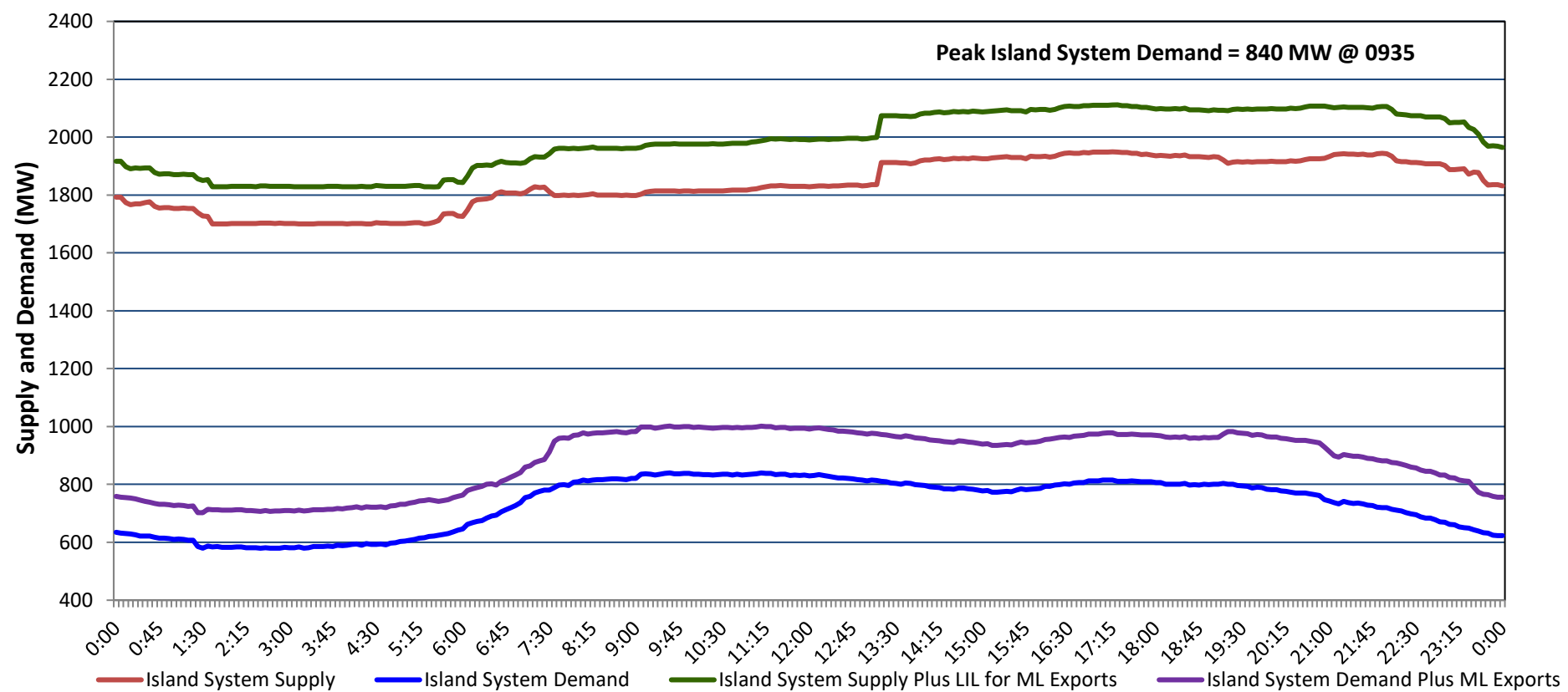


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, October 16, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Tuesday, October 15, 2024



### Island Supply Notes For October 15, 2024 <sup>1</sup>

- A As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- B As of 0946 hours, October 06, 2024, Upper Salmon Unit unavailable due to planned outage (84 MW).
- C As of 0801 hours, October 10, 2024, St. Anthony Diesel Plant available at 7.7 MW due to forced derating (9.7 MW).
- D As of 1930 hours, October 11, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- E **At 1312 hours, October 15, 2024, Bay d'Espoir Unit 5 available (76.5 MW).**

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

Wed, Oct 16, 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>	1,978 MW	Wednesday, October 16, 2024	890	840
NLH Island Generation: <sup>3,7</sup>	1,435 MW	Thursday, October 17, 2024	920	870
NLH Island Power Purchases: <sup>5</sup>	105 MW	Friday, October 18, 2024	980	930
NP and CBPP Owned Generation:	200 MW	Saturday, October 19, 2024	975	925
LIL/ML Net Imports to Island: <sup>9</sup>	238 MW	Sunday, October 20, 2024	890	840
		Monday, October 21, 2024	890	840
7-Day Island Peak Demand Forecast:	980 MW	Tuesday, October 22, 2024	890	840

### Island Supply Notes For October 16, 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, Oct 15, 2024	Island Peak Demand <sup>10</sup>	9:35	840 MW
	Exports at Peak		162 MW
	LIL Net Imports to Island		5,252 MWh
Wed, Oct 16, 2024	Forecast Island Peak Demand		890 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).