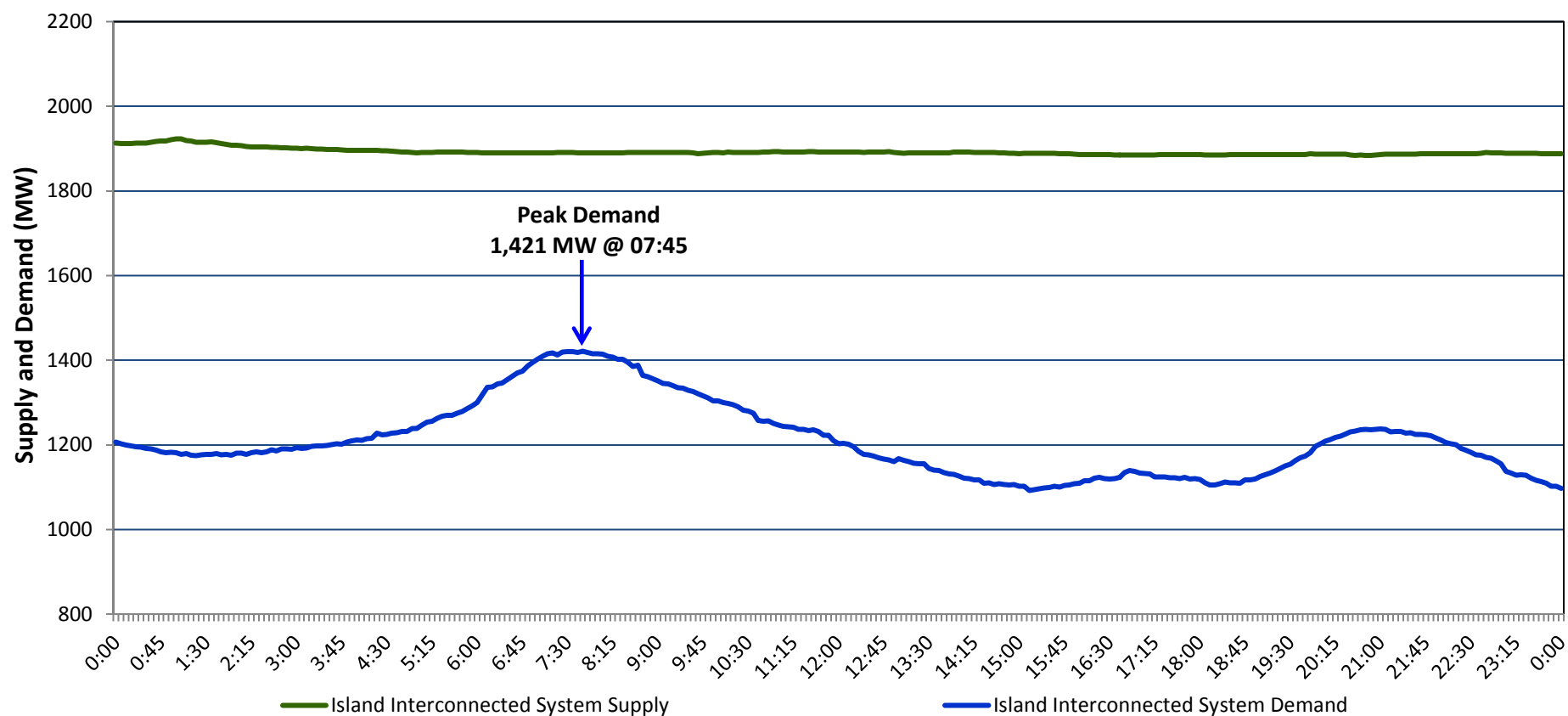


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, April 08, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, April 07, 2015**



**Supply Notes For April 07, 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).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Apr 08, 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>	<b>1,875 MW</b>	Wednesday, April 08, 2015	-5	-5	<b>1,400</b>
NLH Generation: <sup>4</sup>	1,590 MW	Thursday, April 09, 2015	-9	-5	1,505
NLH Power Purchases:	110 MW	Friday, April 10, 2015	-6	-3	1,455
Other Island Generation:	175 MW	Saturday, April 11, 2015	0	5	1,105
Current St. John's Temperature:	-7 °C	Sunday, April 12, 2015	2	0	1,220
Current St. John's Windchill:	-12 °C	Monday, April 13, 2015	-2	-1	1,210
7-Day Island Peak Demand Forecast:	<b>1,505 MW</b>	Tuesday, April 14, 2015	4	2	1,105

**Supply Notes For April 08, 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**

Tue, Apr 07, 2015	Actual Island Peak Demand <sup>7</sup>	07:45	1,421 MW
Wed, Apr 08, 2015	Forecast Island Peak Demand		1,400 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).