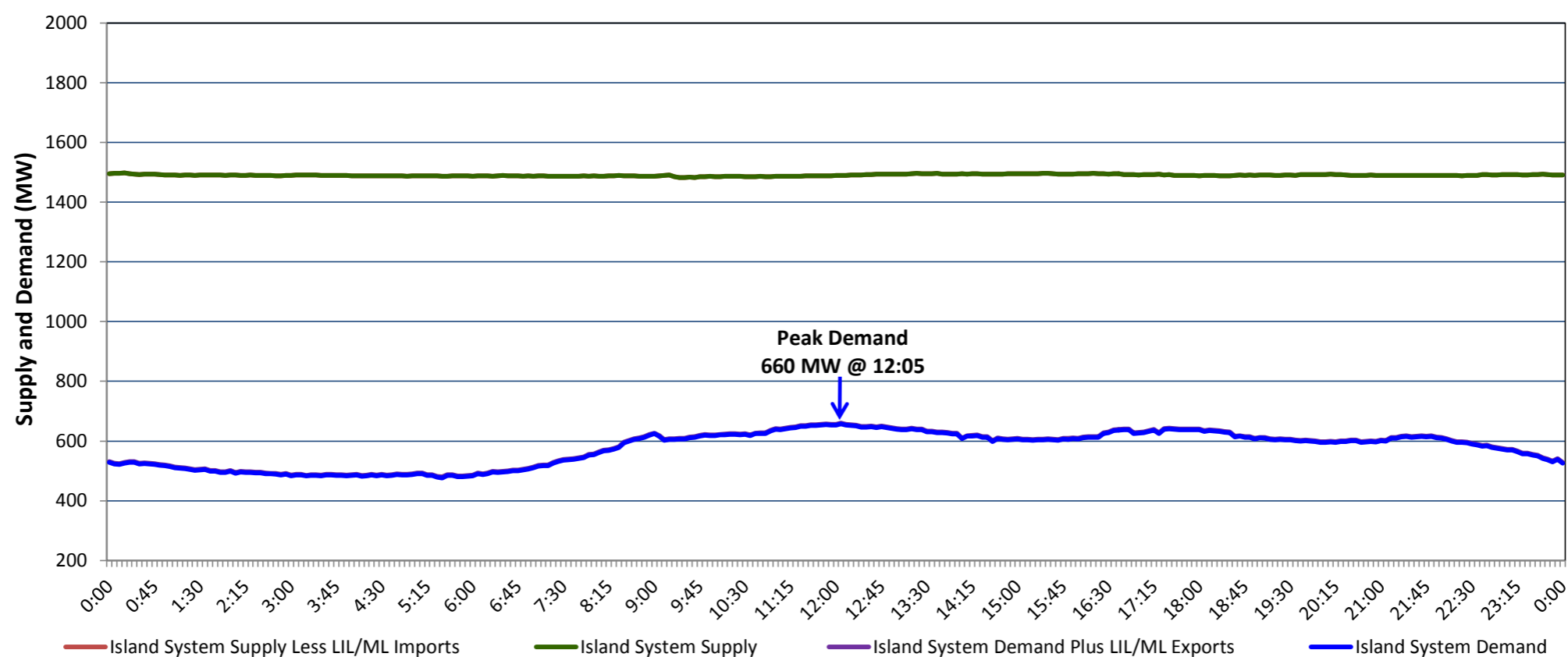


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, July 27, 2020

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, July 25, 2020



#### Supply Notes For July 25, 2020

1,2

- A As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- B As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- C As of 1000 hours, July 06, 2020, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- D As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).

### Section 2 Island Interconnected Supply and Demand

Sun, Jul 26, 2020	Island System Outlook <sup>3</sup>			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,505	MW		Sunday, July 26, 2020	15	16	710	710
NLH Island Generation: <sup>4</sup>	1,200	MW		Monday, July 27, 2020	15	16	775	775
NLH Island Power Purchases: <sup>6</sup>	105	MW		Tuesday, July 28, 2020	14	14	760	760
Other Island Generation:	200	MW		Wednesday, July 29, 2020	13	13	770	770
ML/LIL Imports:	-	MW		Thursday, July 30, 2020	15	19	745	745
Current St. John's Temperature & Windchill:	14 °C	N/A °C		Friday, July 31, 2020	18	17	730	730
7-Day Island Peak Demand Forecast:	775	MW		Saturday, August 01, 2020	19	19	705	705

#### Supply Notes For July 26, 2020

3

- 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. The power system operators schedule 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. Due to the Island system having no synchronous connections to the larger North American grid, when there is a sudden loss of large generating units there may be a requirement for some customer's load to be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
  3. As of 0800 Hours.
  4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  5. Gross output from all Island sources (including Note 4).
  6. NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
  7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

### Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak

Sat, Jul 25, 2020	Actual Island Peak Demand <sup>8</sup>	12:05	660 MW
Sun, Jul 26, 2020	Forecast Island Peak Demand		710 MW

- Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).