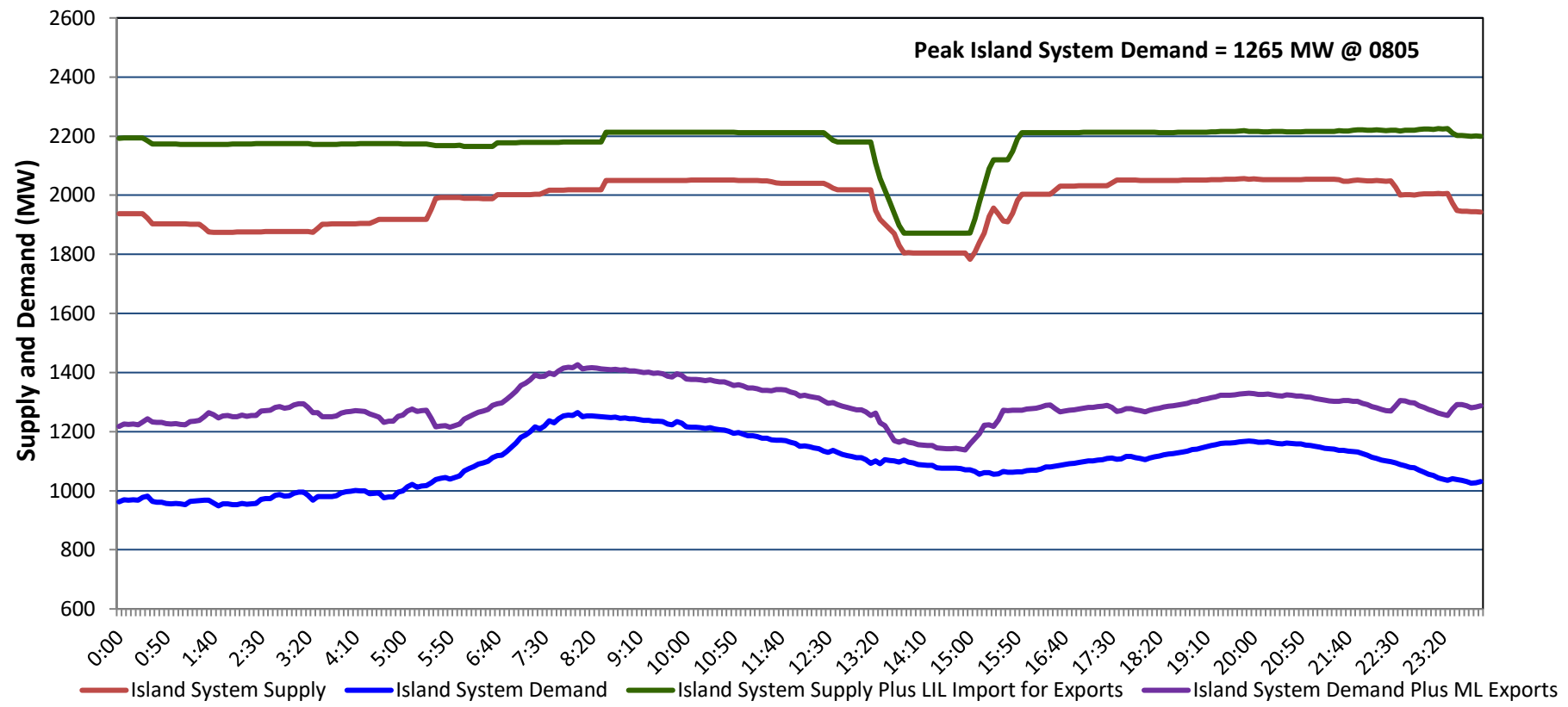


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, March 14, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, March 13, 2024



### Island Supply Notes For March 13, 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 1102 hours, March 06, 2024, Holyrood Unit 1 available at 160 MW (170 MW).
- E As of 1557 hours, March 12, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Thu, Mar 14, 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>	1,970 MW	Thursday, March 14, 2024	1,275	1,180
NLH Island Generation: <sup>3,7</sup>	1,460 MW	Friday, March 15, 2024	1,315	1,220
NLH Island Power Purchases: <sup>5</sup>	125 MW	Saturday, March 16, 2024	1,245	1,151
NP and CBPP Owned Generation:	225 MW	Sunday, March 17, 2024	1,225	1,131
LIL Net Imports to Island: <sup>9</sup>	160 MW	Monday, March 18, 2024	1,280	1,185
		Tuesday, March 19, 2024	1,245	1,151
7-Day Island Peak Demand Forecast:	1,315 MW	Wednesday, March 20, 2024	1,290	1,195

### Island Supply Notes For March 14, 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, Mar 13, 2024	Island Peak Demand <sup>10</sup>	8:05	1,265 MW
	Exports at Peak		162 MW
	LIL Net Imports to Island		4,892 MWh
Thu, Mar 14, 2024	Forecast Island Peak Demand		1,275 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).