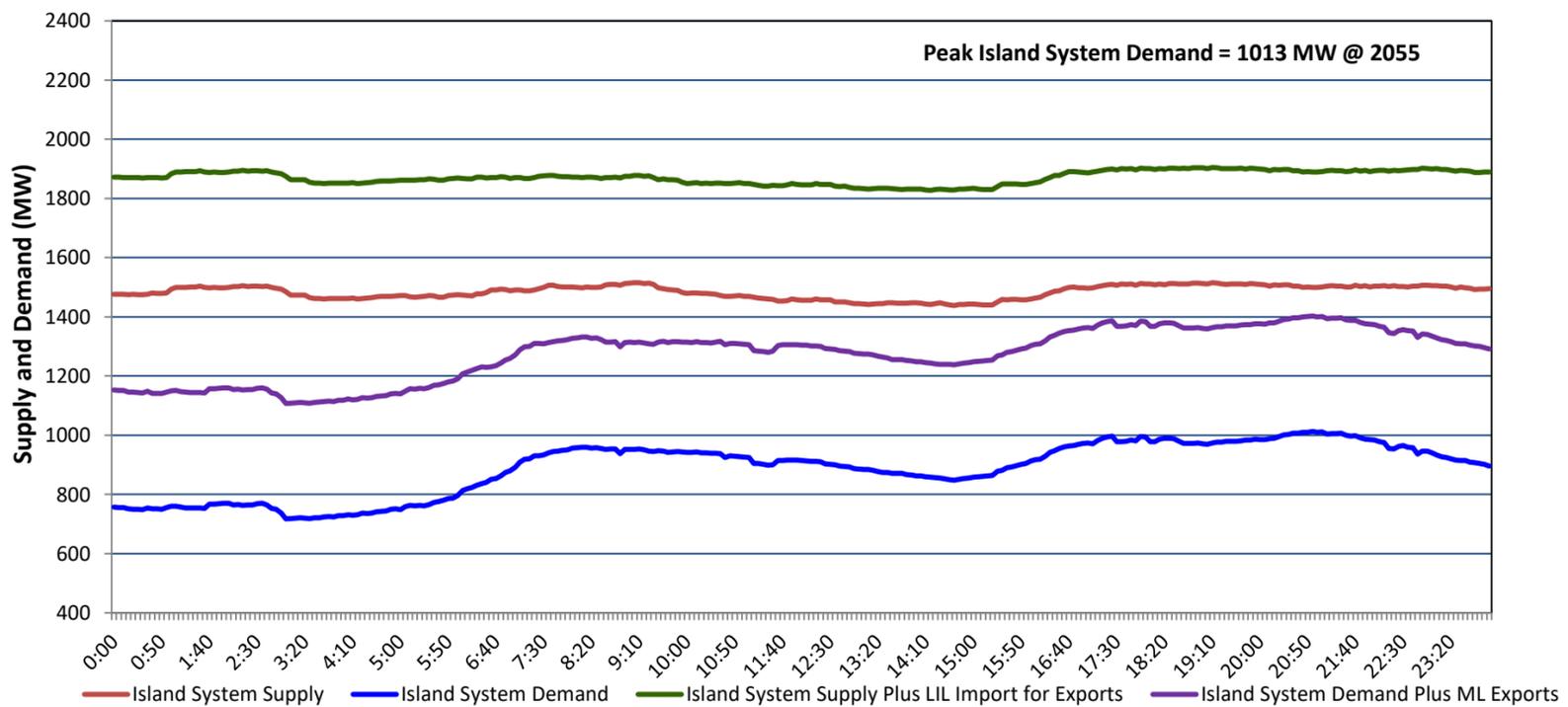


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, May 13, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Friday, May 10, 2024



### Island Supply Notes For May 10, 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 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E** As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- F** As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- G** As of 2306 hours, May 06, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Sat, May 11, 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>1,488 MW</b>	Saturday, May 11, 2024	<b>1,025</b>	<b>975</b>
NLH Island Generation: <sup>3,7</sup>	1,150 MW	Sunday, May 12, 2024	1,045	995
NLH Island Power Purchases: <sup>5</sup>	110 MW	Monday, May 13, 2024	1,005	955
NP and CBPP Owned Generation:	215 MW	Tuesday, May 14, 2024	975	925
LIL Net Imports to Island: <sup>9</sup>	13 MW	Wednesday, May 15, 2024	1,015	965
		Thursday, May 16, 2024	960	910
7-Day Island Peak Demand Forecast:	<b>1,045 MW</b>	Friday, May 17, 2024	955	905

### Island Supply Notes For May 11, 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, May 10, 2024	Island Peak Demand <sup>10</sup>	20:55	1,013 MW
	Exports at Peak		390 MW
	LIL Net Imports to Island		856 MWh
Sat, May 11, 2024	Forecast Island Peak Demand		1,025 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).