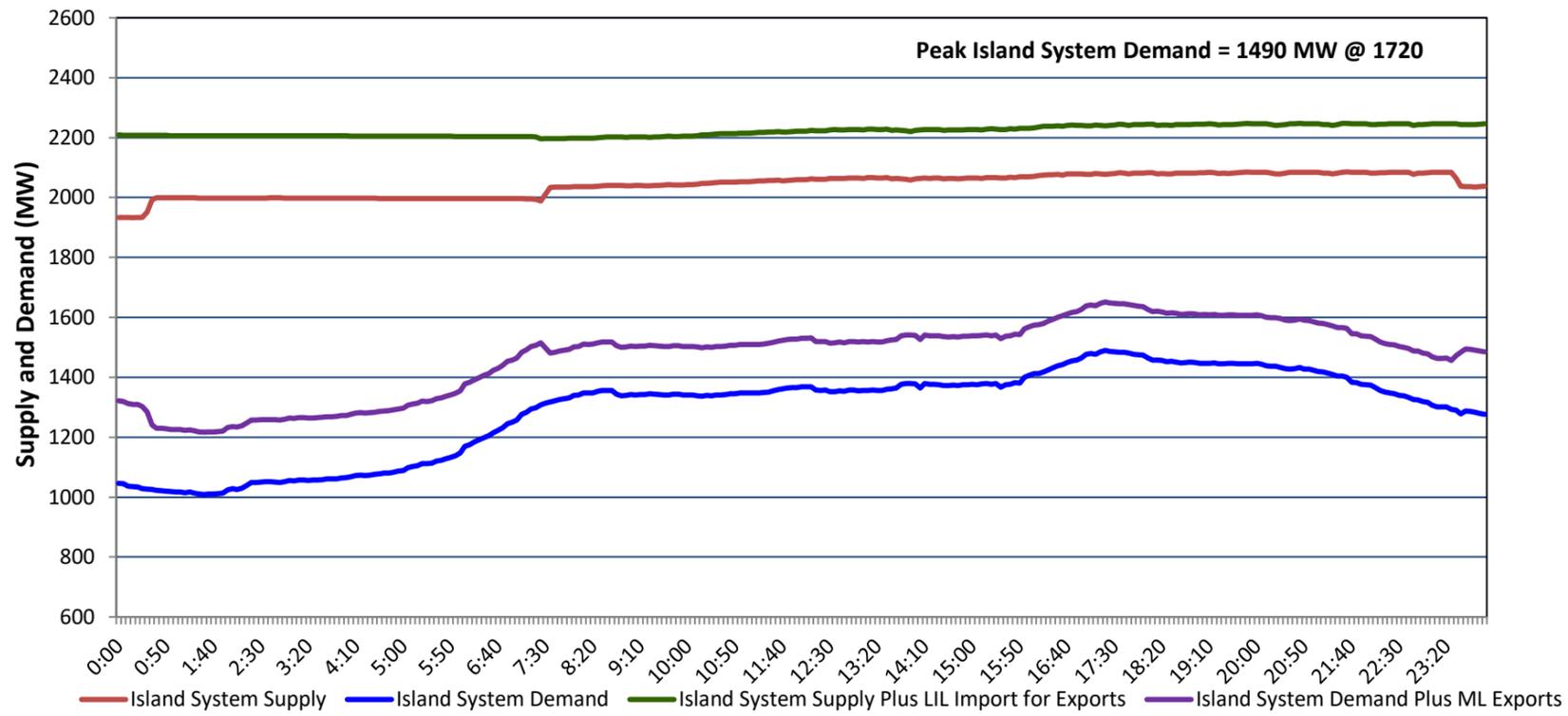


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, January 30, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Monday, January 29, 2024



### Island Supply Notes For January 29, 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

Tue, Jan 30, 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>2,098 MW</b>	Tuesday, January 30, 2024	<b>1,620</b>	<b>1,521</b>
NLH Island Generation: <sup>3,7</sup>	1,465 MW	Wednesday, January 31, 2024	1,515	1,417
NLH Island Power Purchases: <sup>5</sup>	145 MW	Thursday, February 1, 2024	1,470	1,373
NP and CBPP Owned Generation:	225 MW	Friday, February 2, 2024	1,410	1,314
LIL Net Imports to Island: <sup>9</sup>	263 MW	Saturday, February 3, 2024	1,315	1,220
		Sunday, February 4, 2024	1,335	1,240
7-Day Island Peak Demand Forecast:	<b>1,620 MW</b>	Monday, February 5, 2024	1,450	1,353

### Island Supply Notes For January 30, 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

Mon, Jan 29, 2024	Island Peak Demand <sup>10</sup>	17:20	1,490 MW
	Exports at Peak		162 MW
	LIL Net Imports to Island		6,151 MWh
Tue, Jan 30, 2024	Forecast Island Peak Demand		1,620 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).