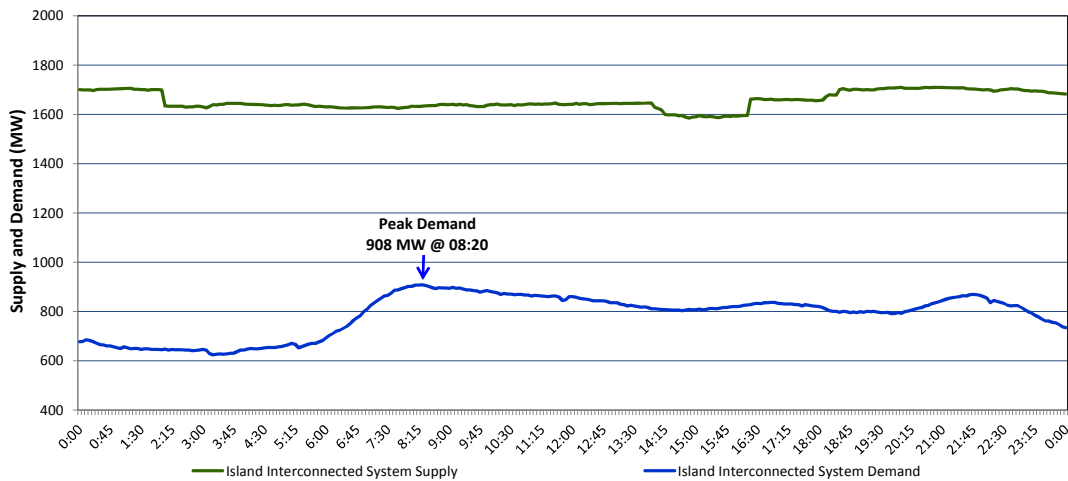


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, May 22, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Thursday, May 21, 2015



Supply Notes For May 21, 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 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
 D As of 1034 hours, May 1, 2015, Stephenville Gas Turbine unavailable (50 MW).
 E As of 1702 hours, May 1, 2015, Nalcor Exploits Bishop's Falls plant production near normal 11 MW (18 MW).
 F As of 1520 hours, May 10, 2015, Paradise River Unit removed from service for annual maintenance (8 MW).
 G At 0201 hours, May 21, 2015, Cat Arm Unit 2 unavailable (67 MW).
 H At 1620 hours, May 21, 2015, Cat Arm Unit 2 returned to service (67 MW).
 I At 1414 hours, May 21, 2015, Exploits Generation (Grand Falls) removed from service on a planned outage (50 MW).
 J At 1805 hours, May 21, 2015, Exploits Generation (Grand Falls) returned to service (50 MW).

Section 2 Island Interconnected Supply and Demand

Fri, May 22, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,700 MW	Friday, May 22, 2015	9	8	925
NLH Generation: ⁴	1,385 MW	Saturday, May 23, 2015	11	6	865
NLH Power Purchases:	95 MW	Sunday, May 24, 2015	8	8	910
Other Island Generation:	220 MW	Monday, May 25, 2015	11	13	865
Current St. John's Temperature:	9 °C	Tuesday, May 26, 2015	14	16	835
Current St. John's Windchill:	N/A °C	Wednesday, May 27, 2015	7	11	985
7-Day Island Peak Demand Forecast:	985 MW	Thursday, May 28, 2015	16	17	825

Supply Notes For May 22, 2015

- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).

Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak

Thu, May 21, 2015	Actual Island Peak Demand ⁷	08:20	908 MW
Fri, May 22, 2015	Forecast Island Peak Demand		925 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).