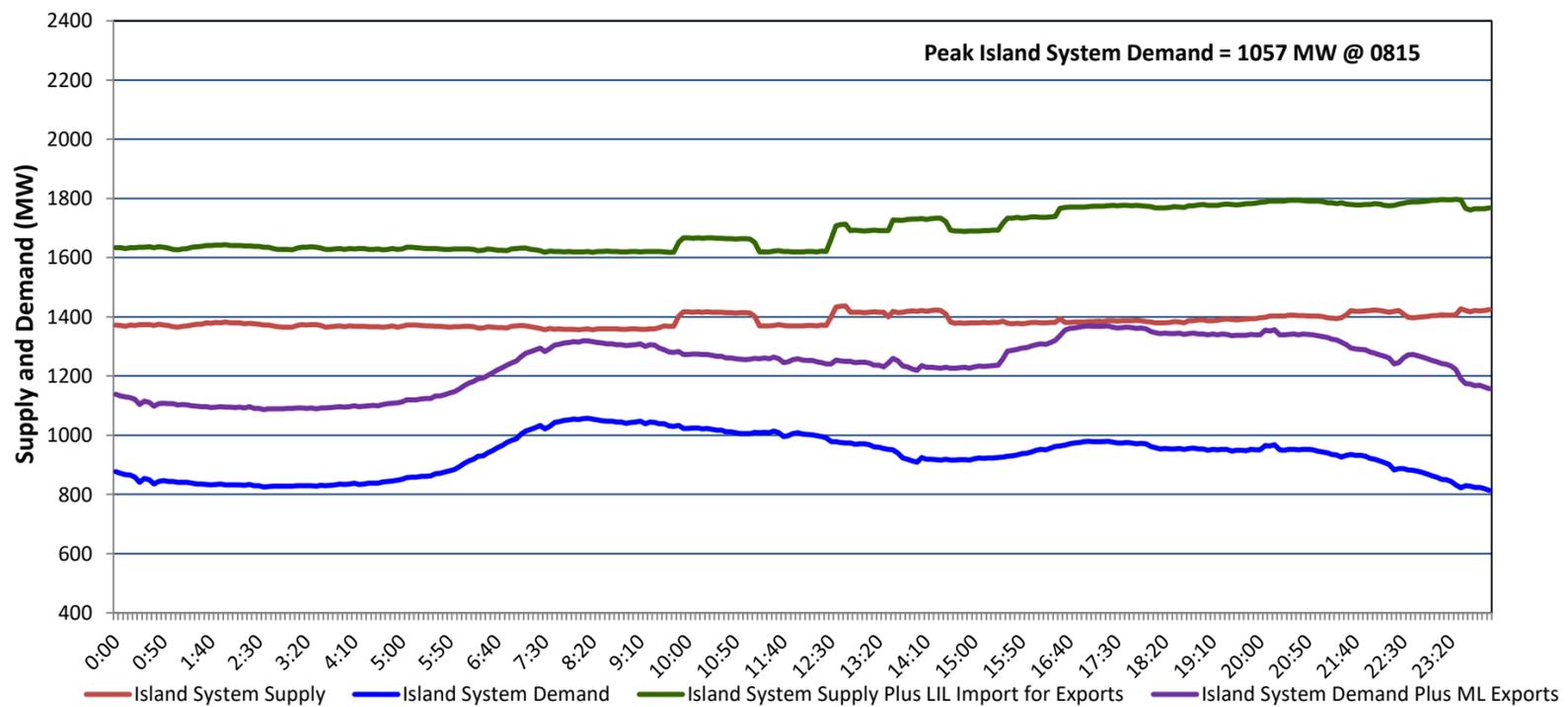


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, April 30, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Monday, April 29, 2024



### Island Supply Notes For April 29, 2024

- 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 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E** As of 0836 hours, April 22, 2024, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- F** As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- G** As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- H** As of 1819 hours, April 28, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Tue, Apr 30, 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>	<b>1,395 MW</b>	Tuesday, April 30, 2024	<b>1,040</b>	<b>948</b>
NLH Island Generation: <sup>3,7</sup>	1,025 MW	Wednesday, May 1, 2024	1,025	975
NLH Island Power Purchases: <sup>5</sup>	150 MW	Thursday, May 2, 2024	1,060	1,010
NP and CBPP Owned Generation:	220 MW	Friday, May 3, 2024	1,070	1,020
LIL Net Imports to Island: <sup>9</sup>	- MW	Saturday, May 4, 2024	1,045	995
7-Day Island Peak Demand Forecast:	<b>1,070 MW</b>	Sunday, May 5, 2024	1,010	960
		Monday, May 6, 2024	1,015	965

### Island Supply Notes For April 30, 2024

- I** At 0647 hours, April 30, 2024, Labrador Island Link unavailable due to planned outage (700 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. 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

Mon, Apr 29, 2024	Island Peak Demand <sup>10</sup>	8:15	1,057 MW
	Exports at Peak		262 MW
	LIL Net Imports to Island		1,048 MWh
Tue, Apr 30, 2024	Forecast Island Peak Demand		1,040 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).