

1 Q. How many times in the period 2004 to 2013 has Hydro been unable to supply the  
 2 load of the Island Interconnected system due to the unavailability of generation  
 3 capacity, transmission capacity and terminal station capacity? List each time and  
 4 identify whether the cause was due to generation or transmission or terminal  
 5 station capacity problems, weather conditions, planned maintenance, equipment  
 6 failure or other conditions.

7  
 8  
 9 A. The following table indicates the instances in the period from 2004 to 2013 when  
 10 Hydro was unable to supply the load of the Island Interconnected System due to  
 11 unavailability of generation, transmission, and terminal station capacity. From a  
 12 broad system impact, the two extraordinary events that required conservation or  
 13 curtailment of customers are reflected below.

14

Date/Time	Cause	Notes
January 23, 2006 from 1125 to 1230 hours	Unavailability of Generation Capacity/Weather Conditions and Equipment Issues	The Upper Salmon plant experienced frazil ice, Holyrood Unit 2 was not available due to boiler tube failure, the Hardwoods and Stephenville Gas Turbines were de-rated due to issues with fuel nozzles, and the Holyrood Gas Turbine was unavailable.
January 11, 2013 from 0642 hours to 2359 hours	Unavailability of Generation and Transmission Capacity/ Weather Conditions and Equipment Issues	Trips of all three units at Holyrood (with Unit 1 experiencing an extended outage), trip and lockout of the Holyrood terminal station, transmission line TL201 line trip, and significant loss of generation and transmission in the central and western areas. Weather affected the restoration.