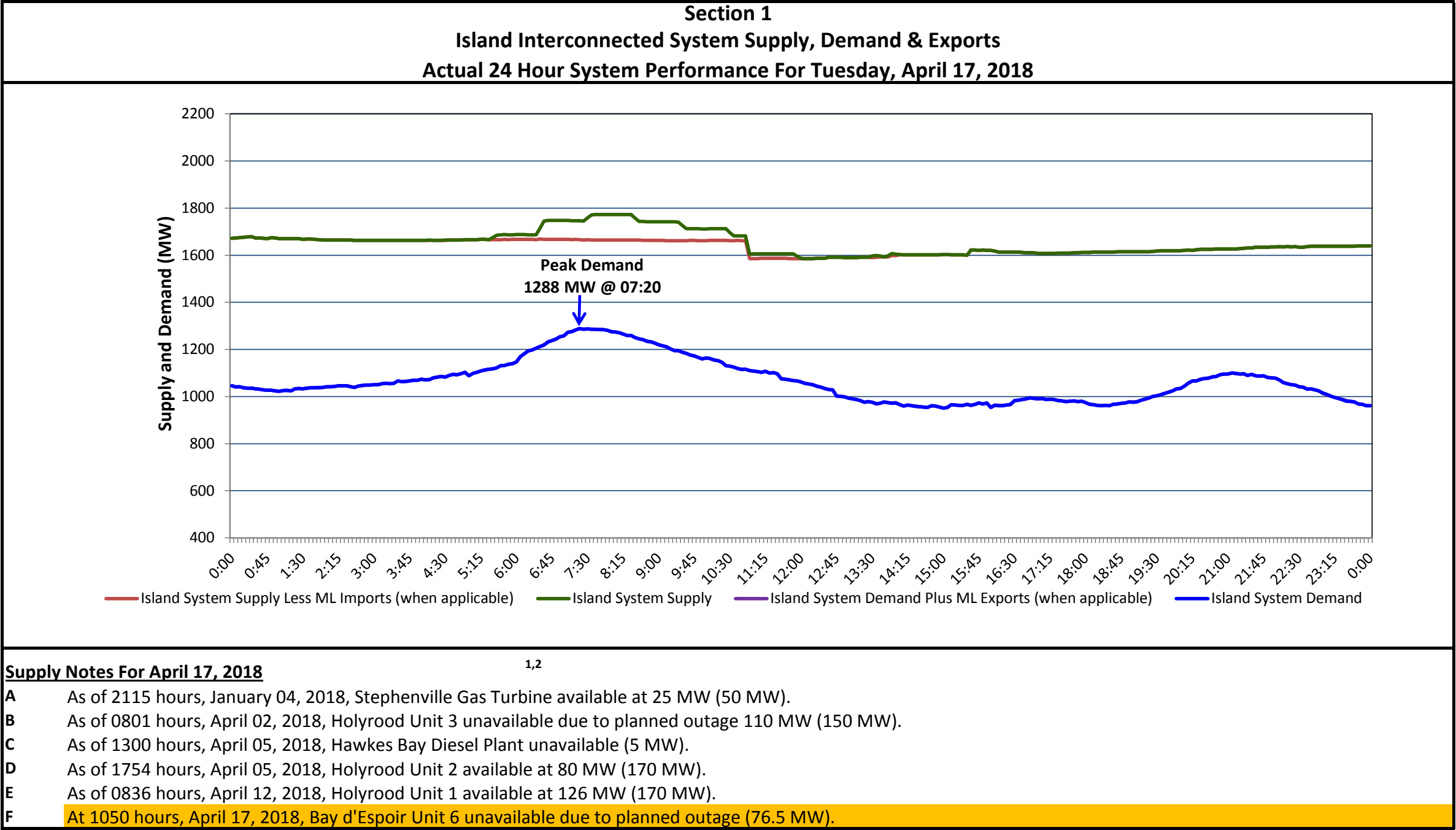


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, April 18, 2018



Section 2  
Island Interconnected Supply and Demand

Wed, Apr 18, 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>		1,805	MW	Wednesday, April 18, 2018		0	6	1,265	1,185
NLH Generation: <sup>4</sup>		1,300	MW	Thursday, April 19, 2018		3	3	1,200	1,120
NLH Power Purchases: <sup>6</sup>		210	MW	Friday, April 20, 2018		1	6	1,205	1,125
Maritime Link Imports:		85	MW	Saturday, April 21, 2018		2	2	1,145	1,065
Other Island Generation:		210	MW	Sunday, April 22, 2018		2	3	1,145	1,065
Current St. John's Temperature & Windchill:		-1 °C	-9 °C	Monday, April 23, 2018		2	4	1,130	1,050
7-Day Island Peak Demand Forecast:		1,265	MW	Tuesday, April 24, 2018		2	0	1,160	1,080

Supply Notes For April 18, 2018  
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 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, Wind Generation, Vale capacity assistance (when applicable).  
7. Adjusted for CBP&P and Maritime Link Exports.

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

Tue, Apr 17, 2018	Actual Island Peak Demand <sup>8</sup>	07:20	1,288 MW
Wed, Apr 18, 2018	Forecast Island Peak Demand		1,265 MW

Notes: 8. Island Demand / 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).