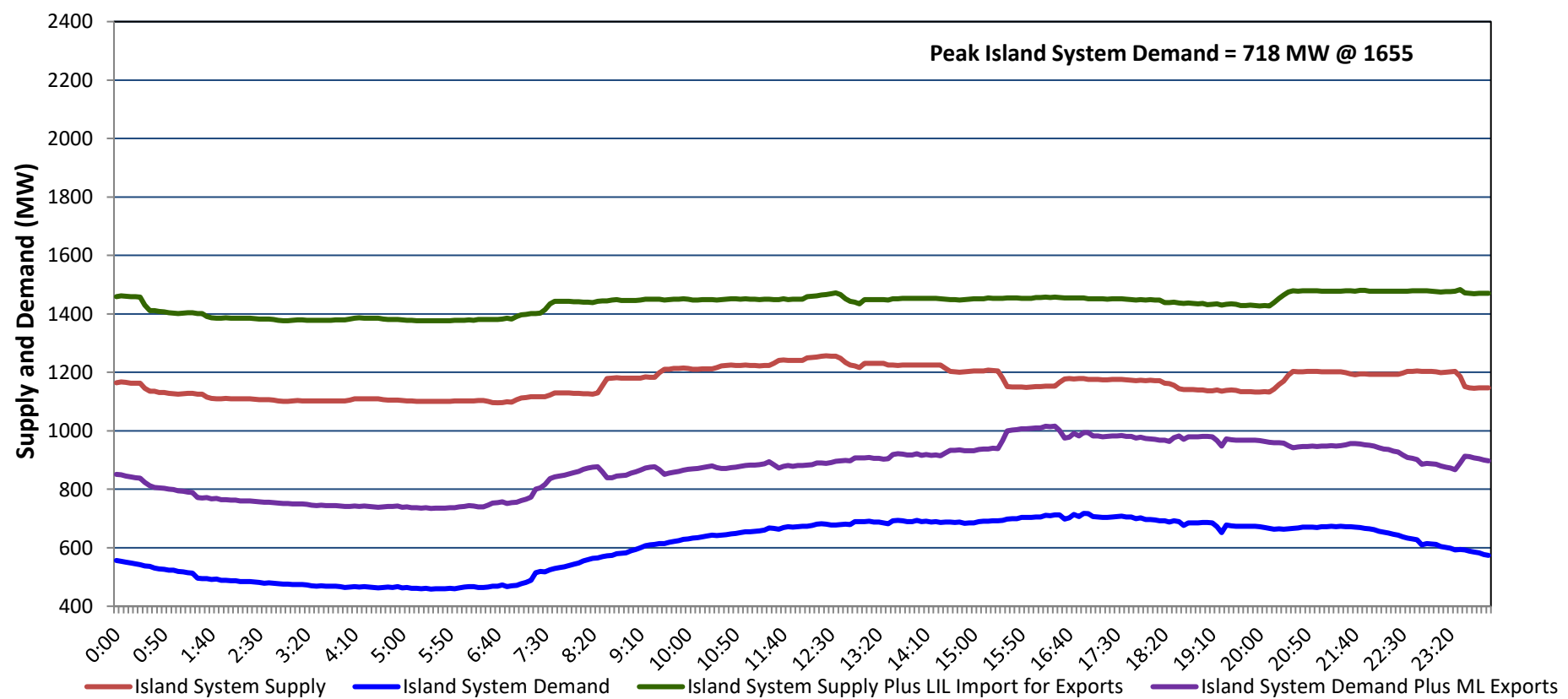


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, July 16, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Sunday, July 14, 2024



### Island Supply Notes For July 14, 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 1038 hours, May 20, 2024, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- D As of 0700 hours, May 26, 2024, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- E As of 0510 hours, May 27, 2024, Cat Arm Unit 1 available at 60 MW due to forced derating (67 MW).
- F As of 0859 hours, May 30, 2024, Holyrood Unit 2 available but not operating (170 MW).
- G As of 1856 hours, July 04, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- H As of 0934 hours, July 09, 2024, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- I As of 2111 hours, July 12, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

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

Mon, Jul 15, 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>	1,207 MW	Monday, July 15, 2024	770	720
NLH Island Generation: <sup>3,7</sup>	840 MW	Tuesday, July 16, 2024	730	680
NLH Island Power Purchases: <sup>5</sup>	85 MW	Wednesday, July 17, 2024	780	730
NP and CBPP Owned Generation:	190 MW	Thursday, July 18, 2024	790	740
LIL Net Imports to Island: <sup>9</sup>	92 MW	Friday, July 19, 2024	765	715
		Saturday, July 20, 2024	730	680
7-Day Island Peak Demand Forecast:	790 MW	Sunday, July 21, 2024	735	685

### Island Supply Notes For July 15, 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

Sun, Jul 14, 2024	Island Peak Demand <sup>10</sup>	16:55	718 MW
	Exports at Peak		276 MW
	LIL Net Imports to Island		1,839 MWh
Mon, Jul 15, 2024	Forecast Island Peak Demand		770 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).