

1     Q.     For Appendix B please provide details of the model used to represent the HVDC  
2           links in the stability study. In the response state whether a PSSE model or a PSCAD  
3           model was used and explain how the model was benchmarked to show that it  
4           provides a reasonable representation of the response that would be expected of a  
5           real HVDC system.

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8     A.     The stability study was performed using Version 32 of PSS®E software from Siemens  
9           PTI. The Labrador Island Link was represented using PSS®E library model CDC4T.  
10          Model parameters were developed and system benchmarking was performed by  
11          SNC-Lavalin as part of the Stability Studies performed for the Lower Churchill  
12          Project. The complete set of parameters used for the HVdc system is provided on  
13          Page B-12 of Appendix C.