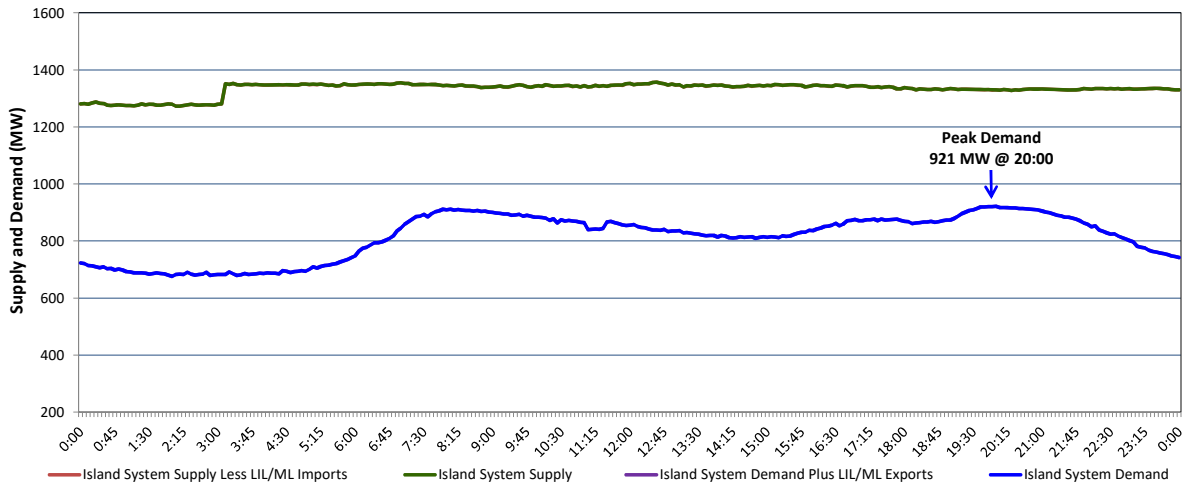


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, September 21, 2018

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, September 20, 2018



Supply Notes For September 20, 2018 ^{1,2}

- A As of 0801 hours, July 19, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).
- B As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
- C As of 1609 hours, August 07, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- D As of 1118 hours, August 21, 2018, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- E As of 1034 hours, September 17, 2018, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- F **At 0306 hours, September 20, 2018, Holyrood Unit 2 available at 70 MW (170 MW).**

Section 2 Island Interconnected Supply and Demand

Fri, Sep 21, 2018	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,270 MW	Friday, September 21, 2018	7	5	960	960
NLH Island Generation: ⁴	1,050 MW	Saturday, September 22, 2018	9	14	890	890
NLH Island Power Purchases: ⁶	90 MW	Sunday, September 23, 2018	8	9	875	875
Other Island Generation:	130 MW	Monday, September 24, 2018	7	5	990	990
ML/LIL Imports:	-	Tuesday, September 25, 2018	7	5	990	990
Current St. John's Temperature & Windchill:	5 N/A °C	Wednesday, September 26, 2018	8	10	915	915
7-Day Island Peak Demand Forecast:	990 MW	Thursday, September 27, 2018	13	12	905	905

Supply Notes For September 21, 2018 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 System having no synchronous connections to 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. NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
 7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

Thu, Sep 20, 2018	Actual Island Peak Demand ⁸	20:00	921 MW
Fri, Sep 21, 2018	Forecast Island Peak Demand		960 MW

Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).