

1 Q. What value and types of renewable generation (MW), proposed for the Avalon  
2 Peninsula, have been considered in the steady and stability studies?

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5 A. The steady state and stability studies considered Newfoundland Power's existing  
6 hydro-electric generation located on the Avalon Peninsula, the Labrador – Island  
7 HVdc Link which delivers renewable hydro-electric generation from Muskrat Falls  
8 (824 MW) and the Fermeuse Wind Farm.

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10 For the purposes of this investigation, it is assumed that 50.0 MW of hydroelectric  
11 generation from Newfoundland Power is available on the Avalon Peninsula. To  
12 ensure acceptable wind farm performance during transient events, it is assumed  
13 that units at Fermeuse are online for an output of 11.0 MW.