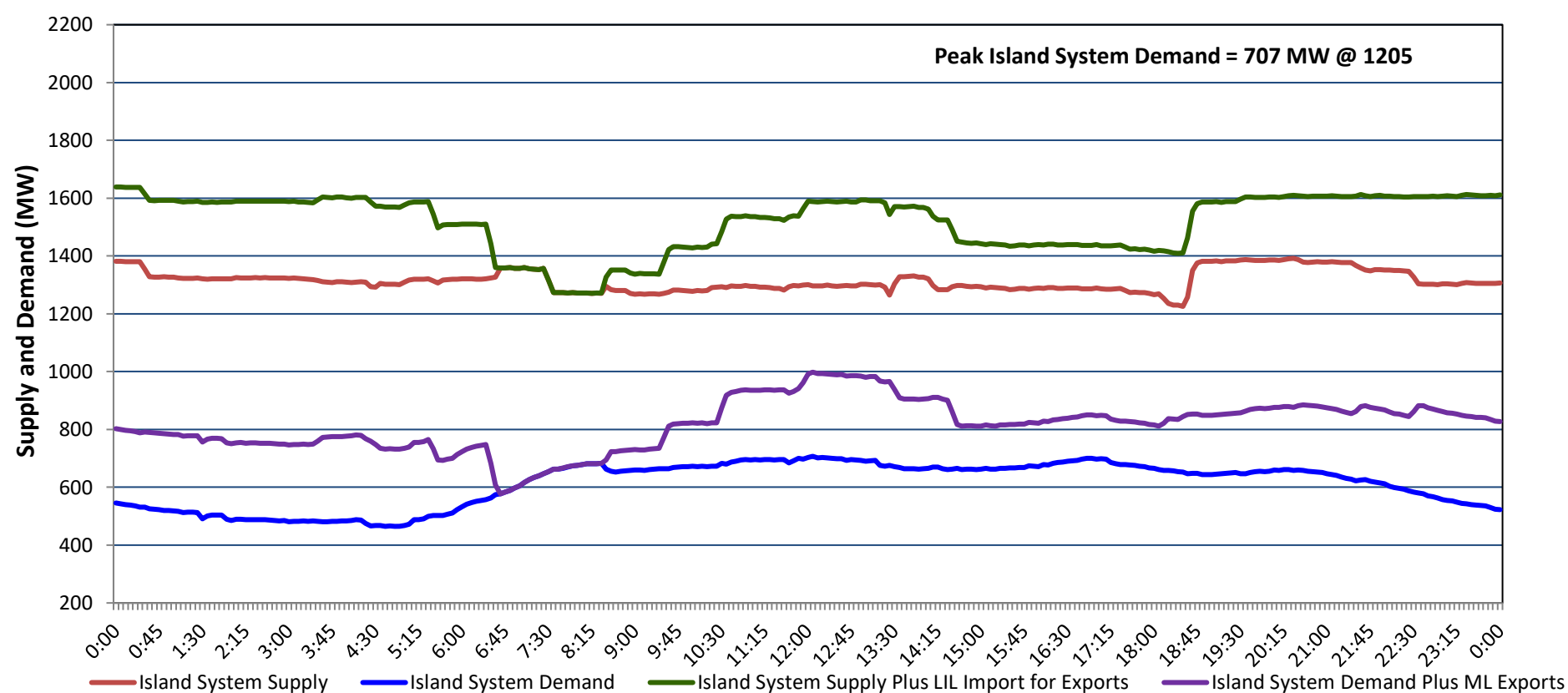


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, September 11, 2024

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



### Island Supply Notes For September 10, 2024 <sup>1</sup>

- A As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- B As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- C As of 0700 hours, May 26, 2024, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- D As of 0800 hours, August 04, 2024, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- E As of 0800 hours, August 11, 2024, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- F As of 1049 hours, August 25, 2024, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
- G At 0825 hours, September 10, 2024, Labrador Island Link unavailable due to planned testing (700 MW).
- H At 1658 hours, September 10, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Wed, Sep 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>1,384 MW</b>	Wednesday, September 11, 2024	<b>740</b>	<b>690</b>
NLH Island Generation: <sup>3,7</sup>	1,010 MW	Thursday, September 12, 2024	705	655
NLH Island Power Purchases: <sup>5</sup>	75 MW	Friday, September 13, 2024	700	650
NP and CBPP Owned Generation:	175 MW	Saturday, September 14, 2024	720	670
LIL Net Imports to Island: <sup>9</sup>	124 MW	Sunday, September 15, 2024	790	740
7-Day Island Peak Demand Forecast:	<b>820 MW</b>	Monday, September 16, 2024	820	770
		Tuesday, September 17, 2024	800	750

### Island Supply Notes For September 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

Tue, Sep 10, 2024	Island Peak Demand <sup>10</sup>	12:05	707 MW
	Exports at Peak		291 MW
	LIL Net Imports to Island		1,514 MWh
Wed, Sep 11, 2024	Forecast Island Peak Demand		740 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).