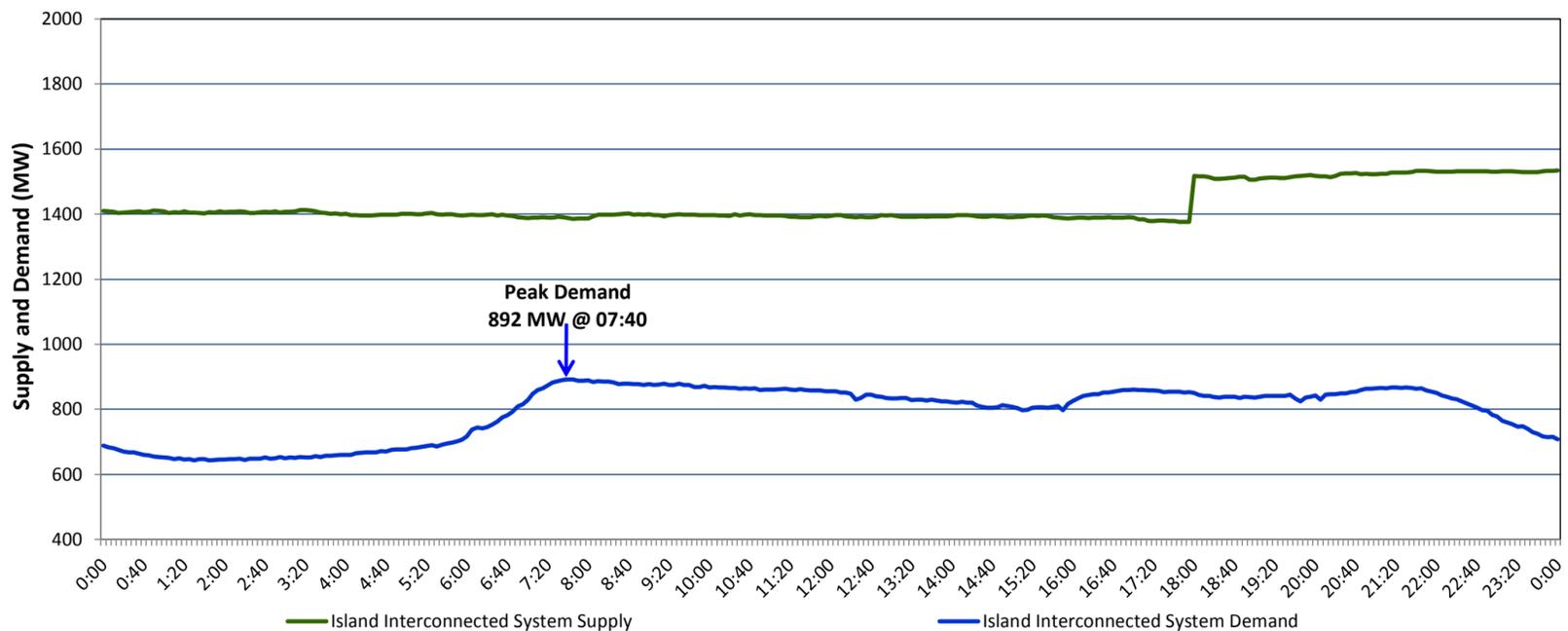


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, June 02, 2017**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Thursday, June 01, 2017**



**Supply Notes For June 01, 2017**

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- 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 0826 hours, May 23, 2017, Holyrood Unit 1 available at 110 MW (170 MW).
- F As of 0810 hours, May 24, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
- G As of 0259 hours, May 30, 2017, Holyrood Unit 2 available at 165 MW (170 MW).
- H As of 1147 hours, May 31, 2017, Holyrood Unit 3 unavailable due to planned outage 147 MW (150 MW).
- I As of 1730 hours, May 31, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- J At 1800 hours, June 01, 2017, Holyrood Combustion Turbine available (123.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Jun 02, 2017	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: <sup>5</sup>	1,520 MW	Friday, June 02, 2017	9	12	930
NLH Generation: <sup>4</sup>	1,220 MW	Saturday, June 03, 2017	7	6	920
NLH Power Purchases: <sup>6</sup>	95 MW	Sunday, June 04, 2017	7	6	905
Other Island Generation:	205 MW	Monday, June 05, 2017	4	4	1,030
Current St. John's Temperature:	6 °C	Tuesday, June 06, 2017	4	7	950
Current St. John's Windchill:	N/A °C	Wednesday, June 07, 2017	4	6	980
7-Day Island Peak Demand Forecast:	1,030 MW	Thursday, June 08, 2017	12	12	835

**Supply Notes For June 02, 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, Jun 01, 2017	Actual Island Peak Demand <sup>8</sup>	07:40	892 MW
Fri, Jun 02, 2017	Forecast Island Peak Demand		930 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).