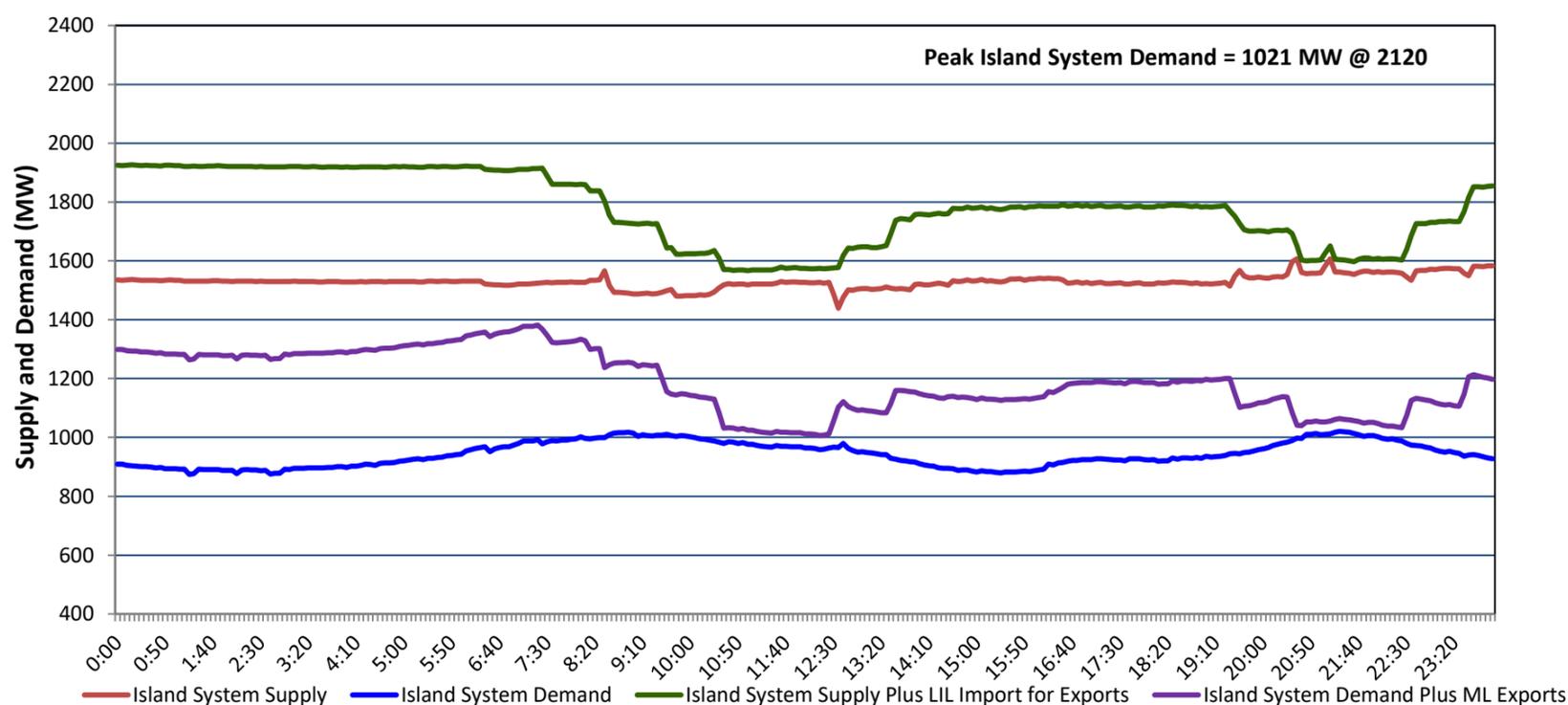


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, April 29, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, April 27, 2024



### Island Supply Notes For April 27, 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 At 0813 hours, April 27, 2024, Labrador Island Link available at 450 MW due to forced outage (700 MW) - Monopole.
- G At 2050 hours, April 27, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- H At 2110 hours, April 27, 2024, Labrador Island Link available at 450 MW due to planned outage (700 MW) - Monopole.
- I At 2139 hours, April 27, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Sun, Apr 28, 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>	1,726 MW	Sunday, April 28, 2024	1,110	1,017
NLH Island Generation: <sup>3,7</sup>	1,180 MW	Monday, April 29, 2024	1,050	958
NLH Island Power Purchases: <sup>5</sup>	150 MW	Tuesday, April 30, 2024	1,040	948
NP and CBPP Owned Generation:	220 MW	Wednesday, May 1, 2024	1,025	975
LIL Net Imports to Island: <sup>9</sup>	176 MW	Thursday, May 2, 2024	1,010	960
7-Day Island Peak Demand Forecast:	1,110 MW	Friday, May 3, 2024	1,015	965
		Saturday, May 4, 2024	1,040	990

### Island Supply Notes For April 28, 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

Sat, Apr 27, 2024	Island Peak Demand <sup>10</sup>	21:20	1,021 MW
	Exports at Peak		43 MW
	LIL Net Imports to Island		758 MWh
Sun, Apr 28, 2024	Forecast Island Peak Demand		1,110 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).