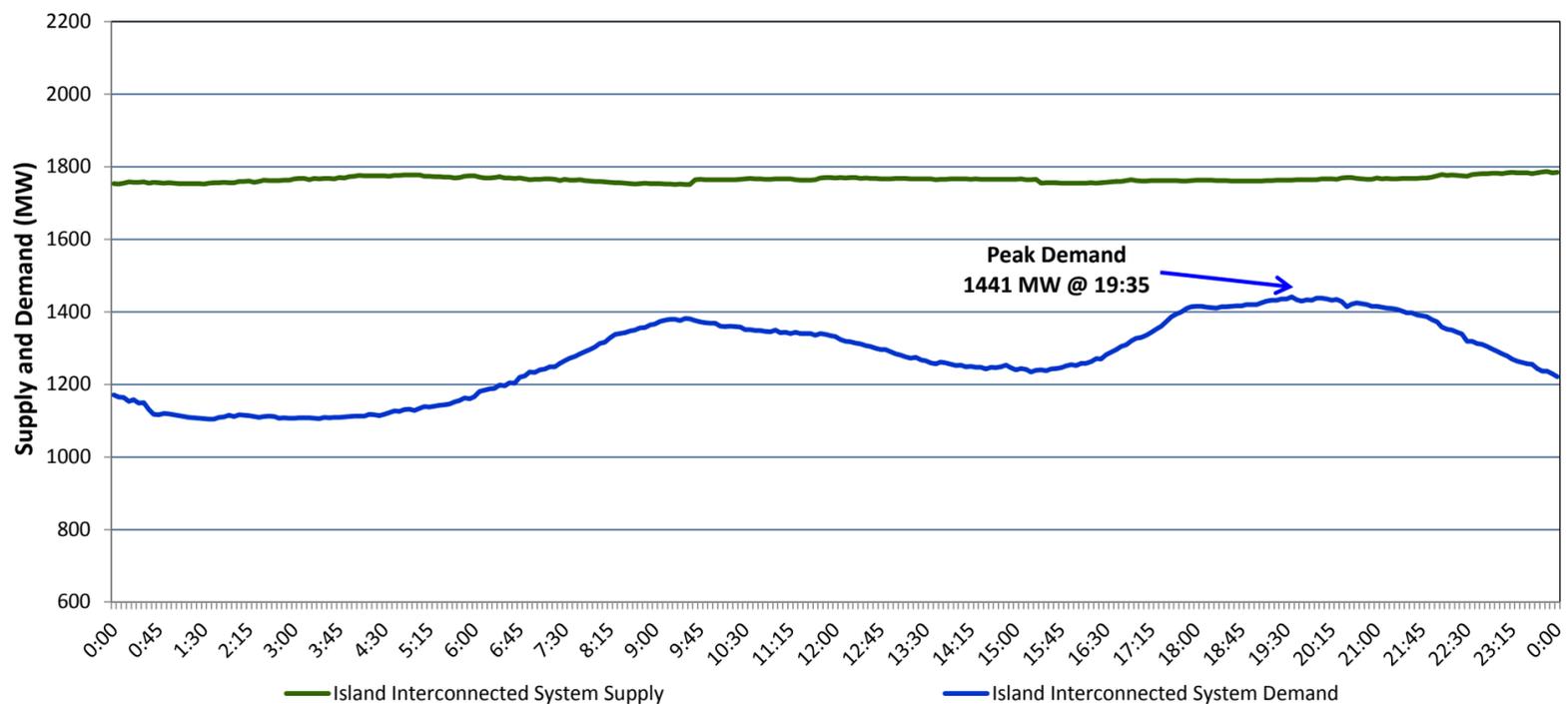


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, February 15, 2016

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Sunday, February 14, 2016



Supply Notes For February 14, 2016

- 1,2
- A As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
 - B As of 1116 hours, February 07, 2016, Holyrood Unit 1 derated to 50 MW (170 MW).
 - C As of 0710 hours, February 08, 2016, Holyrood Unit 2 derated to 120 MW (170 MW).
 - D As of 0625 hours, February 10, 2016, Stephenville Gas Turbine End B unavailable (25 MW).
 - E At 0938 hours, February 14, 2015, Hardwoods Gas Turbine End A available. Unit derated to 38MW (50MW). End A 19 MW, End B 25 MW.

Section 2 Island Interconnected Supply and Demand

Mon, Feb 15, 2016	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,810	MW	Monday, February 15, 2016	-12	-9	1,610	1,511
NLH Generation: ⁴	1,485	MW	Tuesday, February 16, 2016	-8	-1	1,560	1,462
NLH Power Purchases: ⁷	120	MW	Wednesday, February 17, 2016	4	9	1,235	1,141
Other Island Generation:	205	MW	Thursday, February 18, 2016	5	-3	1,360	1,264
Current St. John's Temperature:	-12	°C	Friday, February 19, 2016	-8	-8	1,525	1,427
Current St. John's Windchill:	-22	°C	Saturday, February 20, 2016	-7	-3	1,335	1,239
7-Day Island Peak Demand Forecast:	1,610	MW	Sunday, February 21, 2016	1	5	1,240	1,146

Supply Notes For February 15, 2016

- 3
- 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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).
 6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.
 7. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance, and Wind Generation.

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

Sun, Feb 14, 2016	Actual Island Peak Demand ⁸	19:35	1,441 MW
Mon, Feb 15, 2016	Forecast Island Peak Demand		1,610 MW

- Notes:
8. 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).