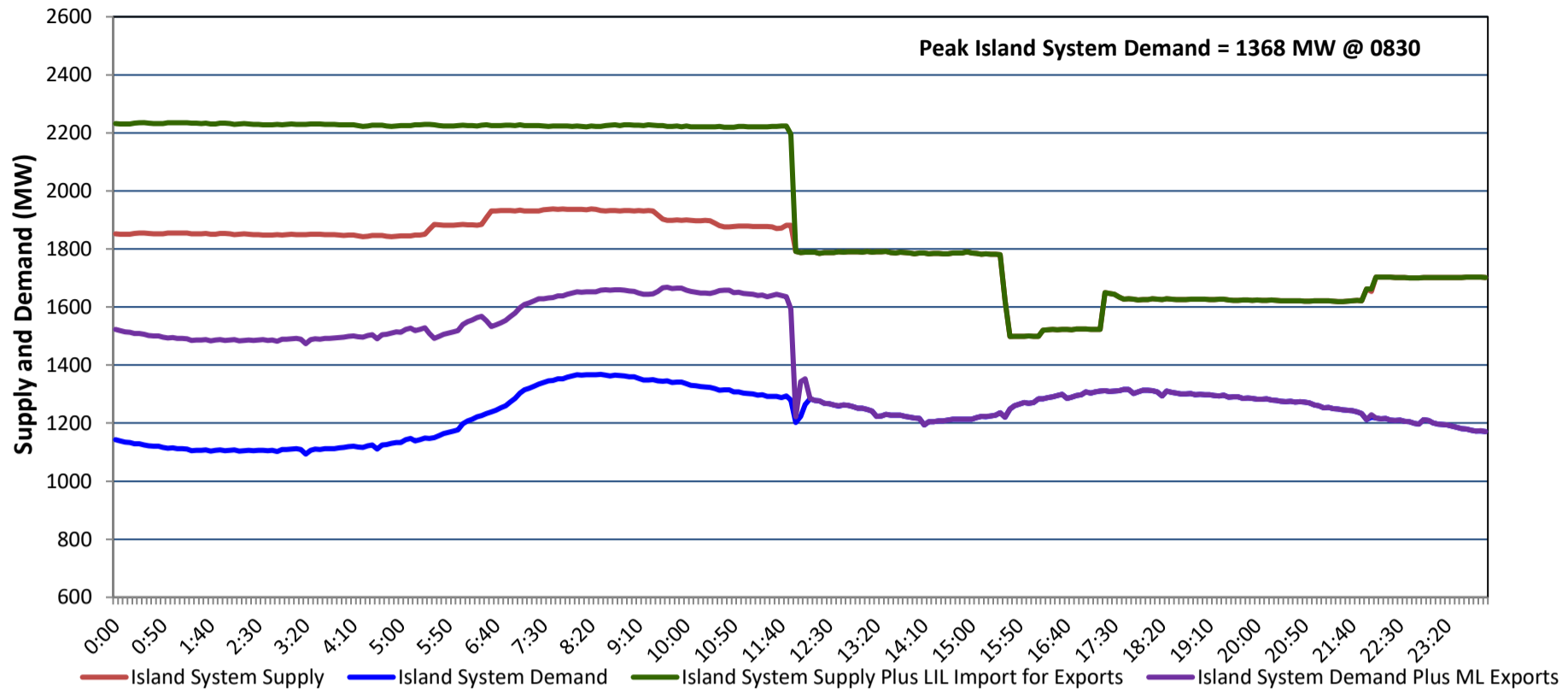


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, February 12, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Friday, February 09, 2024



### Island Supply Notes For February 09, 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 At 1145 hours, February 09, 2024, Labrador Island Link available at 450 MW due to forced outage (700 MW) - Monopole.
- E At 1153 hours, February 09, 2024, Labrador Island Link unavailable due to forced outage (700 MW).
- F At 1534 hours, February 09, 2024, Holyrood Unit 1 unavailable due to forced outage 160 MW (170 MW).
- G At 1539 hours, February 09, 2024, Holyrood Gas Turbine unavailable due to forced outage (123.5 MW).
- H At 1716 hours, February 09, 2024, Holyrood Gas Turbine available (123.5 MW).
- I At 2152 hours, February 09, 2024, Labrador Island Link available at 345 MW (700 MW) - Monopole.
- J At 2201 hours, February 09, 2024, Labrador Island Link available at 345 MW (700 MW) - Bipole.

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

Sat, Feb 10, 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>	1,701 MW	Saturday, February 10, 2024	1,340	1,245
NLH Island Generation: <sup>3,7</sup>	1,300 MW	Sunday, February 11, 2024	1,260	1,165
NLH Island Power Purchases: <sup>5</sup>	100 MW	Monday, February 12, 2024	1,275	1,180
NP and CBPP Owned Generation:	225 MW	Tuesday, February 13, 2024	1,335	1,240
LIL Net Imports to Island: <sup>9</sup>	76 MW	Wednesday, February 14, 2024	1,370	1,274
		Thursday, February 15, 2024	1,345	1,249
7-Day Island Peak Demand Forecast:	1,370 MW	Friday, February 16, 2024	1,285	1,190

### Island Supply Notes For February 10, 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, Feb 09, 2024	Island Peak Demand <sup>10</sup>	8:30	1,368 MW
	Exports at Peak		290 MW
	LIL Net Imports to Island		1,434 MWh
Sat, Feb 10, 2024	Forecast Island Peak Demand		1,340 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).