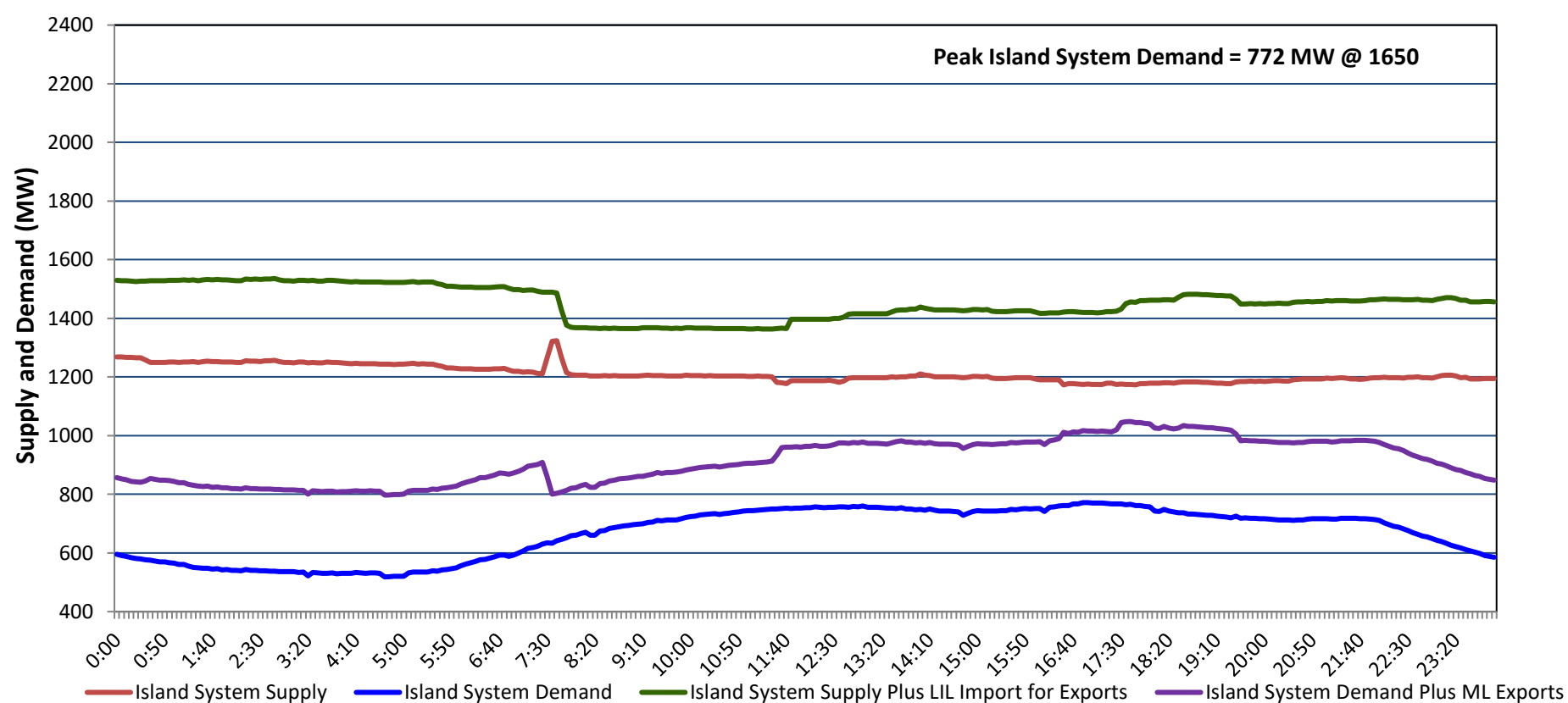


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, July 17, 2024

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



### Island Supply Notes For July 16, 2024

- A As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- B As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- C As of 0700 hours, May 26, 2024, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- D As of 0510 hours, May 27, 2024, Cat Arm Unit 1 available at 60 MW due to forced derating (67 MW).
- E As of 0859 hours, May 30, 2024, Holyrood Unit 2 available but not operating (170 MW).
- F As of 1856 hours, July 04, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- G As of 0934 hours, July 09, 2024, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- H At 0543 hours, July 16, 2024, Labrador Island Link available at 450 MW due to planned derating (700 MW) - Monopole.
- I At 2337 hours, July 16, 2024, Paradise River Unit unavailable due to forced outage (8 MW).
- J At 2340 hours, July 16, 2024, Paradise River Unit available (8 MW).

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

Wed, Jul 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>	1,203 MW	Wednesday, July 17, 2024	790	740
NLH Island Generation: <sup>3,7</sup>	915 MW	Thursday, July 18, 2024	740	690
NLH Island Power Purchases: <sup>5</sup>	90 MW	Friday, July 19, 2024	755	705
NP and CBPP Owned Generation:	190 MW	Saturday, July 20, 2024	730	680
LIL Net Imports to Island: <sup>9</sup>	8 MW	Sunday, July 21, 2024	730	680
		Monday, July 22, 2024	765	715
7-Day Island Peak Demand Forecast:	790 MW	Tuesday, July 23, 2024	765	715

### Island Supply Notes For July 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

Tue, Jul 16, 2024	Island Peak Demand <sup>10</sup>	16:50	772 MW
	Exports at Peak		245 MW
	LIL Net Imports to Island		637 MWh
Wed, Jul 17, 2024	Forecast Island Peak Demand		790 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).