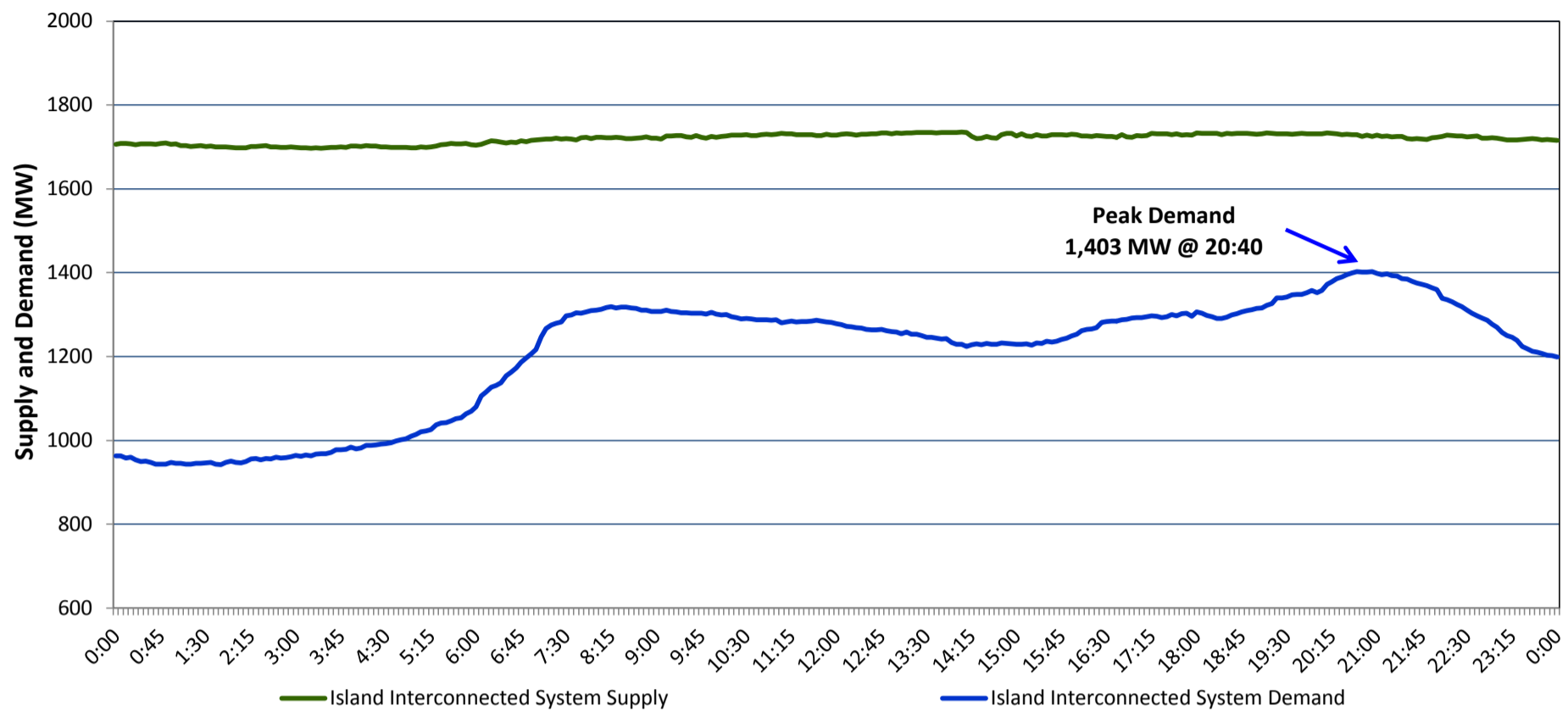


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, April 17, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Thursday, April 16, 2015**



**Supply Notes For April 16, 2015**

- A As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- B As of 1400 hours, April 05, 2015, Bay d'Espoir Unit 2 removed from service for annual maintenance (76.5 MW).
- C As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- D As of 1055 hours, April 13, 2015, Stephenville Gas Turbine removed from service (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Apr 17, 2015	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>	1,715 MW	Friday, April 17, 2015	-4	2	1,420
NLH Generation: <sup>4</sup>	1,390 MW	Saturday, April 18, 2015	2	0	1,210
NLH Power Purchases:	125 MW	Sunday, April 19, 2015	-1	-2	1,190
Other Island Generation:	200 MW	Monday, April 20, 2015	-4	-1	1,290
Current St. John's Temperature:	-5 °C	Tuesday, April 21, 2015	-2	1	1,240
Current St. John's Windchill:	-13 °C	Wednesday, April 22, 2015	1	2	1,145
7-Day Island Peak Demand Forecast:	1,420 MW	Thursday, April 23, 2015	1	2	1,125

**Supply Notes For April 17, 2015**

- 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 underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency 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).

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

Thu, Apr 16, 2015	Actual Island Peak Demand <sup>7</sup>	20:40	1,403 MW
Fri, Apr 17, 2015	Forecast Island Peak Demand		1,420 MW

Notes: 7. 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).