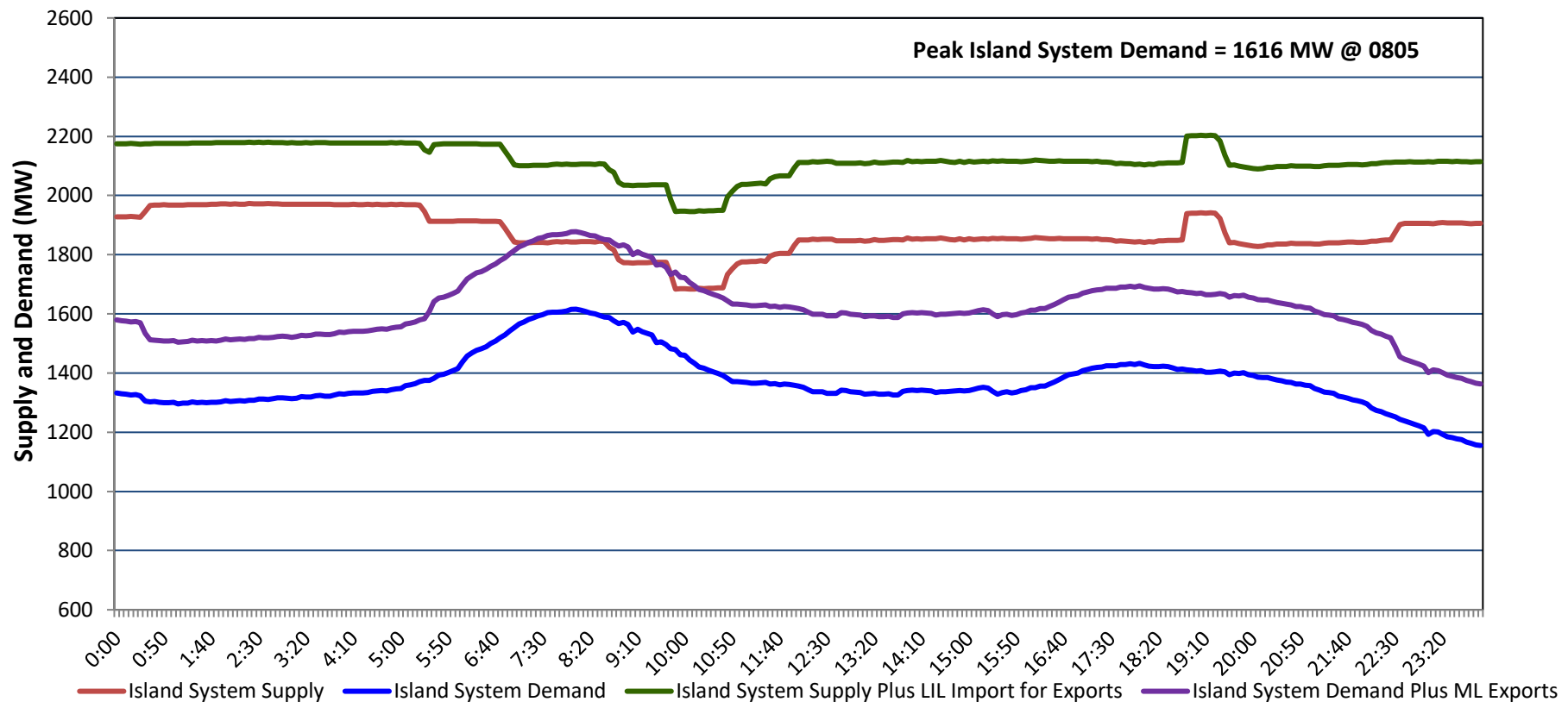


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, February 23, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, February 22, 2024



### Island Supply Notes For February 22, 2024 <sup>1</sup>

- A As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to forced extension to planned outage (170 MW).
- B As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- C As of 1400 hours, February 06, 2024, St. Anthony Diesel Plant available at 8.7 MW due to forced derating (9.7 MW).
- D At 0850 hours, February 22, 2024, Labrador Island Link available at 450 MW due to planned derating (700 MW) - Monopole.
- E At 0943 hours, February 22, 2024, Holyrood Unit 1 available at 50 MW due to forced derating (170 MW).
- F At 1041 hours, February 22, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- G At 1849 hours, February 22, 2024, Holyrood Unit 1 available at 160 MW (170 MW).
- H At 1934 hours, February 22, 2024, Labrador Island Link available at 345 MW (700 MW) - Bipole.

## Section 2 Island Interconnected System - Supply, Demand & Outlook

Fri, Feb 23, 2024	Island System Outlook <sup>2</sup>	Seven-Day Forecast	Island System Daily Peak Demand (MW)	
			Forecast <sup>8</sup>	Adjusted <sup>6</sup>
Island System Supply: <sup>4</sup>	1,956 MW	Friday, February 23, 2024	1,310	1,215
NLH Island Generation: <sup>3,7</sup>	1,460 MW	Saturday, February 24, 2024	1,200	1,106
NLH Island Power Purchases: <sup>3</sup>	120 MW	Sunday, February 25, 2024	1,385	1,289
NP and CBPP Owned Generation:	215 MW	Monday, February 26, 2024	1,410	1,314
LIL Net Imports to Island: <sup>9</sup>	161 MW	Tuesday, February 27, 2024	1,335	1,240
		Wednesday, February 28, 2024	1,310	1,215
7-Day Island Peak Demand Forecast:	1,410 MW	Thursday, February 29, 2024	1,160	1,067

### Island Supply Notes For February 23, 2024

- 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. Hydro schedules 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. As of 0800 Hours.
  3. Gross continuous unit output.
  4. Gross output from all Island sources (including Note 4).
  5. NLH Island Power Purchases include: ML Imports, Exploits Generation, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
  6. Adjusted for interruptible load and the impact of voltage reduction when applicable.
  7. 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 required for full rated output. This threshold is dependent on the design of each turbine.
  8. Does not include ML Exports.
  9. LIL Import sunk in the Island System. Actual LIL flows will be restricted by various system conditions including, but not limited to, Island Load, ML Exports and Avalon Unit status.

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

Thu, Feb 22, 2024	Island Peak Demand <sup>10</sup>	8:05	1,616 MW
	Exports at Peak		262 MW
	LIL Net Imports to Island		3,478 MWh
Fri, Feb 23, 2024	Forecast Island Peak Demand		1,310 MW

- Notes: 10. Island Demand is supplied by NLH generation and purchases, LIL Imports plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).