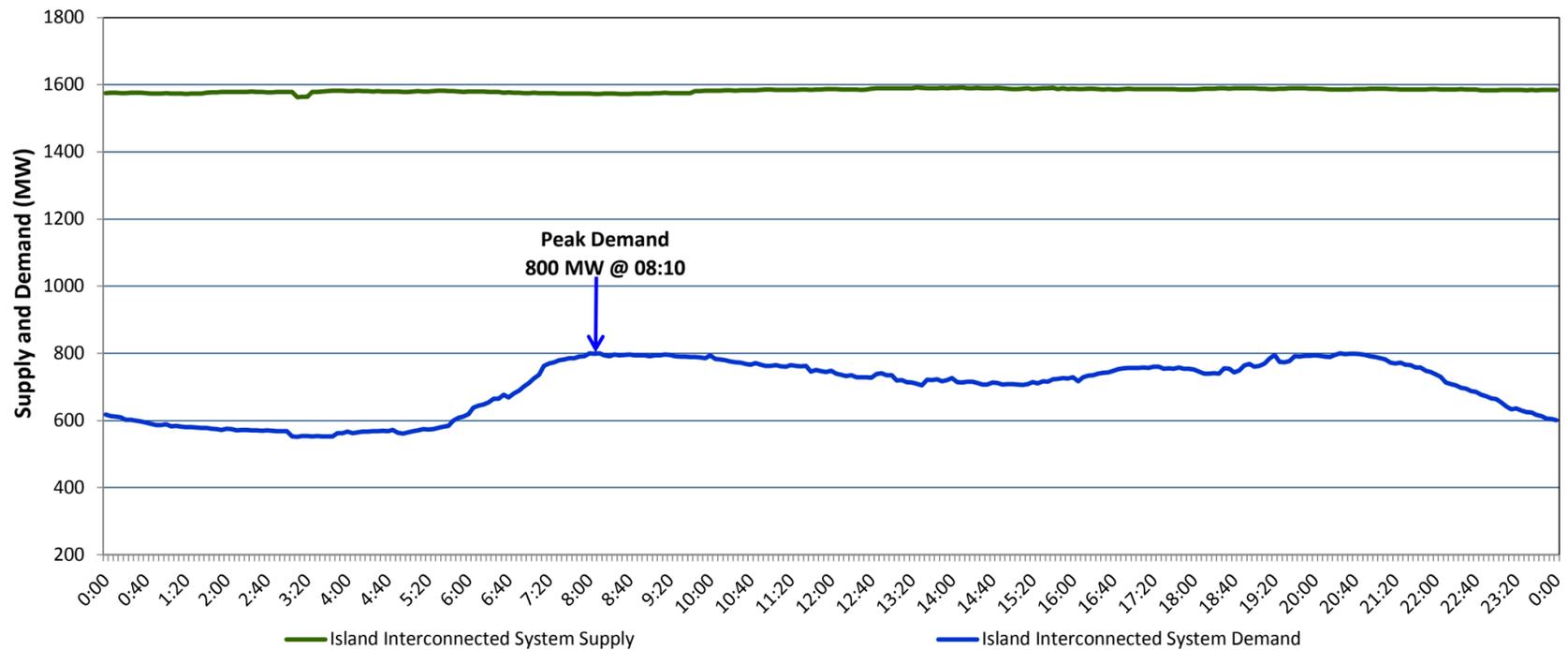


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, September 26, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, September 25, 2017**



Supply Notes For September 25, 2017

^{1,2}

- A As of 0827 hours, July 31, 2017, Holyrood Unit 2 unavailable due to planned outage 165 MW (170 MW).
- B As of 1527 hours, September 17, 2017, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
- C As of 1229 hours, September 22, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- D As of 1619 hours, September 22, 2017, Holyrood Unit 3 removed from service for economic dispatch (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Tue, Sep 26, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,630 MW	Tuesday, September 26, 2017	12	11	850
NLH Generation: ⁴	1,280 MW	Wednesday, September 27, 2017	8	8	880
NLH Power Purchases: ⁶	150 MW	Thursday, September 28, 2017	13	17	850
Other Island Generation:	200 MW	Friday, September 29, 2017	10	8	930
Current St. John's Temperature:	10 °C	Saturday, September 30, 2017	8	7	950
Current St. John's Windchill:	N/A °C	Sunday, October 01, 2017	7	10	915
7-Day Island Peak Demand Forecast:	950 MW	Monday, October 02, 2017	10	5	950

Supply Notes For September 26, 2017

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 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**

Mon, Sep 25, 2017	Actual Island Peak Demand ⁸	08:10	800 MW
Tue, Sep 26, 2017	Forecast Island Peak Demand		850 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).