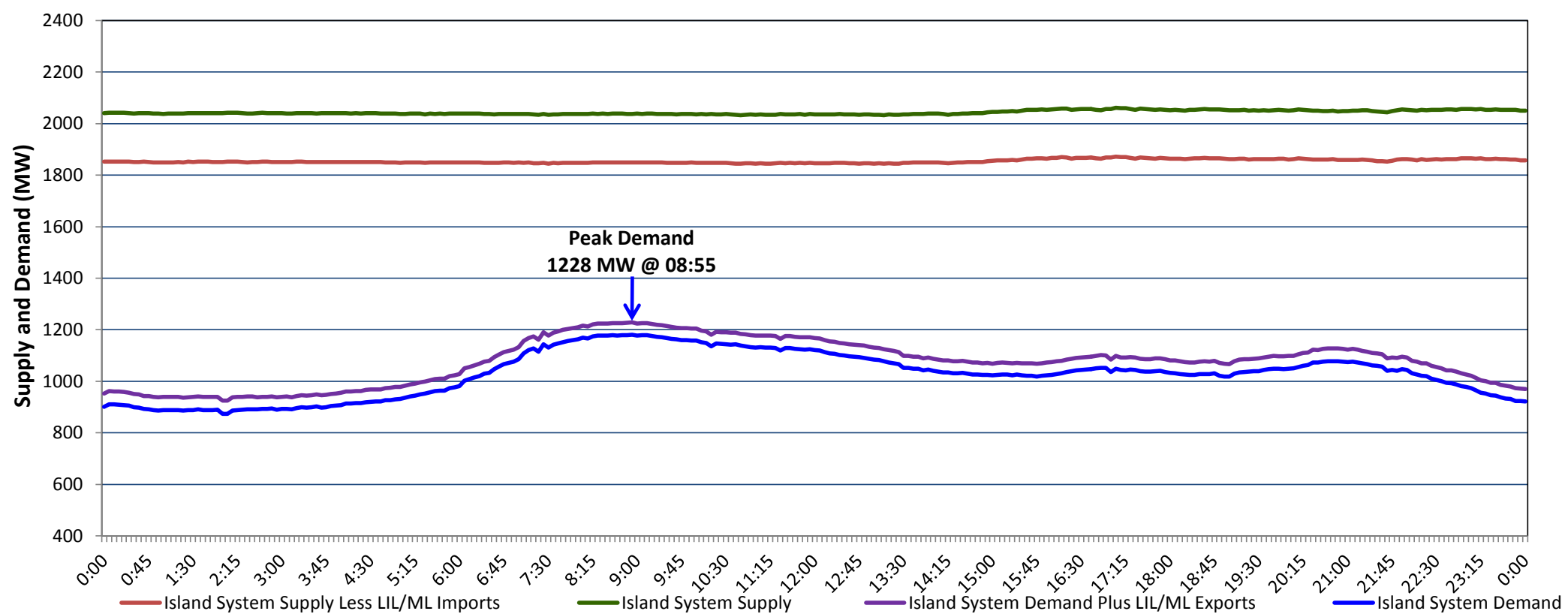


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, April 15, 2021

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, April 14, 2021



Supply Notes For April 14, 2021

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- A As of 1401 hours, March 28, 2021, Paradise River Unit unavailable due to planned outage (8 MW).
- B As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- C As of 0628 hours, April 12, 2021, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
- D At 0759 hours, April 14, 2021, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- E At 1600 hours, April 14, 2021, St. Anthony Diesel Plant available at full capacity (9.7 MW).

Section 2 Island Interconnected Supply and Demand

Thu, Apr 15, 2021	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	2,080	MW	Thursday, April 15, 2021	0	1	1,240	1,146
NLH Island Generation: ⁴	1,485	MW	Friday, April 16, 2021	1	0	1,175	1,081
NLH Island Power Purchases: ⁶	150	MW	Saturday, April 17, 2021	1	1	1,100	1,007
Other Island Generation:	250	MW	Sunday, April 18, 2021	3	4	1,135	1,042
ML/LIL Imports:	195	MW	Monday, April 19, 2021	4	3	1,060	968
Current St. John's Temperature & Windchill:	-2 °C	-8 °C	Tuesday, April 20, 2021	4	6	1,045	953
7-Day Island Peak Demand Forecast:	1,240	MW	Wednesday, April 21, 2021	7	8	965	953

Supply Notes For April 15, 2021

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- 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 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 and capacity assistance (when applicable).
 7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Wed, Apr 14, 2021	Actual Island Peak Demand ⁸	08:55	1,228 MW
Thu, Apr 15, 2021	Forecast Island Peak Demand		1,240 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).