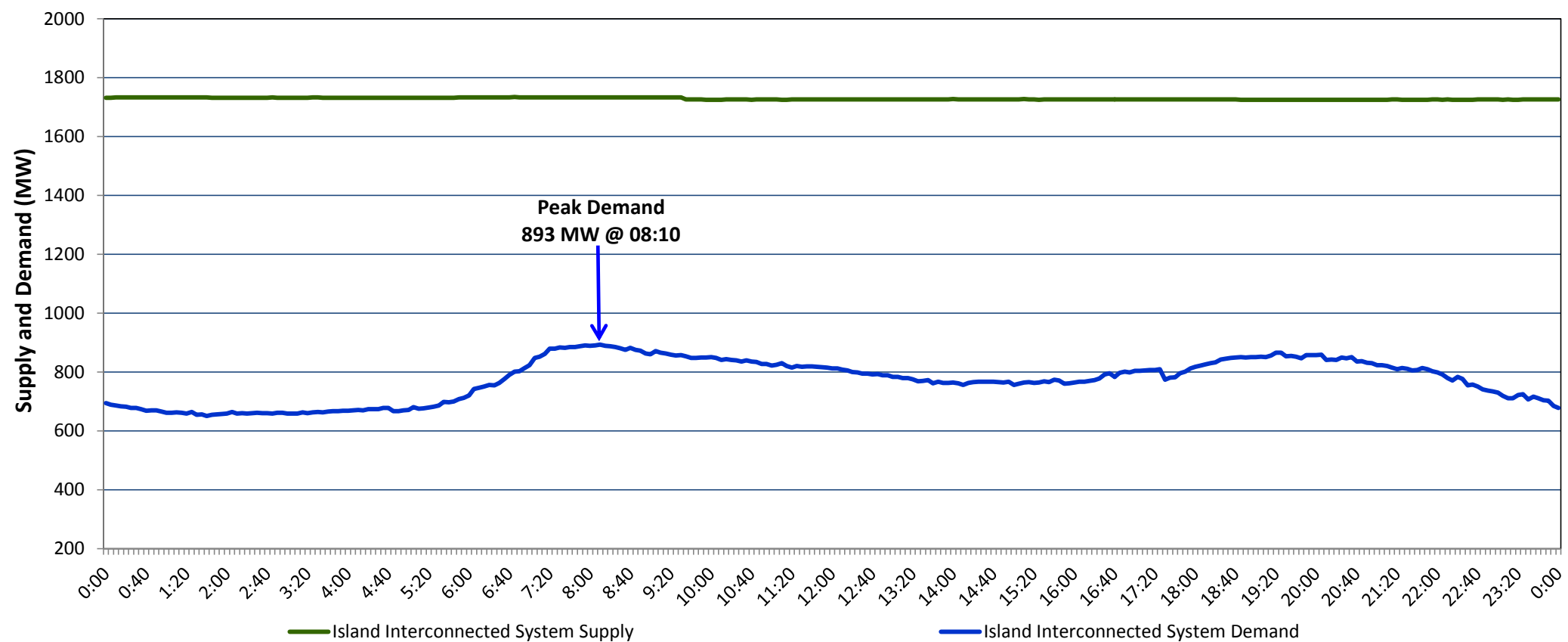


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, October 27, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, October 26, 2017**



Supply Notes For October 26, 2017

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- A As of 0827 hours, July 31, 2017, Holyrood Unit 2 unavailable due to planned outage 165 MW (170 MW).
- B As of 0658 hours, October 23, 2017, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- C As of 0814 hours, October 25, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
- D **At 0934 hours, October 26, 2017, Holyrood Unit 3 available at 142 MW (150 MW).**

**Section 2
Island Interconnected Supply and Demand**

Fri, Oct 27, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,705 MW	Friday, October 27, 2017	7	5	910
NLH Generation: ⁴	1,430 MW	Saturday, October 28, 2017	5	5	960
NLH Power Purchases: ⁶	85 MW	Sunday, October 29, 2017	6	7	990
Other Island Generation:	190 MW	Monday, October 30, 2017	5	3	1,045
Current St. John's Temperature:	6 °C	Tuesday, October 31, 2017	10	9	960
Current St. John's Windchill:	N/A °C	Wednesday, November 01, 2017	9	8	1,025
7-Day Island Peak Demand Forecast:	1,105 MW	Thursday, November 02, 2017	5	4	1,105

Supply Notes For October 27, 2017

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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 Interconnected System being isolated from 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

Thu, Oct 26, 2017	Actual Island Peak Demand ⁸	08:10	893 MW
Fri, Oct 27, 2017	Forecast Island Peak Demand		910 MW

- Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).