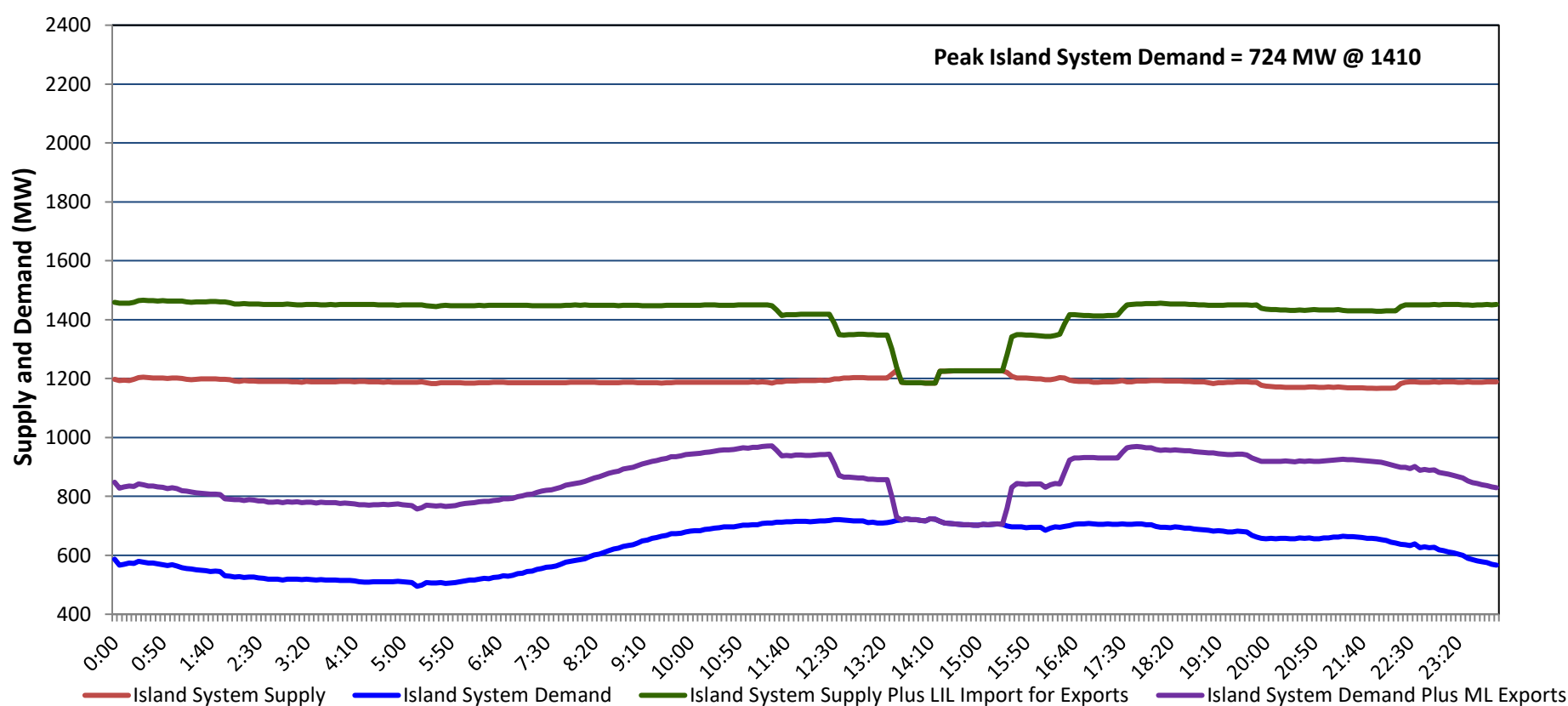


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, July 22, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Sunday, July 21, 2024



### Island Supply Notes For July 21, 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 0859 hours, May 30, 2024, Holyrood Unit 2 available but not operating (170 MW).
- E As of 1856 hours, July 04, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- F As of 0934 hours, July 09, 2024, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- G At 1337 hours, July 21, 2024, Labrador Island Link unavailable due to planned outage (700 MW).
- H At 1417 hours, July 21, 2024, Labrador Island Link available at 450 MW due to planned derating (700 MW) - Monopole.

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

Mon, Jul 22, 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>	1,200 MW	Monday, July 22, 2024	775	725
NLH Island Generation: <sup>3,7</sup>	920 MW	Tuesday, July 23, 2024	725	675
NLH Island Power Purchases: <sup>5</sup>	85 MW	Wednesday, July 24, 2024	755	705
NP and CBPP Owned Generation:	190 MW	Thursday, July 25, 2024	770	720
LIL Net Imports to Island: <sup>9</sup>	5 MW	Friday, July 26, 2024	760	710
		Saturday, July 27, 2024	745	695
7-Day Island Peak Demand Forecast:	775 MW	Sunday, July 28, 2024	740	690

### Island Supply Notes For July 22, 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 21, 2024	Island Peak Demand <sup>10</sup>	14:10	724 MW
	Exports at Peak		0 MW
	LIL Net Imports to Island		267 MWh
Mon, Jul 22, 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).