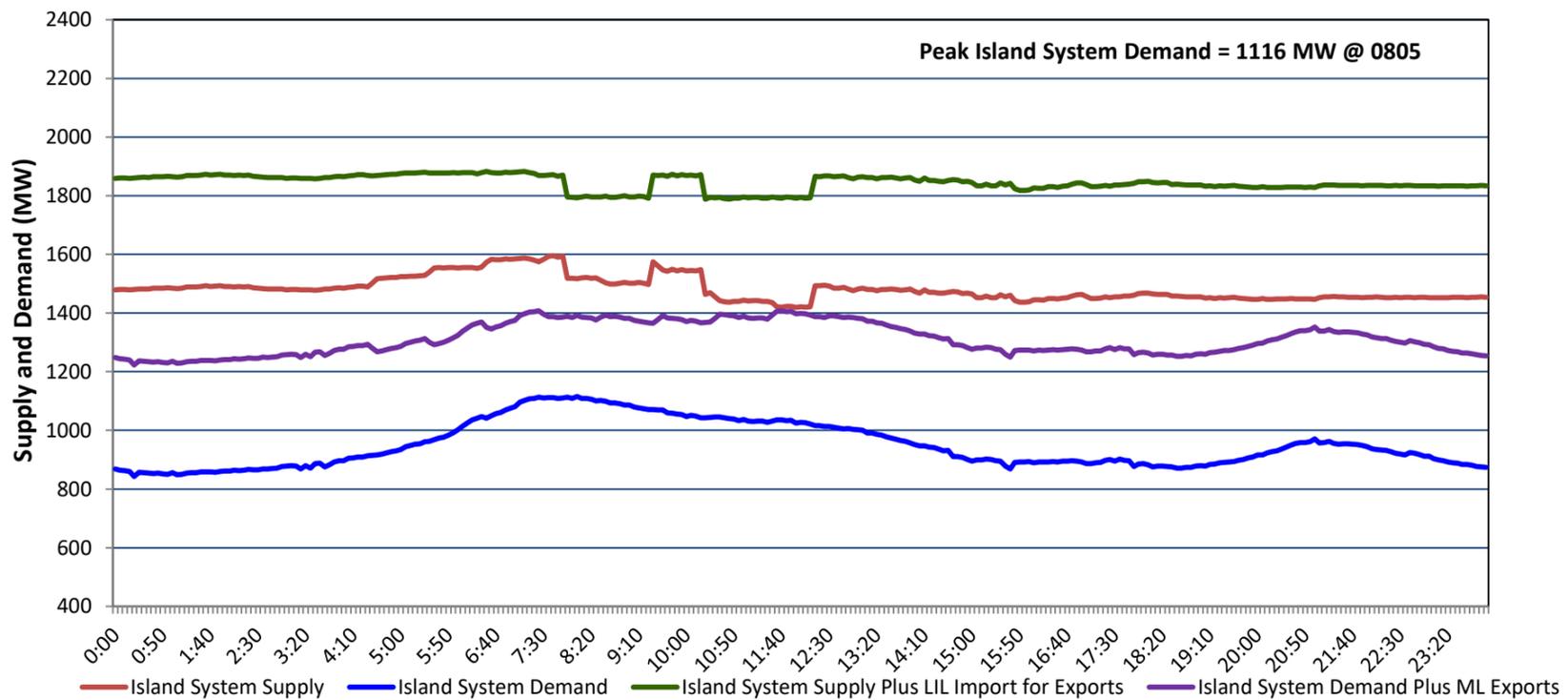


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, April 24, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Tuesday, April 23, 2024



### Island Supply Notes For April 23, 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 0919 hours, April 21, 2024, Upper Salmon Unit unavailable due to planned outage (84 MW).
- F As of 0836 hours, April 22, 2024, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- G As of 1156 hours, April 22, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- H At 0752 hours, April 23, 2024, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- I At 0924 hours, April 23, 2024, Bay d'Espoir Unit 5 available (76.5 MW).
- J At 1018 hours, April 23, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- K At 1211 hours, April 23, 2024, Bay d'Espoir Unit 6 available (76.5 MW).

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

Wed, Apr 24, 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>	1,610 MW	Wednesday, April 24, 2024	1,125	1,032
NLH Island Generation: <sup>3,7</sup>	1,095 MW	Thursday, April 25, 2024	970	879
NLH Island Power Purchases: <sup>5</sup>	125 MW	Friday, April 26, 2024	1,130	1,037
NP and CBPP Owned Generation:	220 MW	Saturday, April 27, 2024	1,095	1,002
LIL Net Imports to Island: <sup>9</sup>	170 MW	Sunday, April 28, 2024	1,085	992
		Monday, April 29, 2024	1,105	1,012
7-Day Island Peak Demand Forecast:	1,130 MW	Tuesday, April 30, 2024	1,125	1,032

### Island Supply Notes For April 24, 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

Tue, Apr 23, 2024	Island Peak Demand <sup>10</sup>	8:05	1,116 MW
	Exports at Peak		276 MW
	LIL Net Imports to Island		1,727 MWh
Wed, Apr 24, 2024	Forecast Island Peak Demand		1,125 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).