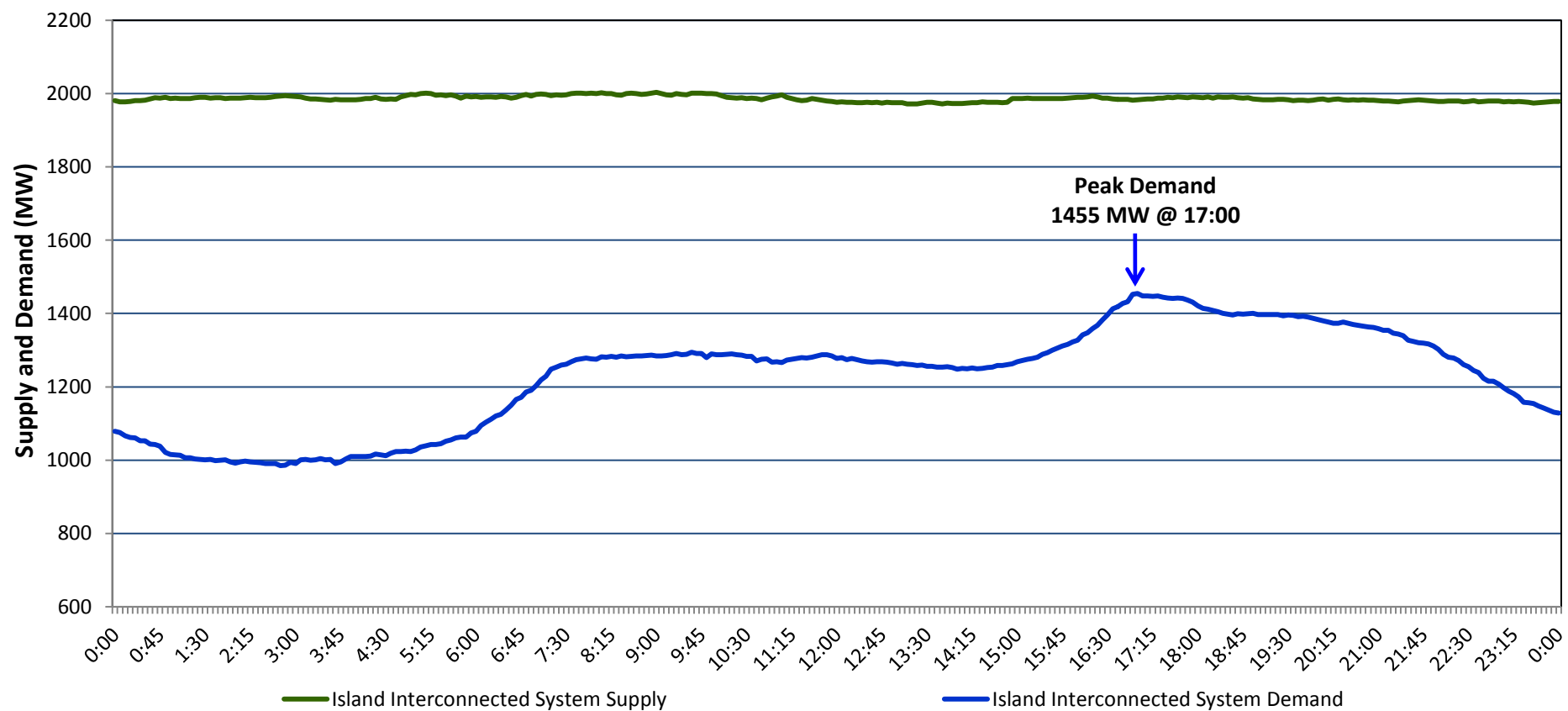


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, January 05, 2016**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Monday, January 04, 2016**



**Supply Notes For January 04, 2016**

- A** As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.  
**B** As of 1437 hours, December 12, 2015, Holyrood Unit 1 available. Derated to 155 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, Jan 05, 2016	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>	2,000 MW	Tuesday, January 05, 2016	-7	-9	1,595	1,496
NLH Generation: <sup>4</sup>	1,680 MW	Wednesday, January 06, 2016	-6	-4	1,490	1,393
NLH Power Purchases:	110 MW	Thursday, January 07, 2016	-4	-3	1,475	1,378
Other Island Generation:	210 MW	Friday, January 08, 2016	-8	-6	1,550	1,452
Current St. John's Temperature:	-8 °C	Saturday, January 09, 2016	-5	-2	1,405	1,309
Current St. John's Windchill:	-15 °C	Sunday, January 10, 2016	-1	-1	1,340	1,244
7-Day Island Peak Demand Forecast:	1,595 MW	Monday, January 11, 2016	4	4	1,310	1,215

**Supply Notes For January 05, 2016**

- 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**

Mon, Jan 04, 2016	Actual Island Peak Demand <sup>7</sup>	17:00	1,455 MW
Tue, Jan 05, 2016	Forecast Island Peak Demand		1,595 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).