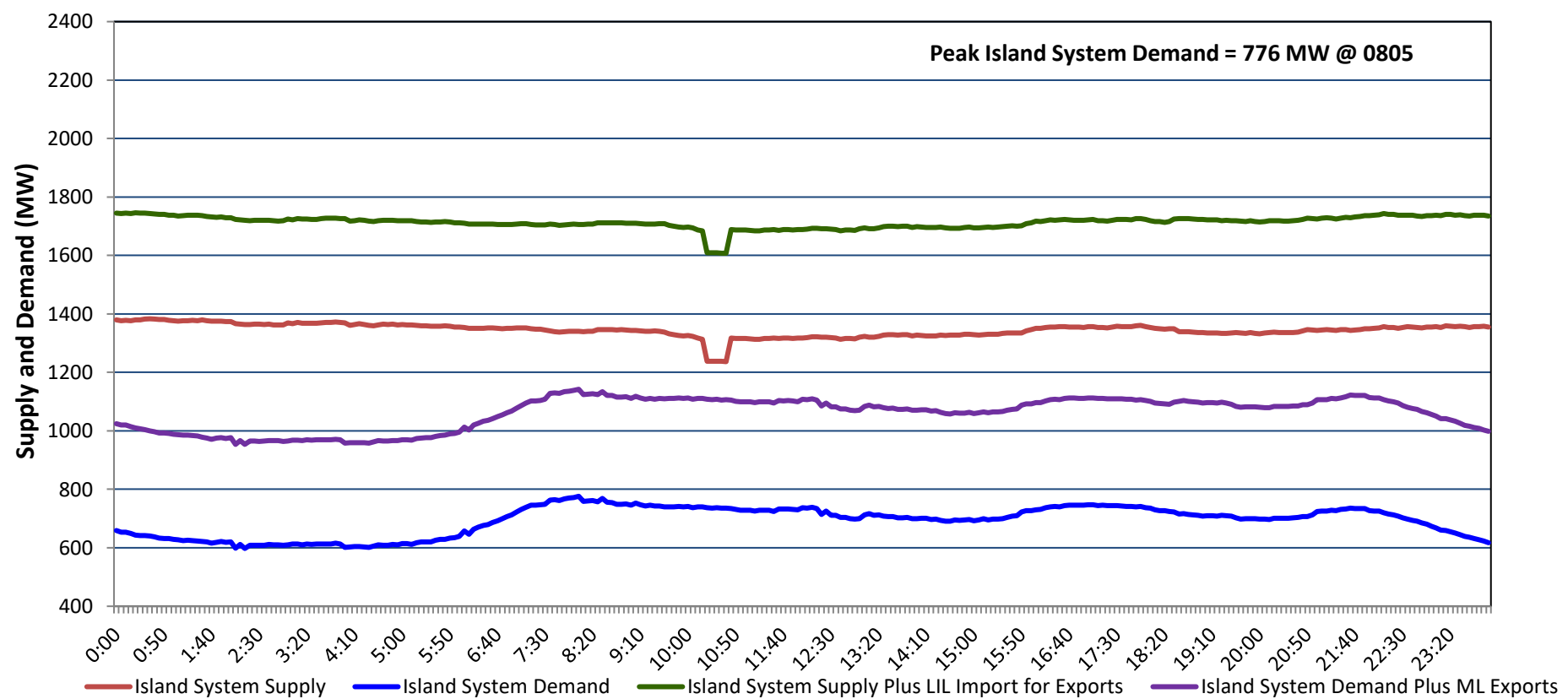


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, June 12, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Tuesday, June 11, 2024



### Island Supply Notes For June 11, 2024

- A As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- B As of 1400 hours, February 06, 2024, St. Anthony Diesel Plant available at 8.7 MW due to forced derating (9.7 MW).
- C As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 1038 hours, May 20, 2024, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- E As of 0700 hours, May 26, 2024, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- F As of 0510 hours, May 27, 2024, Cat Arm Unit 1 available at 60 MW due to forced derating (67 MW).
- G As of 0859 hours, May 30, 2024, Holyrood Unit 2 available but not operating (170 MW).
- H As of 1255 hours, May 31, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- I As of 0906 hours, June 02, 2024, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- J **At 1020 hours, June 11, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).**
- K **At 1042 hours, June 11, 2024, Bay d'Espoir Unit 6 available (76.5 MW).**

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

Wed, Jun 12, 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>1,330 MW</b>	Wednesday, June 12, 2024	<b>770</b>	<b>720</b>
NLH Island Generation: <sup>3,7</sup>	965 MW	Thursday, June 13, 2024	735	685
NLH Island Power Purchases: <sup>5</sup>	105 MW	Friday, June 14, 2024	785	735
NP and CBPP Owned Generation:	215 MW	Saturday, June 15, 2024	770	720
LIL Net Imports to Island: <sup>9</sup>	45 MW	Sunday, June 16, 2024	800	750
7-Day Island Peak Demand Forecast:	<b>860 MW</b>	Monday, June 17, 2024	860	810
		Tuesday, June 18, 2024	845	795

### Island Supply Notes For June 12, 2024

- L **At 0600 hours, June 12, 2024, Hardwoods Gas Turbine available at 25 MW due to planned derating (50 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

Tue, Jun 11, 2024	Island Peak Demand <sup>10</sup>	8:05	776 MW
	Exports at Peak		366 MW
	LIL Net Imports to Island		1,051 MWh
Wed, Jun 12, 2024	Forecast Island Peak Demand		770 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).