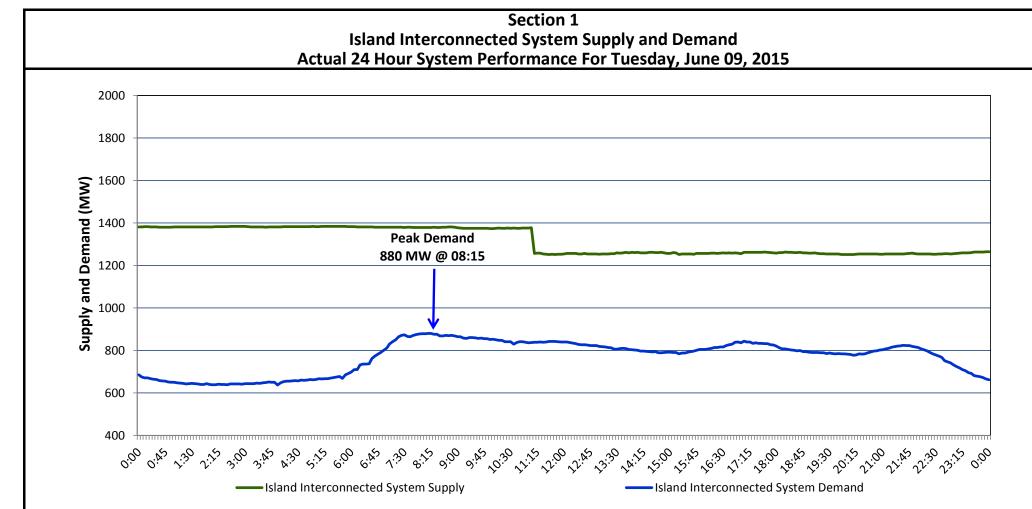
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, June 10, 2015 (Revised - June 11, 2015)



## Supply Notes For June 09, 2015

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- As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- C As of 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
- **D** As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
- E As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
- F As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
- **G** As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- As of 0946 hours, June 08, 2015, Star Lake Unit removed from service (18 MW).
- At 1109 hours, June 09, 2015, Holyrood Combustion Turbine removed from service for maintenance (123.5 MW)

Section 2 Island Interconnected Supply and Demand								
Wed, Jun 10, 2015 Island System Outlook <sup>3</sup>		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)			
				Morning	Evening	Forecast		
Available Island System Supply:5	1,240	MW	Wednesday, June 10, 2015	11	9	820		
NLH Generation: <sup>4</sup>	930	MW	Thursday, June 11, 2015	9	15	855		
NLH Power Purchases:	95	MW	Friday, June 12, 2015	13	13	820		
Other Island Generation:	215	MW	Saturday, June 13, 2015	13	8	810		
Current St. John's Temperature:	11	°C	Sunday, June 14, 2015	10	7	850		
Current St. John's Windchill:	N/A	°C	Monday, June 15, 2015	7	9	900		
7-Day Island Peak Demand Forecast:	900	MW	Tuesday, June 16, 2015	9	11	865		

## Supply Notes For June 10, 2015

## At 0616 hours, June 10, 2015, Granite Canal Unit removed from service for maintenance (40 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).

Section 3  Island Peak Demand Information  Previous Day Actual Peak and Current Day Forecast Peak							
Tue, Jun 09, 2015	Actual Island Peak Demand <sup>7</sup>	08:15	880 MW				
Wed, Jun 10, 2015	Forecast Island Peak Demand		820 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).