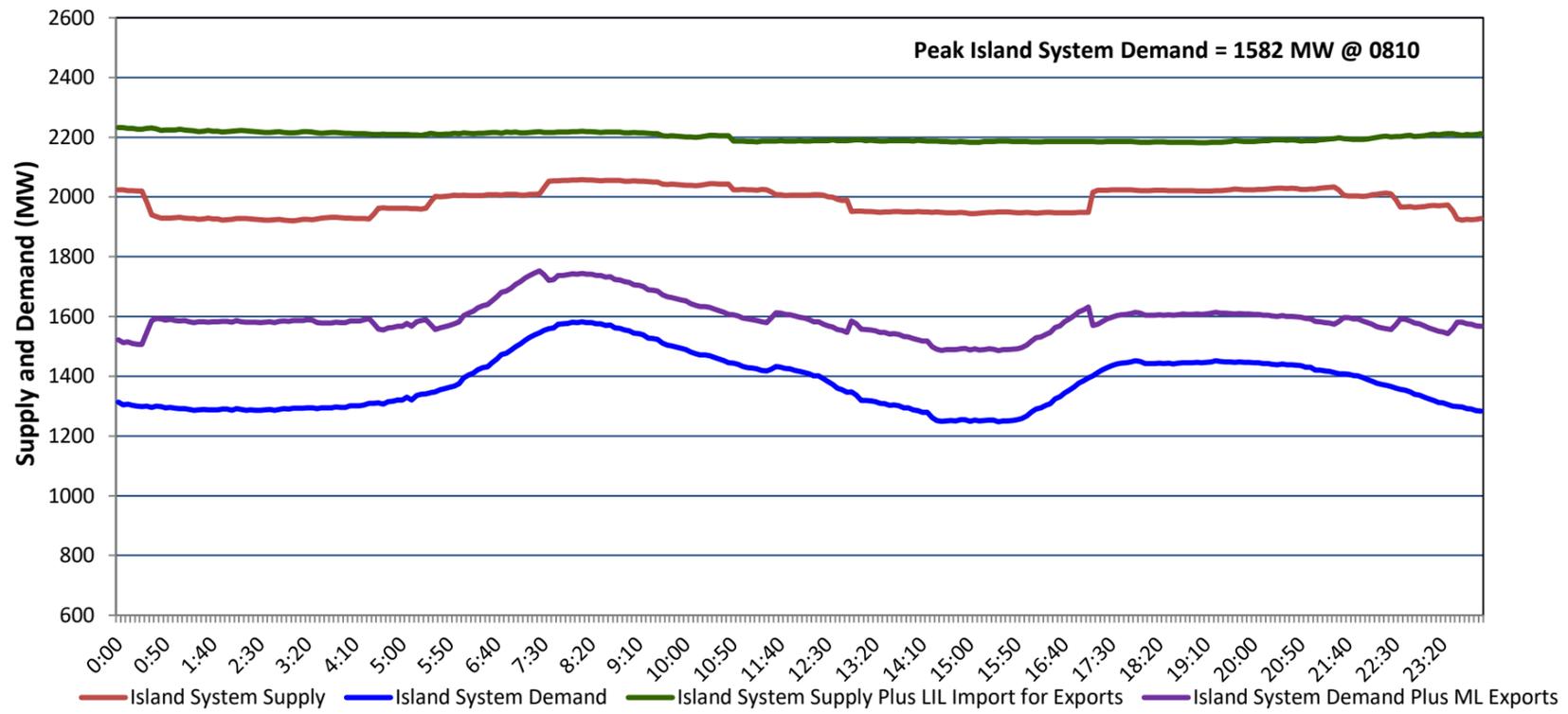


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, February 01, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, January 31, 2024



### Island Supply Notes For January 31, 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 0138 hours, December 18, 2023, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- D As of 1917 hours, January 27, 2024, Holyrood Unit 1 available at 160 MW (170 MW).

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

Thu, Feb 01, 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>	2,047 MW	Thursday, February 1, 2024	1,555	1,457
NLH Island Generation: <sup>3,7</sup>	1,465 MW	Friday, February 2, 2024	1,435	1,338
NLH Island Power Purchases: <sup>5</sup>	95 MW	Saturday, February 3, 2024	1,410	1,314
NP and CBPP Owned Generation:	225 MW	Sunday, February 4, 2024	1,360	1,264
LIL Net Imports to Island: <sup>9</sup>	262 MW	Monday, February 5, 2024	1,320	1,225
		Tuesday, February 6, 2024	1,370	1,274
7-Day Island Peak Demand Forecast:	1,555 MW	Wednesday, February 7, 2024	1,355	1,259

### Island Supply Notes For February 01, 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, Jan 31, 2024	Island Peak Demand <sup>10</sup>	8:10	1,582 MW
	Exports at Peak		162 MW
	LIL Net Imports to Island		5,314 MWh
Thu, Feb 01, 2024	Forecast Island Peak Demand		1,555 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).