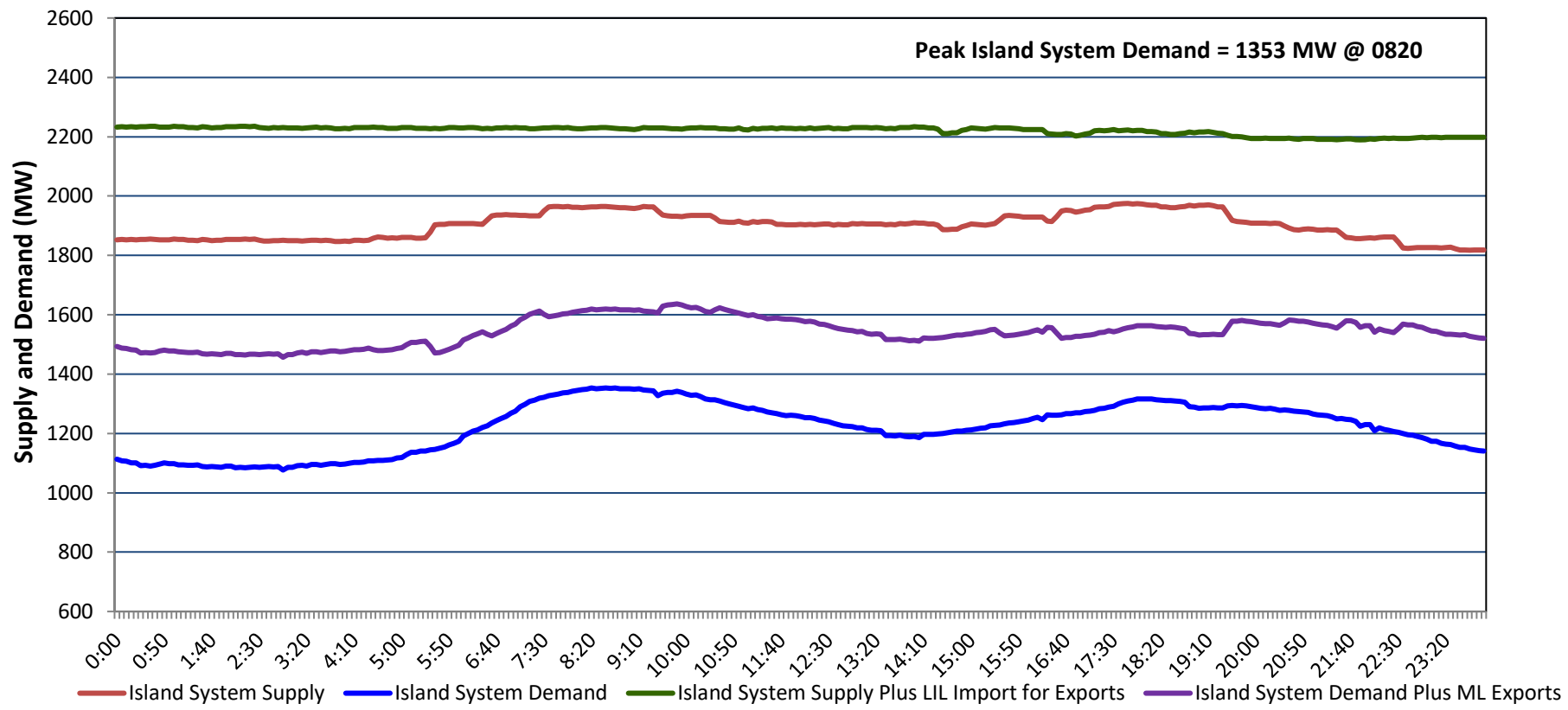


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, February 19, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Friday, February 16, 2024



### Island Supply Notes For February 16, 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 0318 hours, February 12, 2024, Holyrood Unit 1 available at 160 MW (170 MW).
- E As of 1834 hours, February 12, 2024, Labrador Island Link available at 450 MW (700 MW) - Bipole.

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

Sat, Feb 17, 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>	2,039 MW	Saturday, February 17, 2024	1,400	1,304
NLH Island Generation: <sup>3,7</sup>	1,460 MW	Sunday, February 18, 2024	1,420	1,324
NLH Island Power Purchases: <sup>5</sup>	135 MW	Monday, February 19, 2024	1,445	1,348
NP and CBPP Owned Generation:	230 MW	Tuesday, February 20, 2024	1,500	1,403
LIL Net Imports to Island: <sup>9</sup>	214 MW	Wednesday, February 21, 2024	1,555	1,457
		Thursday, February 22, 2024	1,430	1,333
7-Day Island Peak Demand Forecast:	1,555 MW	Friday, February 23, 2024	1,495	1,398

### Island Supply Notes For February 17, 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 16, 2024	Island Peak Demand <sup>10</sup>	8:20	1,353 MW
	Exports at Peak		266 MW
	LIL Net Imports to Island		2,765 MWh
Sat, Feb 17, 2024	Forecast Island Peak Demand		1,400 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).