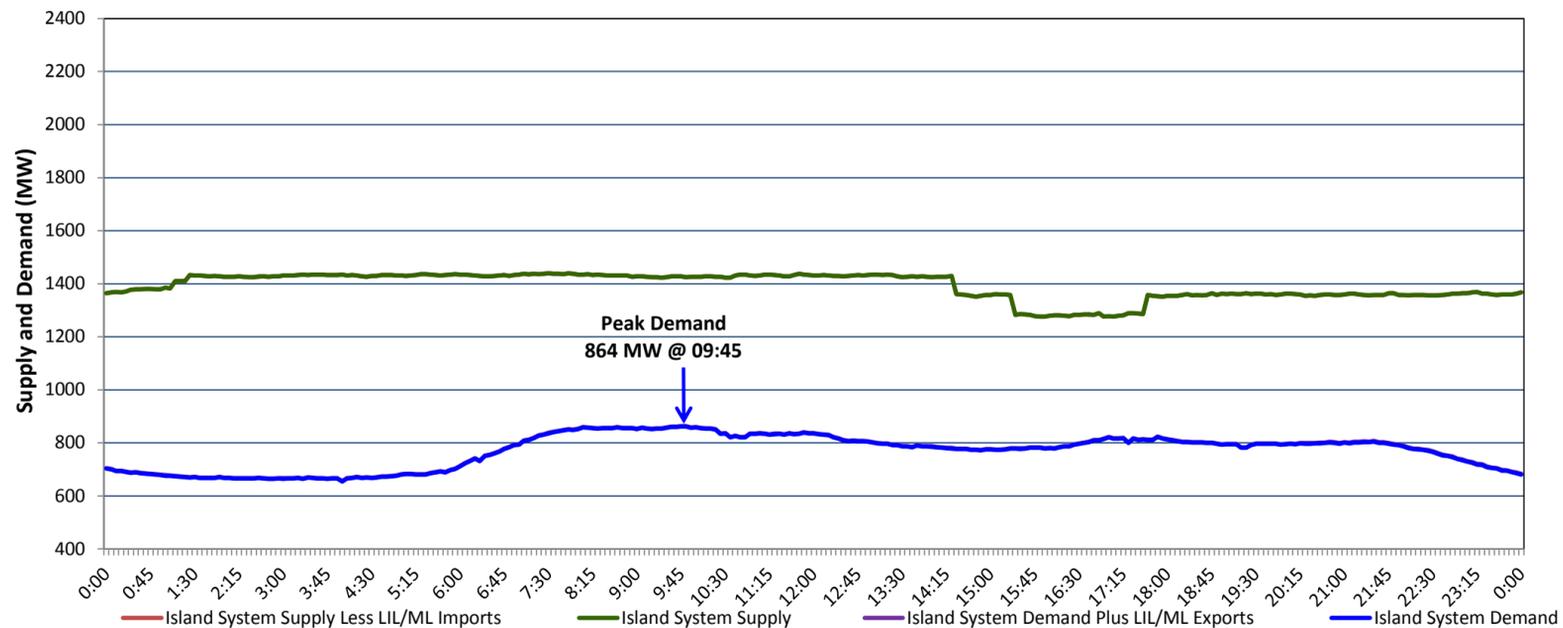


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, May 28, 2021**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, May 27, 2021**



**Supply Notes For May 27, 2021**

- 1,2
- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
  - B As of 0709 hours, May 07, 2021, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
  - C As of 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).
  - D As of 0830 hours, May 25, 2021, Stephenville Gas Turbine unavailable due to planned outage (50 MW).
  - E As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
  - F At 1422 hours, May 27, 2021, Cat Arm Unit 2 unavailable due to planned outage (67 MW).
  - G At 1552 hours, May 27, 2021, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
  - H At 1740 hours, May 27, 2021, Bay d'Espoir Unit 3 available (76.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, May 28, 2021	Island System Outlook <sup>3</sup>			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,365	MW		Friday, May 28, 2021	7	5	865	865
NLH Island Generation: <sup>4</sup>	1,010	MW		Saturday, May 29, 2021	7	6	875	875
NLH Island Power Purchases: <sup>6</sup>	125	MW		Sunday, May 30, 2021	9	10	805	805
Other Island Generation:	230	MW		Monday, May 31, 2021	10	11	845	845
ML/LIL Imports:	-	MW		Tuesday, June 01, 2021	15	15	785	785
Current St. John's Temperature & Windchill:	7 °C	N/A	°C	Wednesday, June 02, 2021	11	12	800	800
7-Day Island Peak Demand Forecast:	875	MW		Thursday, June 03, 2021	15	10	785	785

**Supply Notes For May 28, 2021**

- 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**

Thu, May 27, 2021	Actual Island Peak Demand <sup>8</sup>	09:45	864 MW
Fri, May 28, 2021	Forecast Island Peak Demand		865 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).