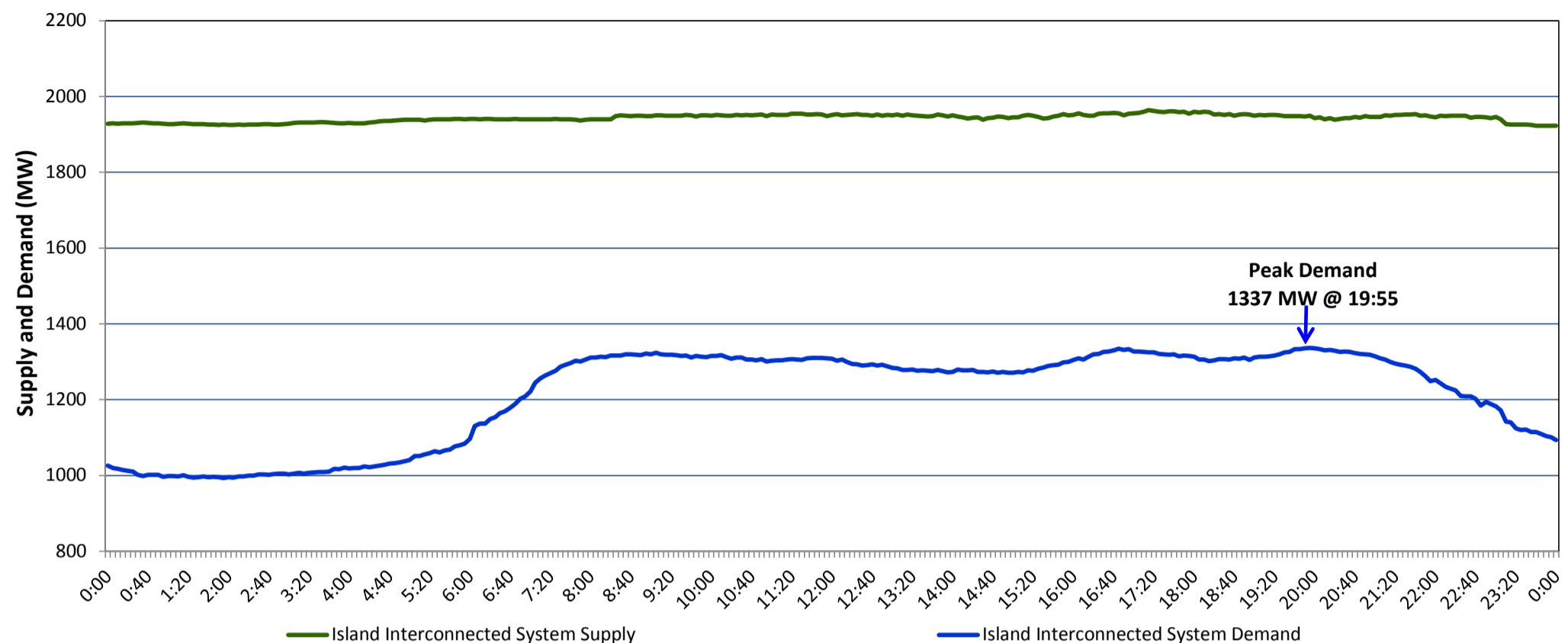


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, March 31, 2017

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Thursday, March 30, 2017



#### Supply Notes For March 30, 2017

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- A As of 1458 hours, March 23, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).  
 B As of 0826 hours, March 28, 2017, Holyrood Unit 1 available at 133 MW (170 MW).  
 C As of 0826 hours, March 28, 2017, Holyrood Unit 2 available at 133 MW (170 MW).  
 D As of 0826 hours, March 28, 2017, Holyrood Unit 3 available at 136 MW (150 MW).  
 E **At 0824 hours, March 30, 2017, Paradise River Unit available (8 MW).**

### Section 2 Island Interconnected Supply and Demand

Fri, Mar 31, 2017	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>	1,910 MW	Friday, March 31, 2017	2	0	1,415	1,307
NLH Generation: <sup>4</sup>	1,580 MW	Saturday, April 01, 2017	-1	-2	1,335	1,324
NLH Power Purchases: <sup>6</sup>	120 MW	Sunday, April 02, 2017	-3	-2	1,285	1,274
Other Island Generation:	210 MW	Monday, April 03, 2017	-1	-1	1,390	1,379
Current St. John's Temperature:	1 °C	Tuesday, April 04, 2017	-2	-2	1,400	1,389
Current St. John's Windchill:	N/A °C	Wednesday, April 05, 2017	-4	-3	1,365	1,354
7-Day Island Peak Demand Forecast:	1,415 MW	Thursday, April 06, 2017	-3	-9	1,415	1,404

#### Supply Notes For March 31, 2017

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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 Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must 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, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
  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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
  7. Adjusted for CBP&P, Praxair and Vale interruptible load as well as the impact of voltage reduction, when applicable.

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

Thu, Mar 30, 2017	Actual Island Peak Demand <sup>8</sup>	19:55	1,337 MW
Fri, Mar 31, 2017	Forecast Island Peak Demand		1,415 MW

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