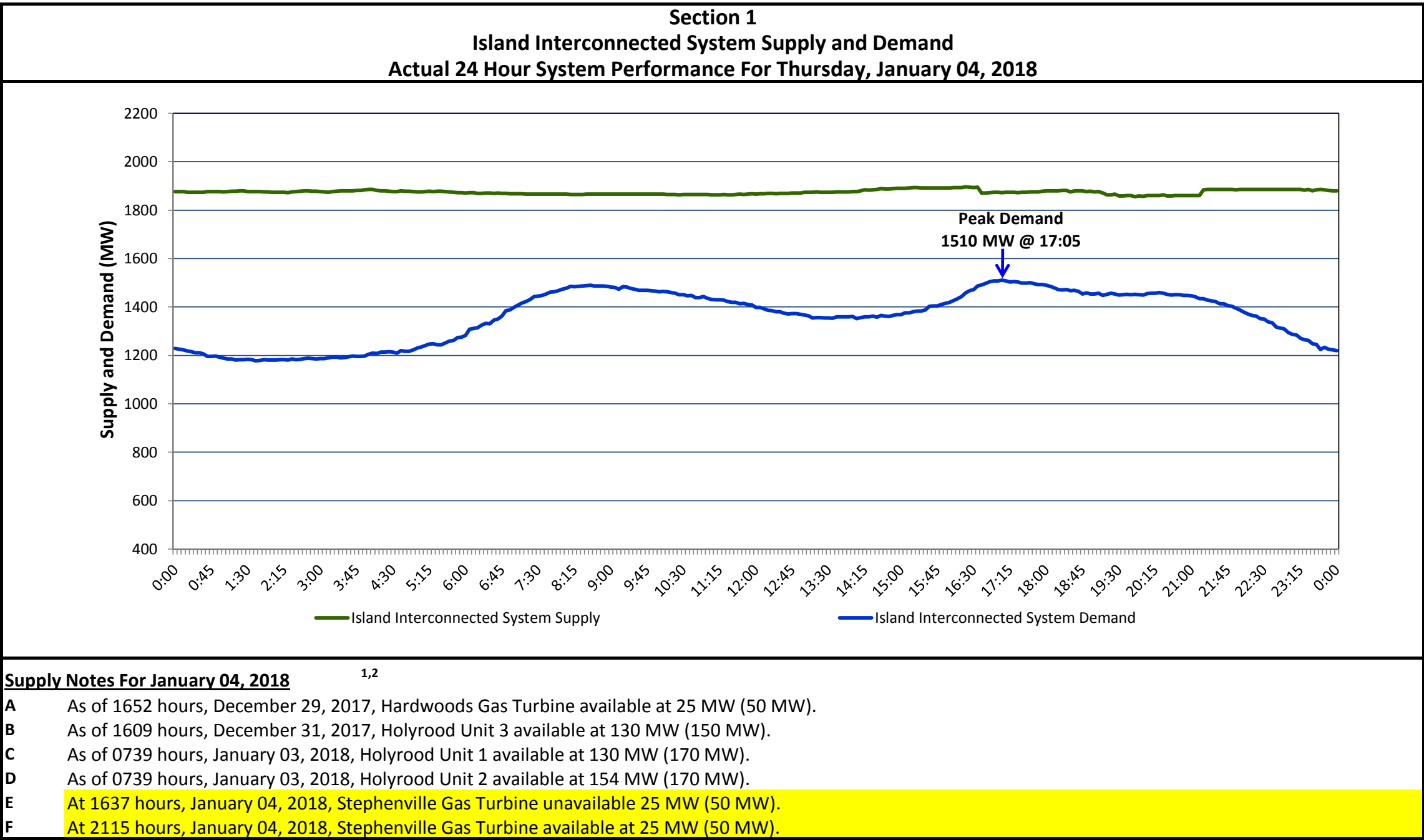


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Friday, January 05, 2018 (Revised - January 12, 2018)



Section 2 Island Interconnected Supply and Demand								
Fri, Jan 05, 2018	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>	1,880	MW		Friday, January 05, 2018	6	3	1,295	1,189
NLH Generation: <sup>4</sup>	1,570	MW		Saturday, January 06, 2018	0	-4	1,540	1,431
NLH Power Purchases: <sup>6</sup>	125	MW		Sunday, January 07, 2018	-6	-7	1,600	1,490
Other Island Generation:	185	MW		Monday, January 08, 2018	-7	-5	1,595	1,485
Current St. John's Temperature:	3	°C		Tuesday, January 09, 2018	-6	-1	1,525	1,416
Current St. John's Windchill:	N/A	°C		Wednesday, January 10, 2018	1	-3	1,515	1,406
7-Day Island Peak Demand Forecast:	1,600	MW		Thursday, January 11, 2018	-5	-3	1,530	1,421
Supply Notes For January 05, 2018 <sup>3</sup>								
G	At 0546 hours, January 05, 2018, Hawkes Bay Diesel Plant unavailable (5 MW).							
H	At 0558 hours, January 05, 2018, Hawkes Bay Diesel Plant available (5 MW).							
I	At 0710 hours, January 05, 2018, Hawkes Bay Diesel Plant unavailable (5 MW).							
J	At 0722 hours, January 05, 2018, Hawkes Bay Diesel Plant available (5 MW).							
Notes:	<div><div>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.</div><div>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.</div><div>3. As of 0800 Hours.</div><div>4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).</div><div>5. Gross output from all Island sources (including Note 4).</div><div>6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance and Maritime Link Import (when applicable).</div><div>7. Adjusted for CBP&amp;P and Vale and Praxair interruptible load, the impact of voltage reduction and Maritime Link Exports (when applicable).</div></div>							

Section 3			
Island Peak Demand Information			
Previous Day Actual Peak and Current Day Forecast Peak			
Thu, Jan 04, 2018	Actual Island Peak Demand <sup>8</sup>	17:05	1,510 MW
Fri, Jan 05, 2018	Forecast Island Peak Demand		1,295 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).			