

1 **Q: Reference: *Review of Newfoundland and Labrador Hydro Power Supply***  
2 ***Adequacy and Reliability Prior to and Post Muskrat Falls Final Report, August***  
3 ***19, 2016, Page 77, Conclusion IV-17, Points 2 and 3***  
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5 **For each cause listed in Conclusion IV-17, Points 2 and 3, please confirm that**  
6 **each impact will meet the Cigre definition of a bipole outage.**  
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8 A. As explained in the reply to NLH-PUB-003:  
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- 10 • Point 2, items a), b), c) and d) would not be included in the biannual reporting  
11 of the reliability of HVdc schemes, as they are not due to the HVdc  
12 equipment.
- 13 • Point 2, items e) and f) would be considered a bipolar outage, if both poles  
14 are tripped within a short period of time.
- 15 • Point 3, any fault associated with the HVdc switching station or with the  
16 electrode line would be considered a bipolar outage, if they resulted in the  
17 tripping of both poles within a short period of time.  
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