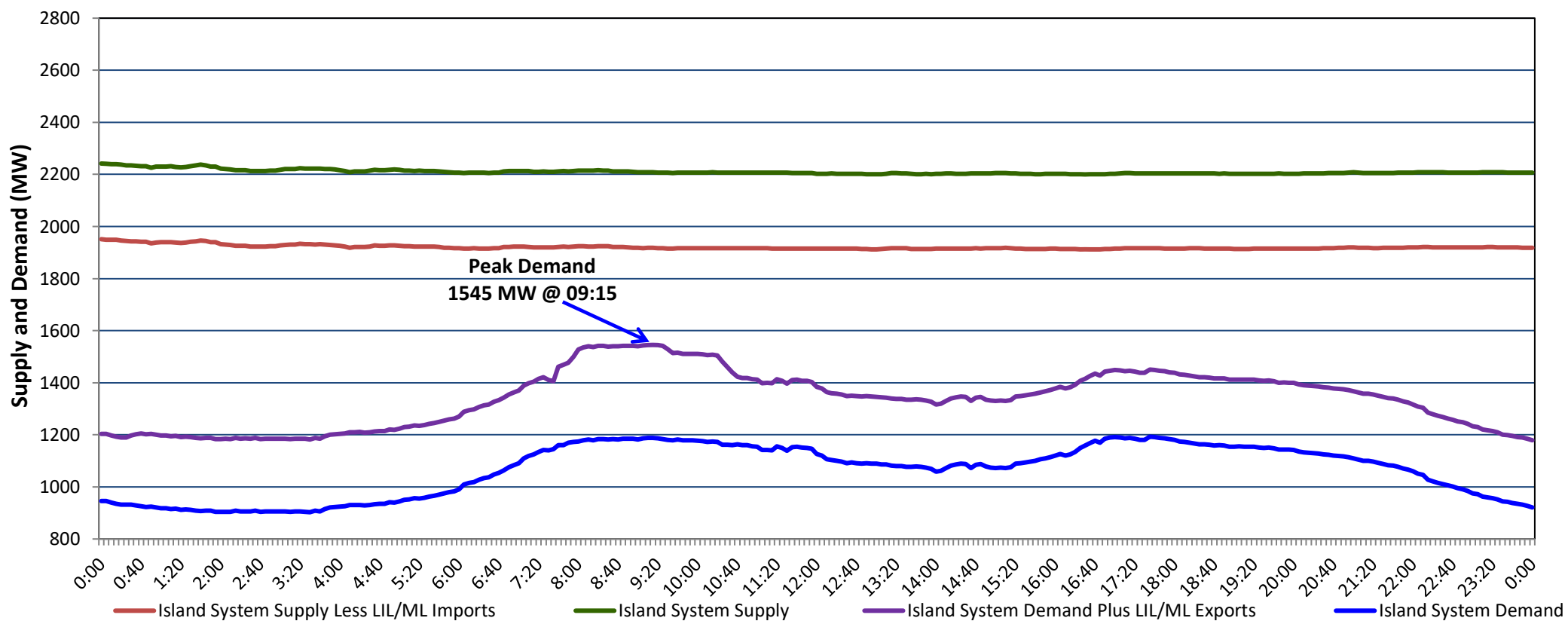


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, December 06, 2022**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, December 05, 2022**



**Supply Notes For December 05, 2022**

- 1,2  
A As of 0806 hours, November 10, 2022, St. Anthony Diesel Plant available at 8.7 MW (9.7 MW).  
B As of 0144 hours, November 24, 2022, Holyrood Unit 1 available at 80 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, Dec 06, 2022	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>	2,148	MW		Tuesday, December 6, 2022	2	3	1,485	1,388
NLH Island Generation: <sup>4,8</sup>	1,525	MW		Wednesday, December 7, 2022	3	3	1,210	1,116
NLH Island Power Purchases: <sup>6</sup>	130	MW		Thursday, December 8, 2022	3	3	1,255	1,160
Other Island Generation:	205	MW		Friday, December 9, 2022	3	4	1,195	1,101
ML/LIL Imports:	288	MW		Saturday, December 10, 2022	2	2	1,225	1,131
Current St. John's Temperature & Windchill:	2 °C	N/A	°C	Sunday, December 11, 2022	1	1	1,255	1,160
7-Day Island Peak Demand Forecast:	1,485	MW		Monday, December 12, 2022	0	-1	1,370	1,274

**Supply Notes For December 06, 2022**

- 3  
C At 0637 hours, December 06, 2022, Hinds Lake Unit unavailable due to planned outage (75 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**

Mon, Dec 05, 2022	Actual Island Peak Demand <sup>9</sup>	9:15	1,545 MW
Tue, Dec 06, 2022	Forecast Island Peak Demand		1,485 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).