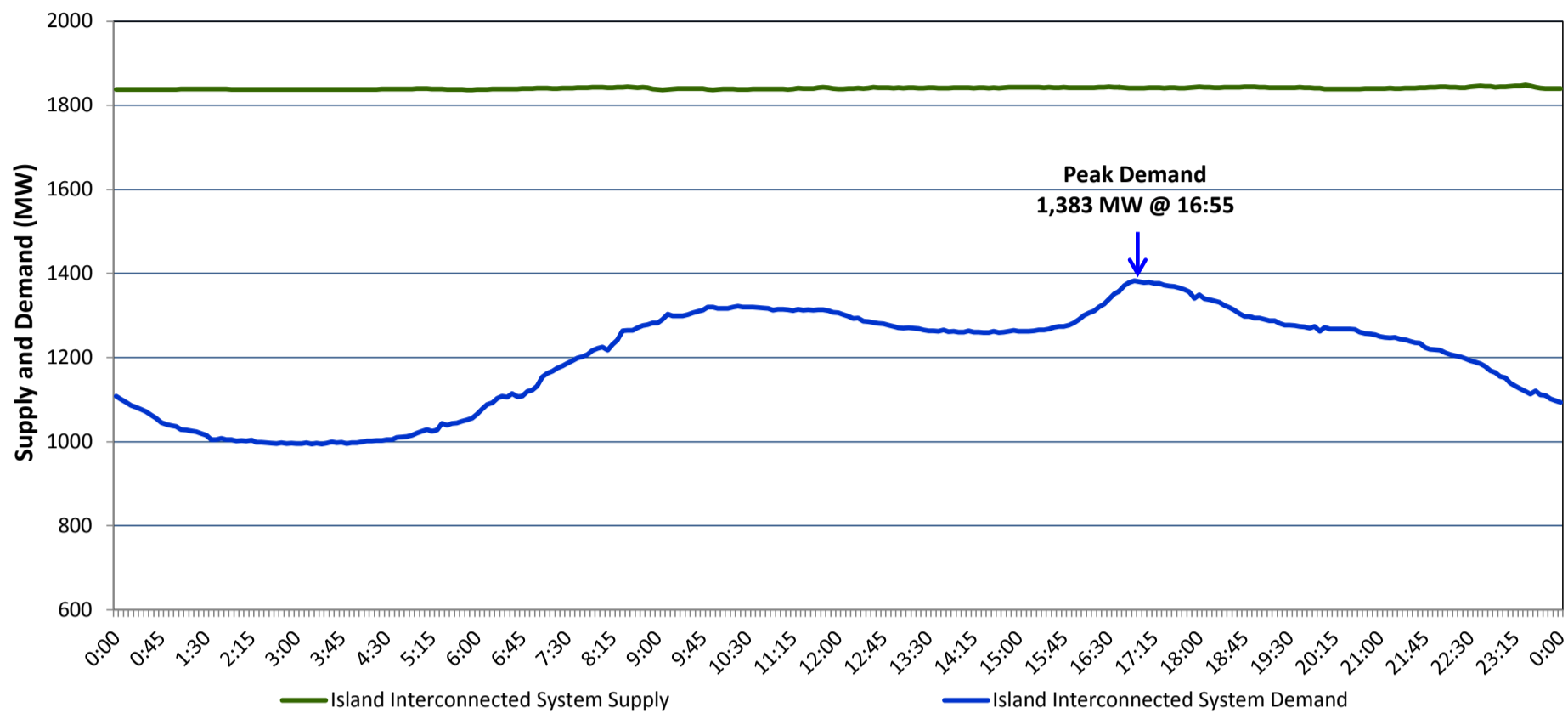


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, December 29, 2014**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Wednesday, December 24, 2014**



**Supply Notes for December 24, 2014<sup>1,2</sup>**

- A As of 1000 hours, November 21, 2014, Nalcor Exploits Unit 4 unavailable due to a forced outage (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
- B As of 1711 hours, December 12, 2014, the Hardwoods Gas Turbine End 'B' unavailable (25 MW).
- C As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).

**Section 2  
Island Interconnected Supply and Demand**

Thu, Dec 25, 2014	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>6</sup>
Available Island System Supply: <sup>5</sup>	1,865 MW	Thursday, December 25, 2014	-3	3	1,325	1,230
NLH Generation: <sup>4</sup>	1,520 MW	Friday, December 26, 2014	4	2	1,250	1,155
NLH Power Purchases:	120 MW	Saturday, December 27, 2014	0	-1	1,425	1,330
Other Island Generation:	225 MW	Sunday, December 28, 2014	-2	-1	1,375	1,280
Current St. John's Temperature:	-1 °C	Monday, December 29, 2014	-1	-4	1,550	1,450
Current St. John's Windchill:	-7 °C	Tuesday, December 30, 2014	-7	-6	1,575	1,475
7-Day Island Peak Demand Forecast:	1,575 MW	Wednesday, December 31, 2014	-7	-7	1,500	1,400

**Supply Notes for December 25, 2014<sup>3</sup>**

- 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).
  6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

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

Wed, Dec 24, 2014	Actual Island Peak Demand <sup>7</sup>	16:55	1,383 MW
Thu, Dec 25, 2014	Forecast Island Peak Demand		1,325 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).