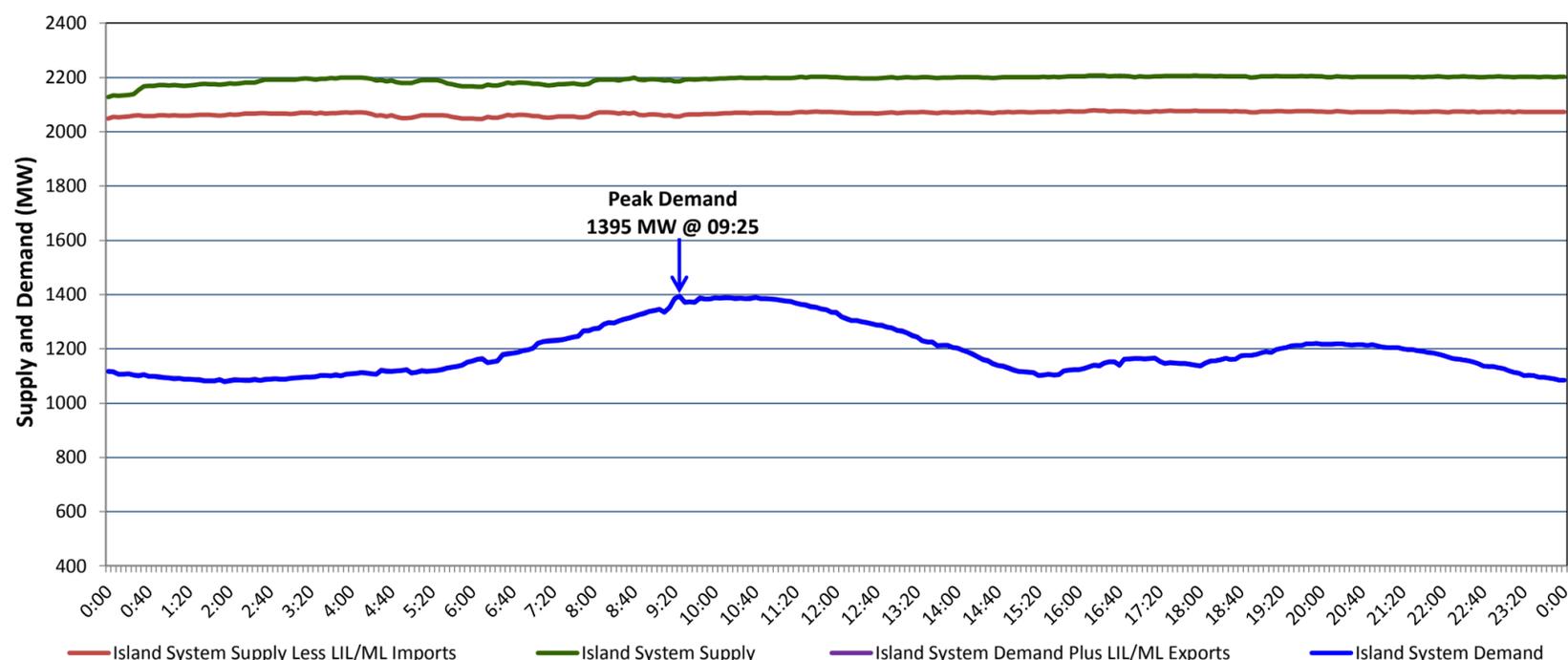


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, March 16, 2020

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, March 14, 2020



Supply Notes For March 14, 2020

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Section 2 Island Interconnected Supply and Demand

Sun, Mar 15, 2020	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	2,189	MW	Sunday, March 15, 2020	-3	-5	1,350	1,246
NLH Island Generation: ⁴	1,695	MW	Monday, March 16, 2020	-8	-9	1,465	1,360
NLH Island Power Purchases: ⁶	150	MW	Tuesday, March 17, 2020	-9	-4	1,500	1,395
Other Island Generation:	215	MW	Wednesday, March 18, 2020	-1	-5	1,390	1,286
ML/LIL Imports:	129	MW	Thursday, March 19, 2020	-7	-6	1,515	1,409
Current St. John's Temperature & Windchill:	-2 °C	-12 °C	Friday, March 20, 2020	-6	-2	1,420	1,316
7-Day Island Peak Demand Forecast:	1,515	MW	Saturday, March 21, 2020	6	0	1,275	1,172

Supply Notes For March 15, 2020

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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

Sat, Mar 14, 2020	Actual Island Peak Demand ⁸	09:25	1,395 MW
Sun, Mar 15, 2020	Forecast Island Peak Demand		1,350 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).