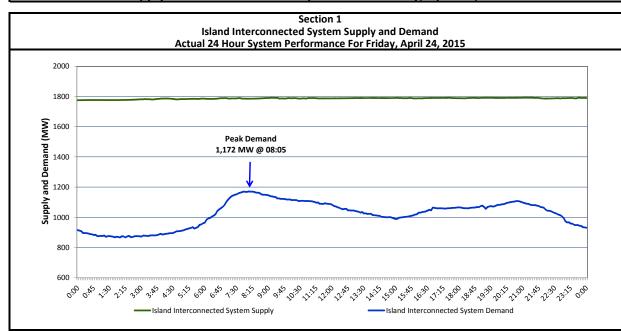
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, April 27, 2015



Supply Notes For April 24, 2015

A 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).

As of 1055 hours, April 13, 2015, Stephenville Gas Turbine removed from service (50 MW).

At 0001 hours, April 24, 2015, Bay d'Espoir Unit 2 returned to service (76.5 MW)

Section 2 Island Interconnected Supply and Demand								
			Seven-Day Forecast		erature C)	Island System Daily Peak Demand (MW)		
				Morning	Evening	Forecast		
Available Island System Supply:5	1,800	MW	Saturday, April 25, 2015	3	3	1,155		
NLH Generation: ⁴	1,470	MW	Sunday, April 26, 2015	5	3	1,140		
NLH Power Purchases:	120	MW	Monday, April 27, 2015	3	2	1,165		
Other Island Generation:	210	MW	Tuesday, April 28, 2015	3	2	1,265		
Current St. John's Temperature:	3	°C	Wednesday, April 29, 2015	2	3	1,140		
Current St. John's Windchill:	n/a	°C	Thursday, April 30, 2015	1	3	1,245		
7-Day Island Peak Demand Forecast:	1,265	MW	Friday, May 01, 2015	4	4	1,090		

Supply Notes For April 25, 2015

At 0047 hours, April 25, Holyrood Unit 2 removed from service for maintenance (170 MW).

At 0305 hours, April 25, Holyrood Unit 2 returned to service (170 MW).

- 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							
Fri, Apr 24, 2015	Actual Island Peak Demand ⁷	08:05	1,172 MW				
Sat, Apr 25, 2015	Forecast Island Peak Demand		1,155 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).