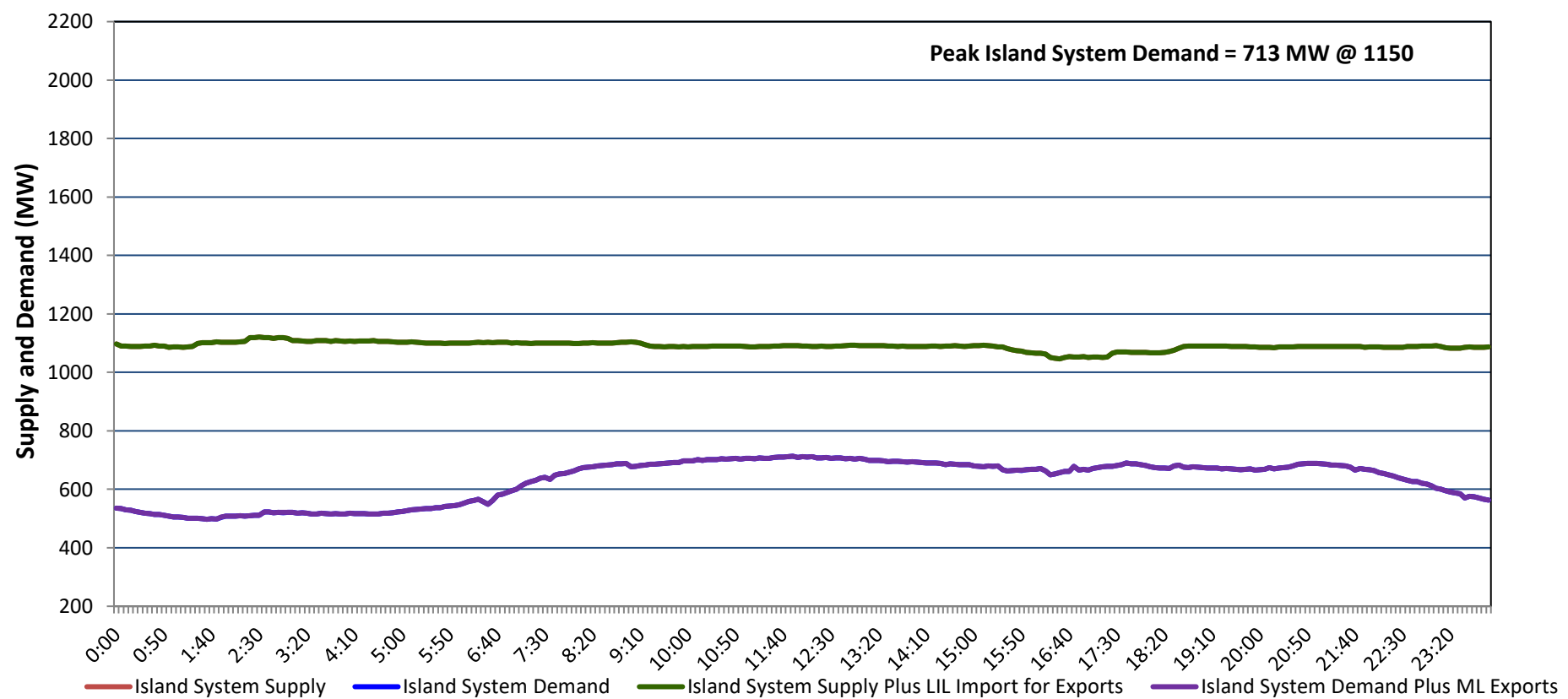


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, August 15, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, August 14, 2024



### Island Supply Notes For August 14, 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 1856 hours, July 04, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- E** As of 0652 hours, July 31, 2024, Labrador Island Link unavailable due to planned outage (700 MW).
- F** As of 1047 hours, August 02, 2024, Paradise River Unit unavailable due to forced outage (8 MW).
- G** As of 1504 hours, August 03, 2024, Bay d'Espoir Unit 7 unavailable due to forced extension to planned outage (154.4 MW).
- H** As of 0800 hours, August 04, 2024, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- I** As of 0800 hours, August 11, 2024, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).

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

Thu, Aug 15, 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>1,085 MW</b>	Thursday, August 15, 2024	<b>755</b>	<b>705</b>
NLH Island Generation: <sup>3,7</sup>	835 MW	Friday, August 16, 2024	715	665
NLH Island Power Purchases: <sup>5</sup>	75 MW	Saturday, August 17, 2024	730	680
NP and CBPP Owned Generation:	175 MW	Sunday, August 18, 2024	745	695
LIL Net Imports to Island: <sup>9</sup>	- MW	Monday, August 19, 2024	790	740
		Tuesday, August 20, 2024	790	740
7-Day Island Peak Demand Forecast:	<b>790 MW</b>	Wednesday, August 21, 2024	765	715

### Island Supply Notes For August 15, 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

Wed, Aug 14, 2024	Island Peak Demand <sup>10</sup>	11:50	713 MW
	Exports at Peak		0 MW
	LIL Net Imports to Island		0 MWh
Thu, Aug 15, 2024	Forecast Island Peak Demand		755 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).