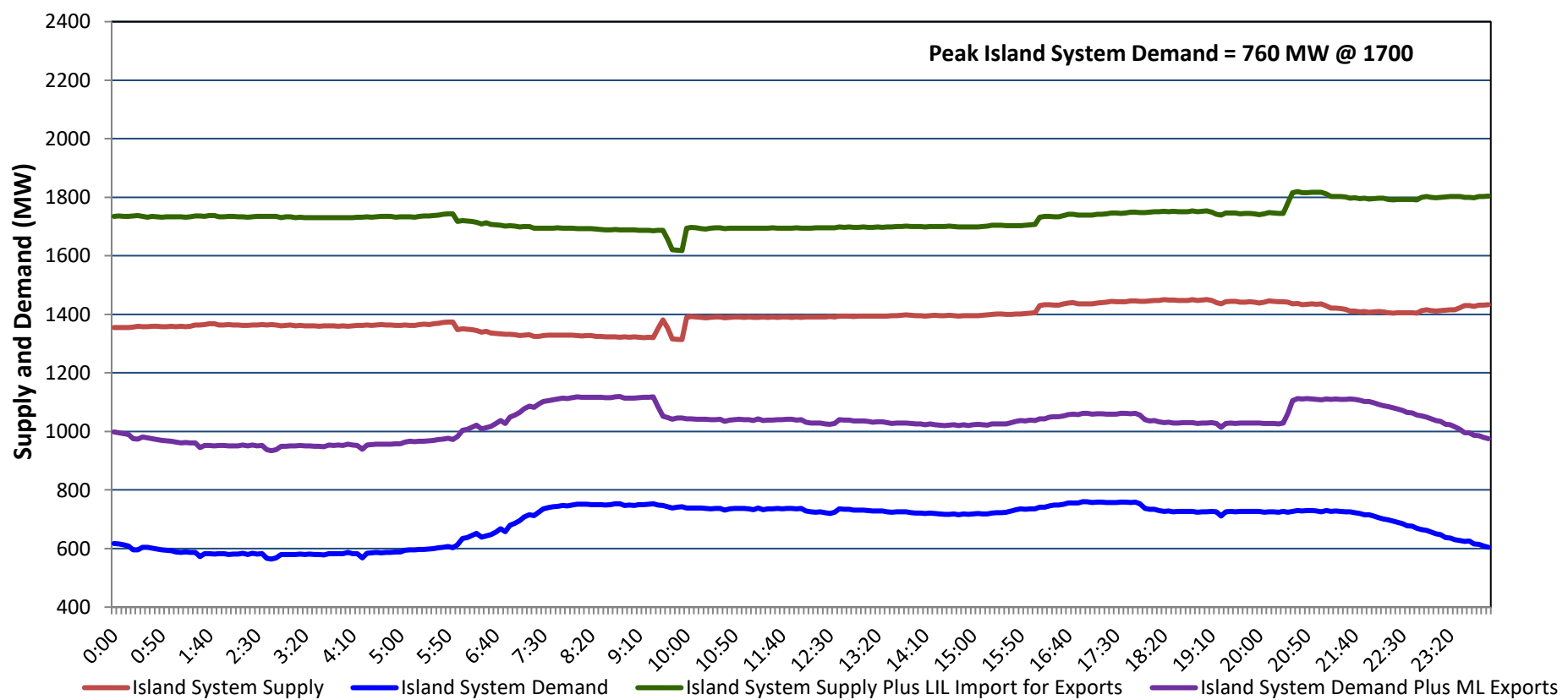


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, June 13, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, June 12, 2024



### Island Supply Notes For June 12, 2024

- A As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- B As of 1400 hours, February 06, 2024, St. Anthony Diesel Plant available at 8.7 MW due to forced derating (9.7 MW).
- C As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 1038 hours, May 20, 2024, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- E As of 0700 hours, May 26, 2024, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- F As of 0510 hours, May 27, 2024, Cat Arm Unit 1 available at 60 MW due to forced derating (67 MW).
- G As of 0859 hours, May 30, 2024, Holyrood Unit 2 available but not operating (170 MW).
- H As of 1255 hours, May 31, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.
- I At 0600 hours, June 12, 2024, Hardwoods Gas Turbine available at 25 MW due to planned derating (50 MW).
- J At 1000 hours, June 12, 2024, Bay d'Espoir Unit 2 available (76.5 MW).
- K At 1606 hours, June 12, 2024, Hardwoods Gas Turbine available at full capacity (50 MW).

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

Thu, Jun 13, 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>	1,445 MW	Thursday, June 13, 2024	775	725
NLH Island Generation: <sup>3,7</sup>	1,070 MW	Friday, June 14, 2024	760	710
NLH Island Power Purchases: <sup>5</sup>	125 MW	Saturday, June 15, 2024	765	715
NP and CBPP Owned Generation:	215 MW	Sunday, June 16, 2024	810	760
LIL Net Imports to Island: <sup>9</sup>	35 MW	Monday, June 17, 2024	845	795
		Tuesday, June 18, 2024	805	755
7-Day Island Peak Demand Forecast:	845 MW	Wednesday, June 19, 2024	795	745

### Island Supply Notes For June 13, 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, Jun 12, 2024	Island Peak Demand <sup>10</sup>	17:00	760 MW
	Exports at Peak		302 MW
	LIL Net Imports to Island		1,086 MWh
Thu, Jun 13, 2024	Forecast Island Peak Demand		775 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).