

1 Q. Please provide details on how the Island Interconnected System customers would  
2 be impacted by generation and transmission N-1 events, and describe each step  
3 that Hydro would take to reduce impact to the customers.

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6 A. Hydro's Island Interconnected system is planned and operated so that N-1  
7 transmission or generation events will not impact customers on a sustained basis.  
8 The loss of a single system element may lead to controlled under frequency load  
9 shedding for a short time period so that system stability is maintained.

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11 Hydro manages its online reserve generation to reduce the impact of unforeseen  
12 system events on its customers. Hydro ensures that adequate reserve generation is  
13 kept online to ensure there is no impact to customers in situations with the loss of  
14 an element. Further, in operational situations which require under frequency load  
15 shedding, having adequate reserve generation online assists with restoration times  
16 for interrupted customers.