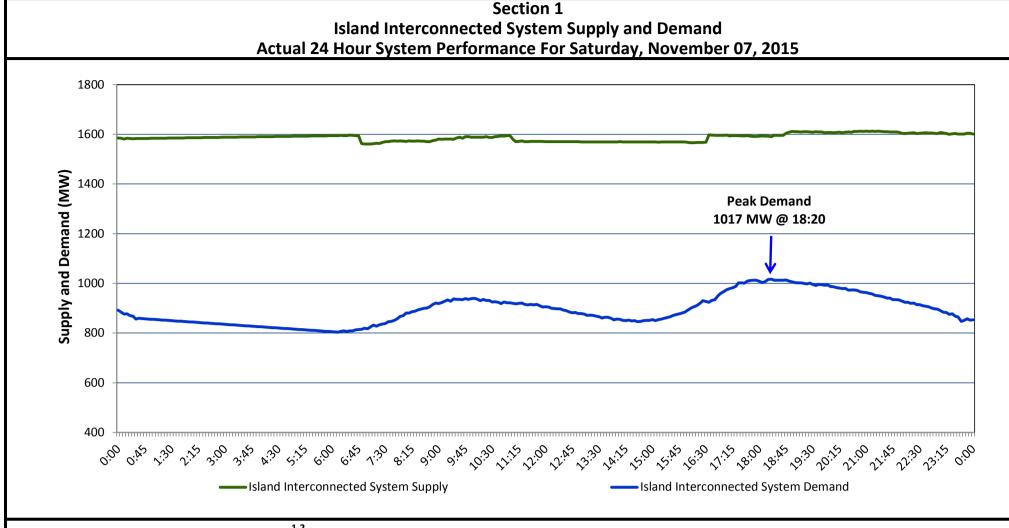
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, November 09, 2015



## Supply Notes For November 07, 2015

- As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
- As of 0911 hours, November 01, 2015, Cat Arm Unit 1 unavailable (67 MW).
- As of 1327 hours, November 04, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 25MW, End B 19MW.
- As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- At 0648 hours, November 07, 2015, Hinds Lake Unit unavailable, previously derated to 30 MW (75 MW).
- H At 1735 hours, November 07, 2015, Hinds Lake Unit available, previously derated to 30 MW (75 MW).

Section 2 Island Interconnected Supply and Demand									
Sun, Nov 08, 2015 Island System Outlook <sup>3</sup>		Seven-Day Forecast	_	erature C) Evening	Island System Daily Peak Demand (MW) Forecast				
Available Island System Supp	oly: <sup>5</sup> <b>1,580</b>	MW	Sunday, November 08, 2015	4	1	1,225			
NLH Generation: <sup>4</sup>	1,245	MW	Monday, November 09, 2015	0	-1	1,300			
NLH Power Purchases:	140	MW	Tuesday, November 10, 2015	4	3	1,150			
Other Island Generation:	195	MW	Wednesday, November 11, 2015	0	-1	1,185			
Current St. John's Temperature: 4		°C	Thursday, November 12, 2015	0	1	1,235			
Current St. John's Windchill:	N/A	°C	Friday, November 13, 2015	1	1	1,195			
7-Day Island Peak Demand F	orecast: <b>1,300</b>	MW	Saturday, November 14, 2015	4	7	1,140			

## **Supply Notes For November 08, 2015**

## At 0701 hours, November 08, 2015, Hinds Lake Unit unavailable, previously derated to 30 MW (75 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							
Sat, Nov 07, 2015	Actual Island Peak Demand <sup>7</sup>	18:20	1,017 MW				
Sun, Nov 08, 2015	Forecast Island Peak Demand		1,225 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).