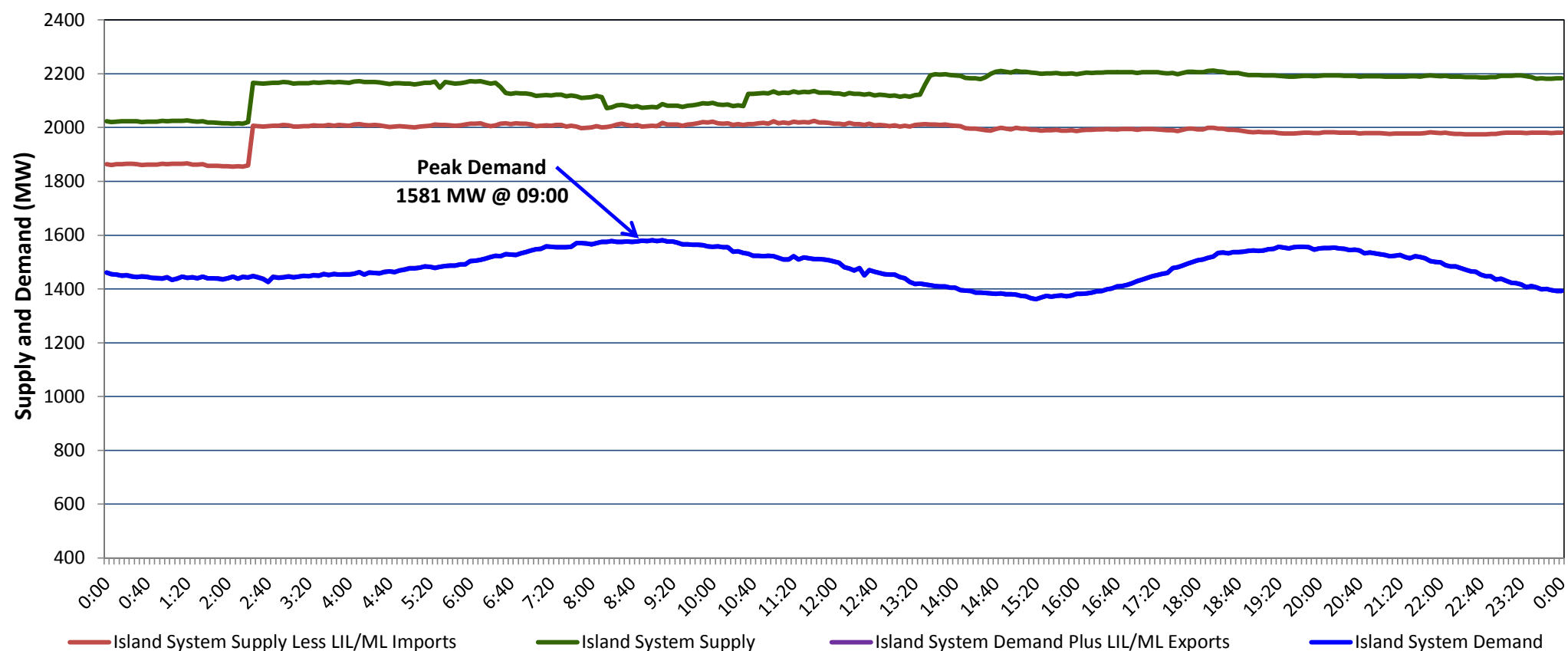


**Newfoundland Labrador Hydro (NLH)**  
**Supply and Demand Status Report Filed Monday, February 25, 2019**

**Section 1**  
**Island Interconnected System Supply, Demand & Exports**  
**Actual 24 Hour System Performance For Sunday, February 24, 2019**



**Supply Notes For February 24, 2019**

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- A As of 1527 hours, February 22, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
- B At 0225 hours, February 24, 2019, Holyrood Unit 3 available (150 MW).

**Section 2**  
**Island Interconnected Supply and Demand**

Mon, Feb 25, 2019	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>	2,216 MW	Monday, February 25, 2019	-10	-1	1,695	1,589
NLH Island Generation: <sup>4</sup>	1,670 MW	Tuesday, February 26, 2019	-2	-6	1,535	1,431
NLH Island Power Purchases: <sup>6</sup>	135 MW	Wednesday, February 27, 2019	-5	-5	1,525	1,421
Other Island Generation:	210 MW	Thursday, February 28, 2019	-8	-7	1,575	1,471
ML/LIL Imports:	201 MW	Friday, March 01, 2019	-8	-6	1,565	1,461
Current St. John's Temperature & Windchill: -10 °C	-16 °C	Saturday, March 02, 2019	-7	-5	1,400	1,298
7-Day Island Peak Demand Forecast:	1,695 MW	Sunday, March 03, 2019	-3	4	1,385	1,283

**Supply Notes For February 25, 2019**

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- 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**

Sun, Feb 24, 2019	Actual Island Peak Demand <sup>8</sup>	09:00	1,581 MW
Mon, Feb 25, 2019	Forecast Island Peak Demand		1,695 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).