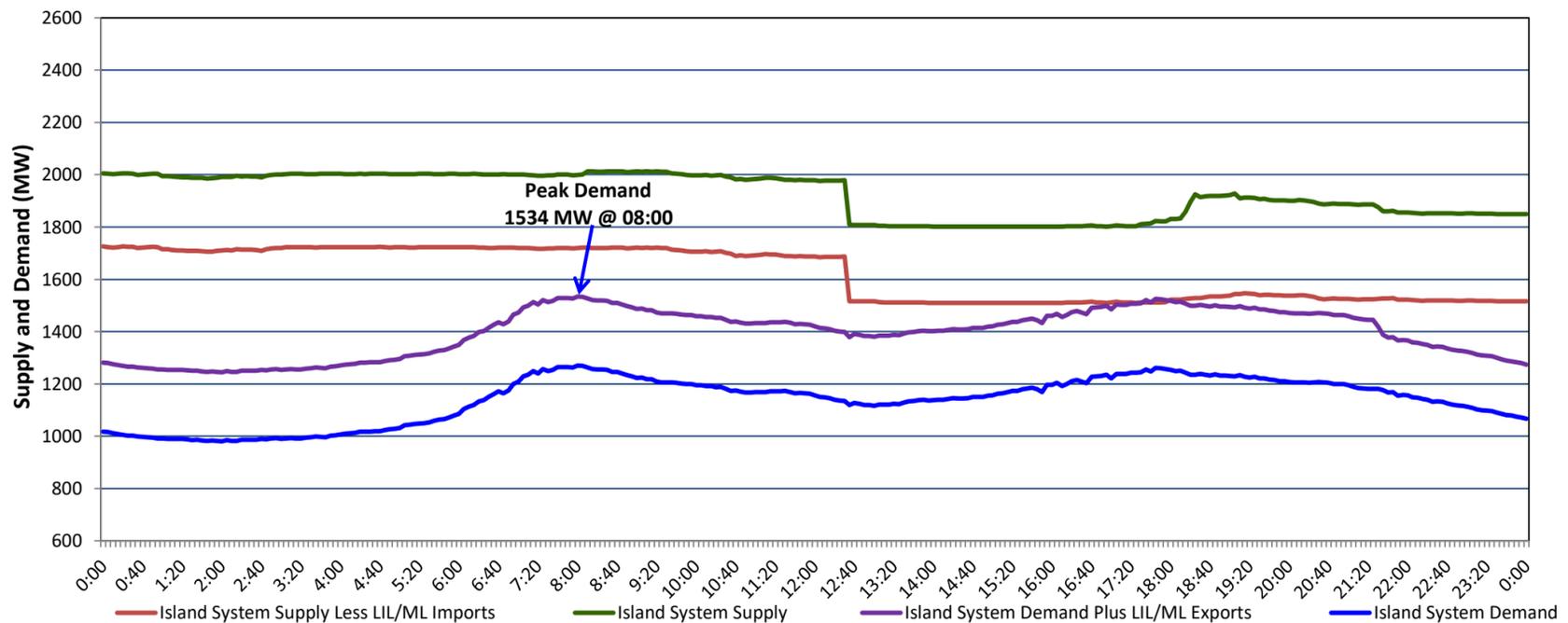


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, February 20, 2023

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Friday, February 17, 2023



Supply Notes For February 17, 2023

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- A As of 1201 hours, February 06, 2023, Holyrood Unit 3 unavailable (150 MW).
 B As of 1144 hours, February 16, 2023, Holyrood Unit 1 unavailable (170 MW).
 C At 1234 hours, February 17, 2023, Holyrood Unit 2 unavailable (170 MW).
 D At 1759 hours, February 17, 2023, Granite Canal Unit available at full capacity (40 MW).

Section 2 Island Interconnected Supply and Demand

Sat, Feb 18, 2023	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	2,041	MW	Saturday, February 18, 2023		-3	-7	1,640	1,541
NLH Island Generation: ^{4,8}	1,375	MW	Sunday, February 19, 2023		-9	-5	1,600	1,502
NLH Island Power Purchases: ⁶	105	MW	Monday, February 20, 2023		-8	-1	1,655	1,556
Other Island Generation:	225	MW	Tuesday, February 21, 2023		3	2	1,290	1,195
ML/LIL Imports:	336	MW	Wednesday, February 22, 2023		-2	-1	1,350	1,254
Current St. John's Temperature & Windchill:	-2 °C	-8 °C	Thursday, February 23, 2023		-4	-10	1,520	1,422
7-Day Island Peak Demand Forecast:	1,655	MW	Friday, February 24, 2023		-9	-10	1,550	1,452

Supply Notes For February 18, 2023

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- E At 0550 hours, February 18, 2023, Holyrood unit 2 available (170 MW).

- 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.
 8. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold

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

Fri, Feb 17, 2023	Actual Island Peak Demand ⁹	8:00	1,534 MW
Sat, Feb 18, 2023	Forecast Island Peak Demand		1,640 MW

- Notes: 9. 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).