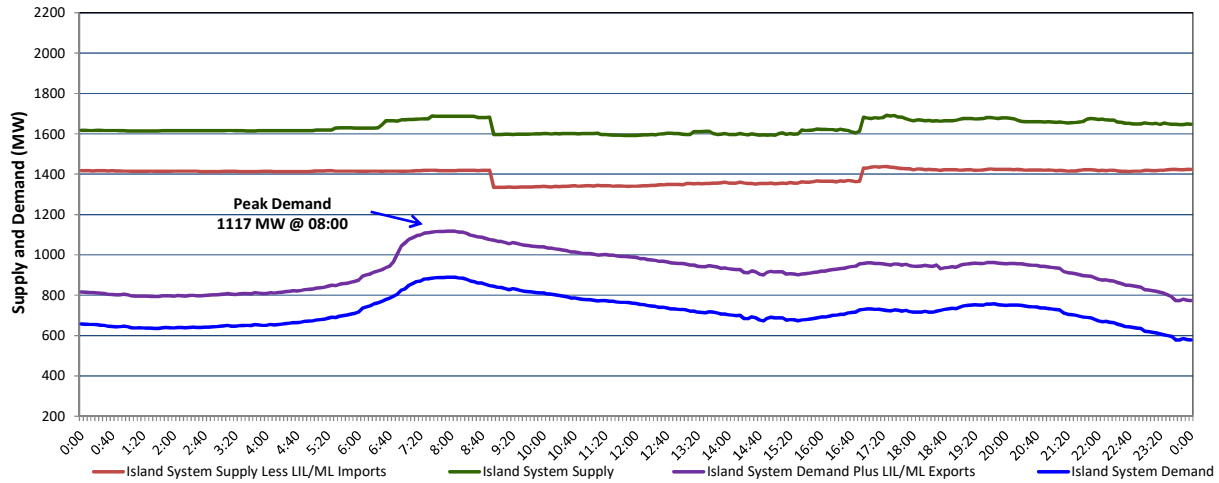


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, October 05, 2022**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, October 04, 2022**



Supply Notes For October 04, 2022

- A As of 0800 hours, July 31, 2022, Holyrood Unit 2 unavailable due to planned outage 150 MW (170 MW).
- B As of 1040 hours, August 27, 2022, Holyrood Unit 3 available but not operating (150 MW).
- C As of 1304 hours, September 26, 2022, Hinds Lake Unit available at 65 MW (75 MW).
- D As of 1033 hours, September 27, 2022, Stephenville Gas Turbine unavailable (50 MW).
- E As of 1633 hours, September 29, 2022, Holyrood Unit 1 available but not operating 90 MW (170 MW).
- F **At 0855 hours, October 04, 2022, Upper Salmon Unit unavailable due to planned outage (84 MW).**
- G **At 1655 hours, October 04, 2022, Cat Arm Unit 1 available (67 MW).**

**Section 2
Island Interconnected Supply and Demand**

Wed, Oct 05, 2022	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	1,623 MW	Wednesday, October 5, 2022	10	10	1,050	1,050
NLH Island Generation: ^{4,8}	1,060 MW	Thursday, October 6, 2022	10	13	815	815
NLH Island Power Purchases: ⁶	100 MW	Friday, October 7, 2022	13	12	745	745
Other Island Generation:	215 MW	Saturday, October 8, 2022	11	14	765	765
ML/LIL Imports:	248 MW	Sunday, October 9, 2022	9	8	855	855
Current St. John's Temperature & Windchill:	8 N/A °C	Monday, October 10, 2022	8	8	820	820
7-Day Island Peak Demand Forecast:	1,050 MW	Tuesday, October 11, 2022	6	7	895	895

Supply Notes For October 05, 2022

- 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**

Tue, Oct 04, 2022	Actual Island Peak Demand ⁹	8:00	1,117 MW
Wed, Oct 05, 2022	Forecast Island Peak Demand		1,050 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).