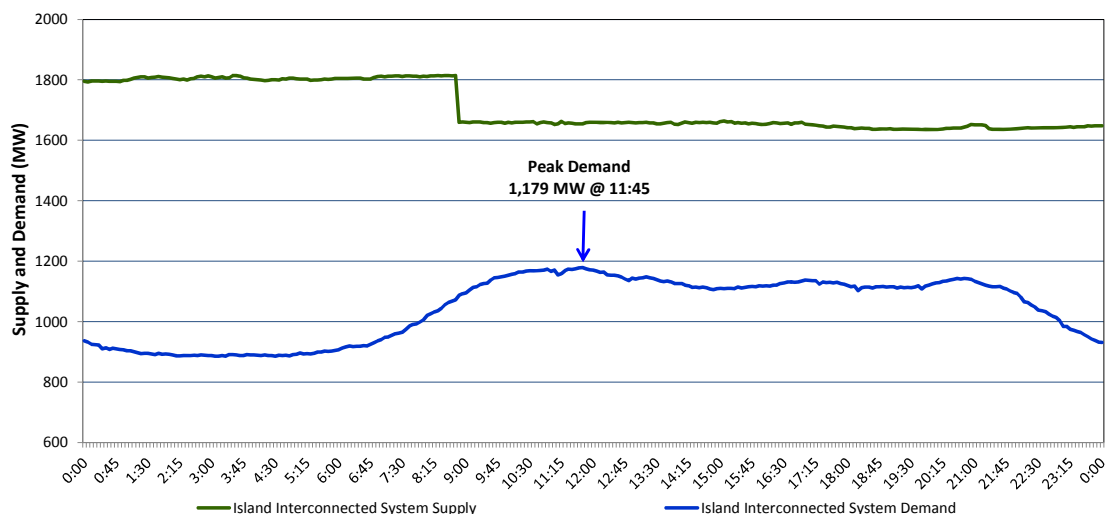


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, April 27, 2015

## Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Sunday, April 26, 2015



### Supply Notes For April 26, 2015

- A** As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).  
**B** As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).  
**C** As of 1055 hours, April 13, 2015, Stephenville Gas Turbine removed from service (50 MW).  
**D** At 0843 hours, April 26, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).  
**E** At 0843 hours, April 26, Bay d'Espoir Unit 2 removed from service for maintenance (76.5 MW).

## Section 2 Island Interconnected Supply and Demand

Mon, Apr 27, 2015    Island System Outlook <sup>3</sup>			Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: <sup>5</sup>	1,640	MW	Monday, April 27, 2015		1,180
NLH Generation: <sup>4</sup>	1,315	MW	Tuesday, April 28, 2015		1,180
NLH Power Purchases:	120	MW	Wednesday, April 29, 2015		1,160
Other Island Generation:	205	MW	Thursday, April 30, 2015		1,200
Current St. John's Temperature:	1	°C	Friday, May 01, 2015		1,160
Current St. John's Windchill:	n/a	°C	Saturday, May 02, 2015		1,005
7-Day Island Peak Demand Forecast:	1,200	MW	Sunday, May 03, 2015		1,110

### Supply Notes For April 27, 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

Sun, Apr 26, 2015	Actual Island Peak Demand <sup>7</sup>	11:45	1,179 MW
Mon, Apr 27, 2015	Forecast Island Peak Demand		1,180 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).