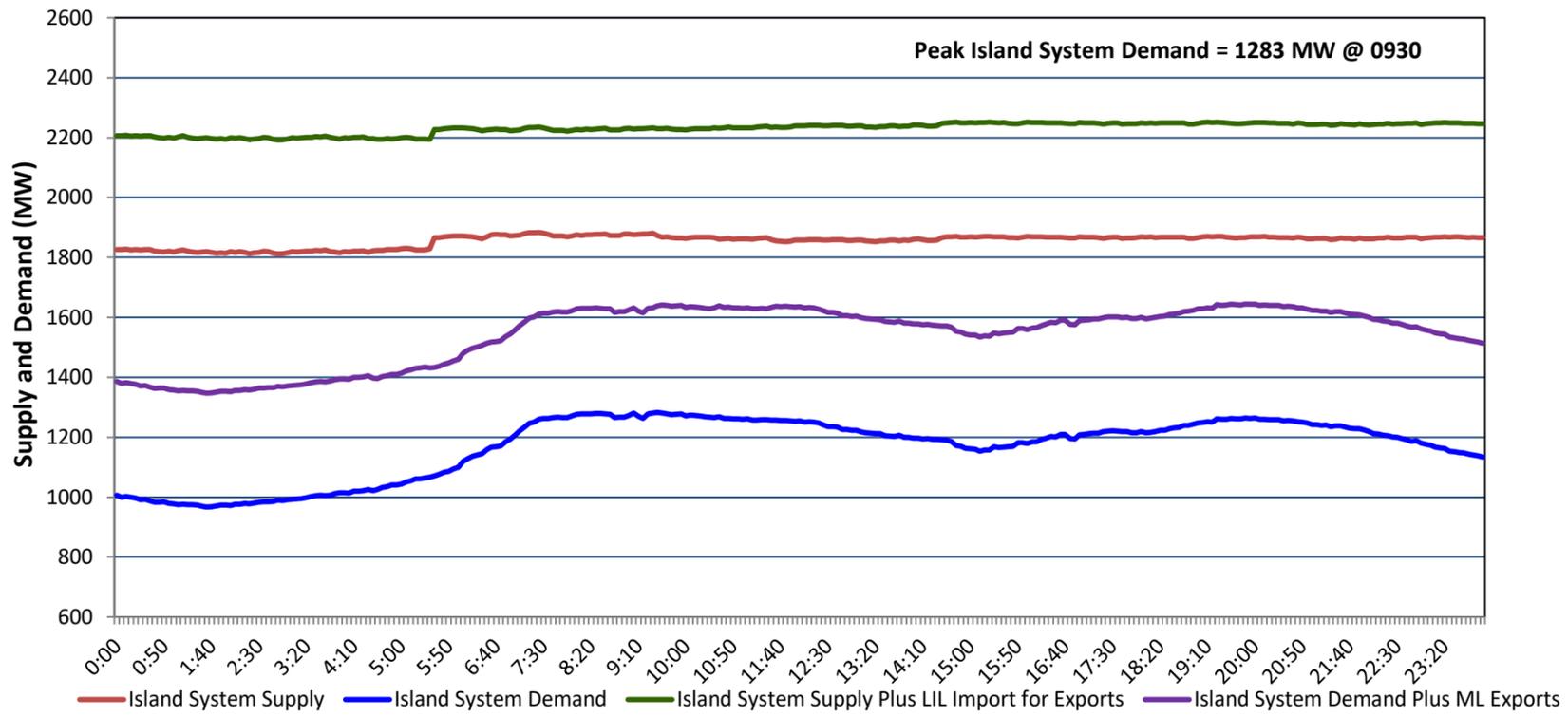


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, March 25, 2024

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



### Island Supply Notes For March 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 As of 1102 hours, March 06, 2024, Holyrood Unit 1 available at 160 MW (170 MW).
- E As of 1808 hours, March 15, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- F At 1430 hours, March 22, 2024, Paradise River Unit available (8 MW).

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

Sat, Mar 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>	1,903 MW	Saturday, March 23, 2024	1,295	1,200
NLH Island Generation: <sup>3,7</sup>	1,460 MW	Sunday, March 24, 2024	1,190	1,096
NLH Island Power Purchases: <sup>5</sup>	145 MW	Monday, March 25, 2024	1,310	1,215
NP and CBPP Owned Generation:	225 MW	Tuesday, March 26, 2024	1,340	1,245
LIL Net Imports to Island: <sup>9</sup>	73 MW	Wednesday, March 27, 2024	1,340	1,245
		Thursday, March 28, 2024	1,265	1,170
7-Day Island Peak Demand Forecast:	1,340 MW	Friday, March 29, 2024	1,040	948

### Island Supply Notes For March 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

Fri, Mar 22, 2024	Island Peak Demand <sup>10</sup>	9:30	1,283 MW
	Exports at Peak		356 MW
	LIL Net Imports to Island		1,252 MWh
Sat, Mar 23, 2024	Forecast Island Peak Demand		1,295 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).