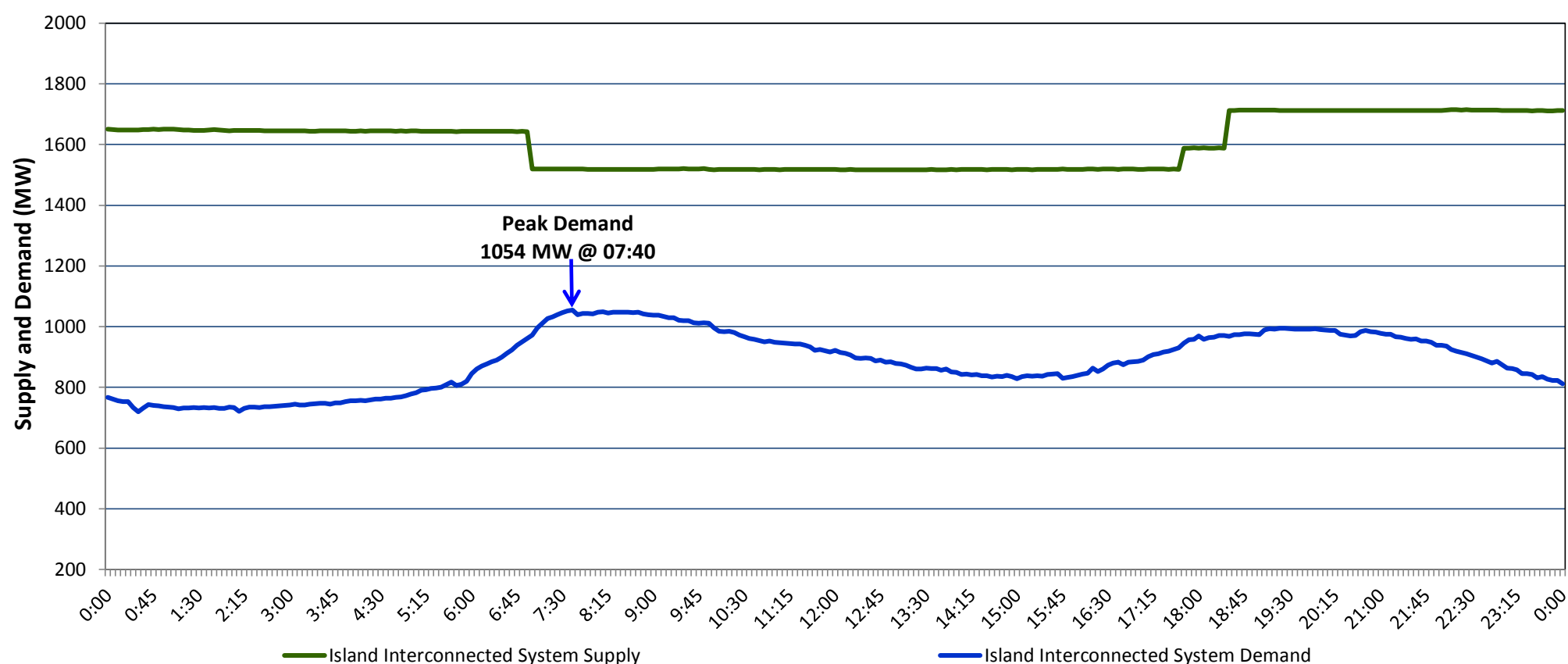


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, November 03, 2017**

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



**Supply Notes For November 02, 2017**

- <sup>1,2</sup>
- A As of 0814 hours, October 25, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
  - B As of 0652 hours, October 30, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
  - C As of 0658 hours, October 30, 2017, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
  - D At 0700 hours, November 02, 2017, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
  - E At 1745 hours, November 02, 2017, Holyrood Unit 2 available at 70 MW (170 MW).
  - F At 1826 hours, November 02, 2017, Holyrood Combustion Turbine available (123.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Nov 03, 2017	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>	1,705 MW	Friday, November 03, 2017	5	8	1,055	963
NLH Generation: <sup>4</sup>	1,435 MW	Saturday, November 04, 2017	12	5	1,050	958
NLH Power Purchases: <sup>6</sup>	90 MW	Sunday, November 05, 2017	-1	-1	1,185	1,091
Other Island Generation:	180 MW	Monday, November 06, 2017	1	7	1,210	1,116
Current St. John's Temperature:	3 °C	Tuesday, November 07, 2017	12	2	1,230	1,136
Current St. John's Windchill:	N/A °C	Wednesday, November 08, 2017	4	1	1,255	1,160
7-Day Island Peak Demand Forecast:	1,255 MW	Thursday, November 09, 2017	1	1	1,210	1,116

**Supply Notes For November 03, 2017**

- <sup>3</sup>
- 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.
  - Adjusted for CBP&P interruptible load and the impact of voltage reduction, when applicable.

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

Thu, Nov 02, 2017	Actual Island Peak Demand <sup>8</sup>	07:40	1,054 MW
Fri, Nov 03, 2017	Forecast Island Peak Demand		1,055 MW

- Notes: <sup>8</sup> 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).