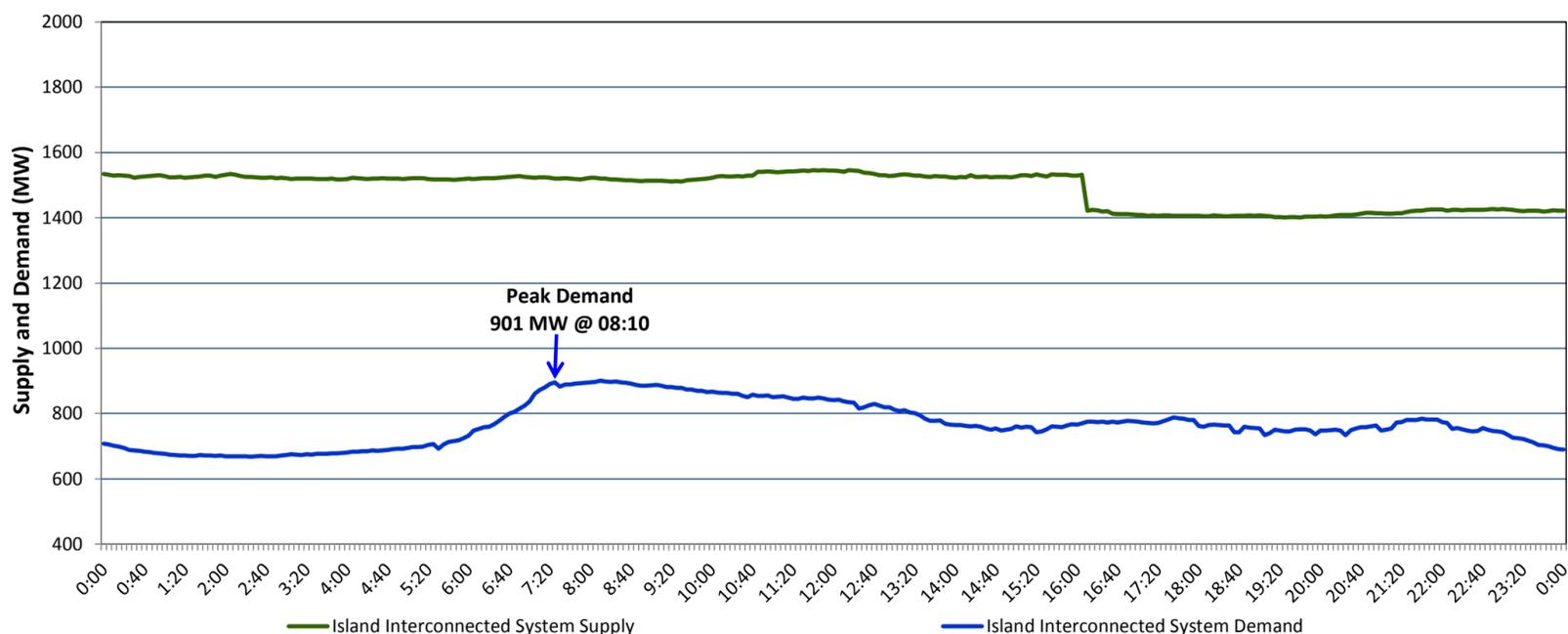


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, June 05, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, June 02, 2017**



Supply Notes For June 02, 2017

- 1,2
- A As of 2003 hours, May 03, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
 - B As of 1510 hours, May 07, 2017, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - C As of 1300 hours, May 16, 2017, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
 - D As of 1544 hours, May 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
 - E As of 0810 hours, May 24, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
 - F As of 0259 hours, May 30, 2017, Holyrood Unit 2 available at 165 MW (170 MW).
 - G As of 1147 hours, May 31, 2017, Holyrood Unit 3 unavailable due to planned outage 147 MW (150 MW).
 - H As of 1730 hours, May 31, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - I At 1606 hours, June 02, 2017, Holyrood Unit 1 was removed from service for economic dispatch 110 MW (170 MW).
 - J At 1632 hours, June 02, 2017, Paradise River Unit unavailable (8 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Jun 03, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,395 MW	Saturday, June 03, 2017	8	5	895
NLH Generation: ⁴	1,110 MW	Sunday, June 04, 2017	7	5	940
NLH Power Purchases: ⁶	85 MW	Monday, June 05, 2017	3	4	1,065
Other Island Generation:	200 MW	Tuesday, June 06, 2017	5	7	945
Current St. John's Temperature:	6 °C	Wednesday, June 07, 2017	6	5	925
Current St. John's Windchill:	N/A °C	Thursday, June 08, 2017	6	9	900
7-Day Island Peak Demand Forecast:	1,065 MW	Friday, June 09, 2017	5	5	975

Supply Notes For June 03, 2017

- 3
- K At 0721 hours, June 03, 2017, Paradise River Unit available (8 MW).

- 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 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.
 - 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 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**

Fri, Jun 02, 2017	Actual Island Peak Demand ⁸	08:10	901 MW
Sat, Jun 03, 2017	Forecast Island Peak Demand		895 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).