

1 Q. Reference PUB-NLH-278: Please state what black start facilities will be available in  
2 the IIS.

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5 A. All generating facilities in the IIS as well as the Maritime Link have black start  
6 facilities. Operating procedures will be defined to specify how these facilities will be  
7 used for the optimal restoration of transmission system components in the event of  
8 a major outage.

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10 There is no black start capability at Soldiers Pond facilities. This is due to the fact  
11 that the Labrador Island Link employs Line Commutated Converter (LCC) HVdc  
12 technology. LCC HVdc converters cannot be operated if the high voltage ac  
13 transmission system is not in service. This is in contrast to the Voltage Source  
14 Converter (VSC) HVdc technology used for the Maritime Island Link. VSC systems  
15 employ specialized power electronics and switching methodologies that may be  
16 used to black start a transmission system.