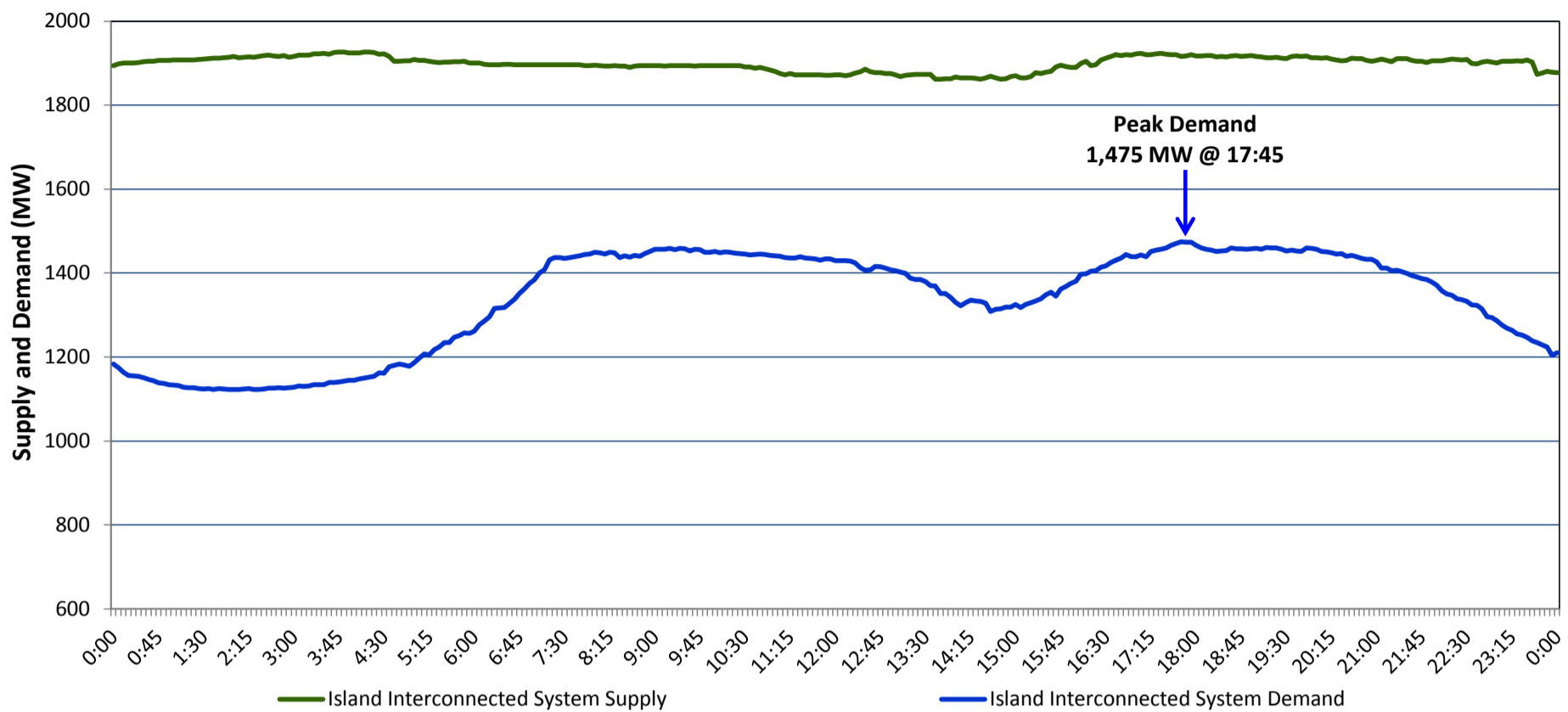


**Newfoundland Labrador Hydro (NLH)**  
**Supply and Demand Status Report Filed Wednesday, February 04, 2015**

**Section 1**  
**Island Interconnected System Supply and Demand**  
**Actual 24 Hour System Performance For Tuesday, February 03, 2015**



**Supply Notes for February 02, 2015<sup>1,2</sup>**

- A As of 1016 hours, January 30, 2015, St. Anthony Diesel Plant G5 (Unit 546) unavailable (2 MW).
- B At 2111 hours, February 03, 2015, Hawke's Bay Diesel Plant G1 unavailable (2.5 MW).
- C At 2111 hours, February 03, 2015, Hawke's Bay Diesel Plant G2 unavailable (2.5 MW).
- D At 2337 hours, February 03, 2015, Nalcor Exploits Grand Falls Unit 9 tripped offline (30 MW).

**Section 2**  
**Island Interconnected Supply and Demand**

Wed, Feb 04, 2015	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>b</sup>
Available Island System Supply: <sup>5</sup>	1,900 MW	Wednesday, February 04, 2015	-10	-11	1,585	1,485
NLH Generation: <sup>4</sup>	1,560 MW	Thursday, February 05, 2015	-10	-1	1,440	1,345
NLH Power Purchases:	130 MW	Friday, February 06, 2015	3	-2	1,415	1,320
Other Island Generation:	210 MW	Saturday, February 07, 2015	-10	-6	1,490	1,395
Current St. John's Temperature:	-9 °C	Sunday, February 08, 2015	-2	-9	1,415	1,320
Current St. John's Windchill:	-19 °C	Monday, February 09, 2015	-12	-10	1,610	1,510
7-Day Island Peak Demand Forecast:	1,610 MW	Tuesday, February 10, 2015	-14	-12	1,265	1,170

**Supply Notes for February 03, 2015<sup>3</sup>**

- E At 0009 hours, February 04, 2015, Nalcor Exploits Grand Falls Unit 9 returned to service (30 MW).

- 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**

Tue, Feb 03, 2015	Actual Island Peak Demand <sup>7</sup>	17:45	1,475 MW
Wed, Feb 04, 2015	Forecast Island Peak Demand		1,585 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).