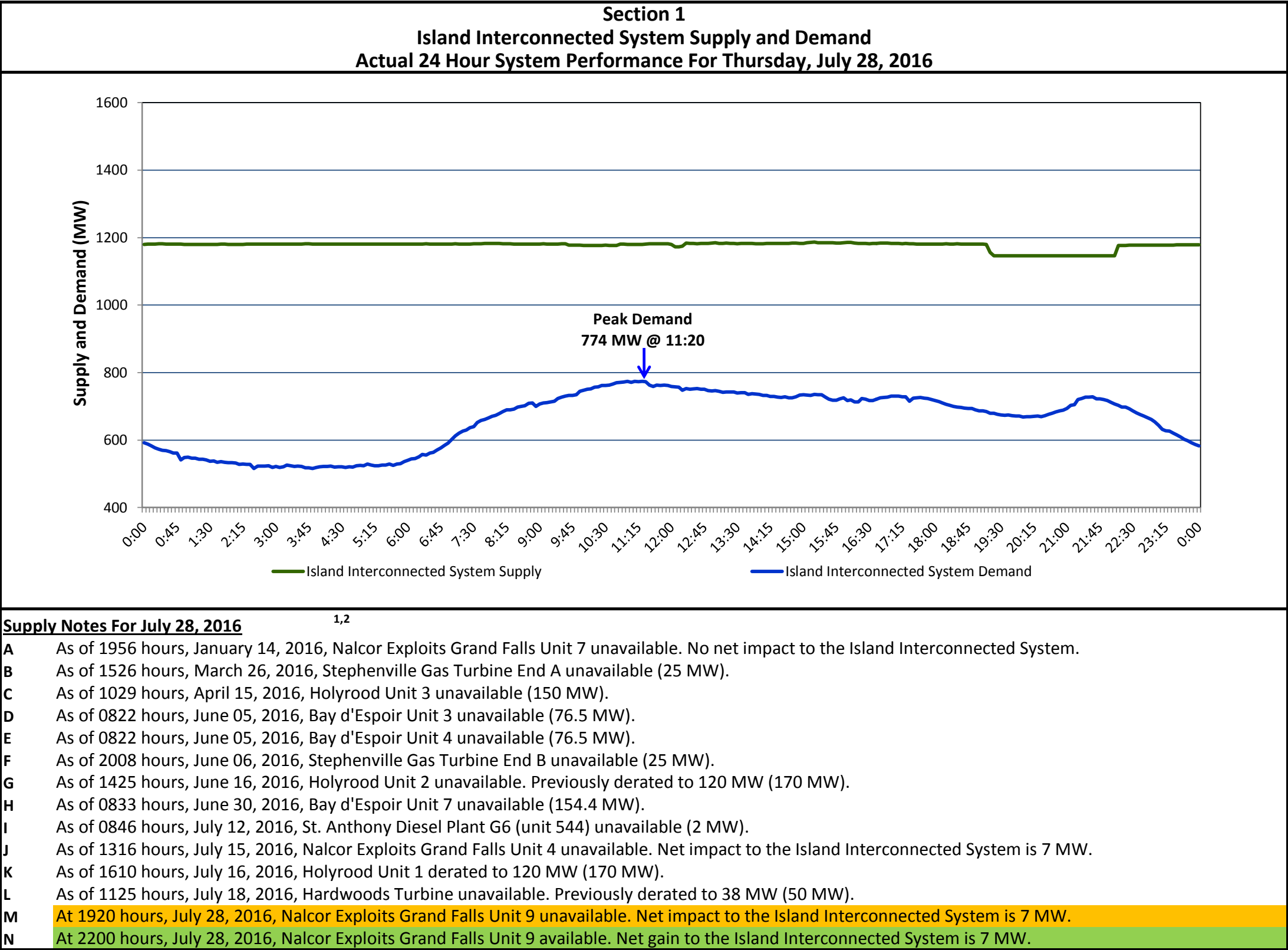


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Friday, July 29, 2016



Section 2						
Island Interconnected Supply and Demand						
Fri, Jul 29, 2016	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	Forecast
Available Island System Supply: ⁵	1,190	MW	Friday, July 29, 2016	20	21	765
NLH Generation: ⁴	915	MW	Saturday, July 30, 2016	20	19	740
NLH Power Purchases: ⁶	95	MW	Sunday, July 31, 2016	19	17	740
Other Island Generation:	180	MW	Monday, August 01, 2016	17	13	775
Current St. John's Temperature:	20	°C	Tuesday, August 02, 2016	13	12	770
Current St. John's Windchill:	N/A	°C	Wednesday, August 03, 2016	11	11	785
7-Day Island Peak Demand Forecast:	795	MW	Thursday, August 04, 2016	14	17	795
Supply Notes For July 29, 2016 ³						
O	At 0658 hours, July 29, 2016, St. Anthony Diesel Plant unavailable. Previously derated to 7.7 MW (9.7 MW).					
P	At 0727 hours, July 29, 2016, St. Anthony Diesel Plant available, derated to 7.7 MW (9.7 MW).					
Notes:	<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, Vale capacity assistance (when applicable), and Wind Generation.</div>					

Section 3			
Island Peak Demand Information			
Previous Day Actual Peak and Current Day Forecast Peak			
Thu, Jul 28, 2016	Actual Island Peak Demand ⁸	11:20	774 MW
Fri, Jul 29, 2016	Forecast Island Peak Demand		765 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).			