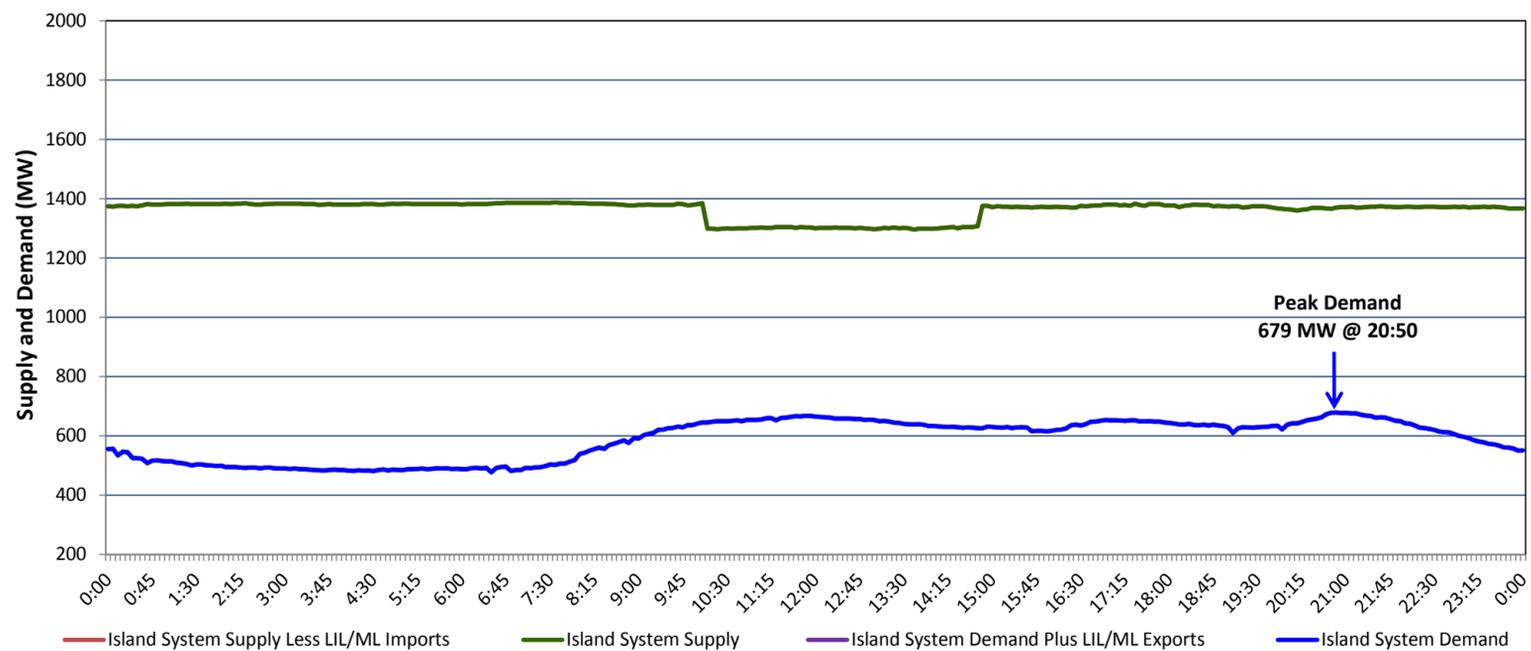


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 24, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, August 23, 2020**



Supply Notes For August 23, 2020

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
 - B As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
 - C As of 1229 hours, August 16, 2020, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
 - D As of 2000 hours, August 21, 2020, Holyrood Unit 1 available but not operating (170 MW).
 - E At 1009 hours, August 23, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - F At 1448 hours, August 23, 2020, Cat Arm Unit 2 available (67 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Aug 24, 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	1,345 MW	Monday, August 24, 2020	16	14	735	735
NLH Island Generation: ⁴	1,050 MW	Tuesday, August 25, 2020	13	14	730	730
NLH Island Power Purchases: ⁶	105 MW	Wednesday, August 26, 2020	16	17	780	780
Other Island Generation:	190 MW	Thursday, August 27, 2020	12	13	760	760
ML/LIL Imports:	- MW	Friday, August 28, 2020	14	14	750	750
Current St. John's Temperature & Windchill:	15 °C	Saturday, August 29, 2020	13	15	715	715
7-Day Island Peak Demand Forecast:	780 MW	Sunday, August 30, 2020	13	12	710	710

Supply Notes For August 24, 2020

- 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 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**

Sun, Aug 23, 2020	Actual Island Peak Demand ⁸	20:50	679 MW
Mon, Aug 24, 2020	Forecast Island Peak Demand		735 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).