

1 Q. **Reference: Reliability and Resource Adequacy Study, Volume III, Section 6.2**  
2 What energy support to the IIS does Hydro assume could be delivered via the Maritime Link  
3 during peak load times on the IIS? Would there be any constraints on this energy supply? If  
4 so, please explain.

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7 A. Newfoundland and Labrador Hydro's ("Hydro") Reliability and Resource Adequacy Study  
8 was conducted in accordance with the North American Electric Reliability Corporation's  
9 ("NERC") "Probabilistic Assessment Technical Guideline."<sup>1</sup> Under that guideline, import and  
10 export transactions are categorized as either firm or non-firm. To be counted as a supply of  
11 firm capacity the import transaction would have to be classified as firm, with associated  
12 contracts to ensure the capacity is not otherwise committed to another jurisdiction. As  
13 Hydro does not currently have contractual arrangements for such supply, Hydro did not  
14 include purchases of capacity from external markets in its Reliability Model. Therefore,  
15 Hydro does not currently assume any energy support to the Island Interconnected System  
16 as delivered via the Maritime Link during peak load times.

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18 Constraints on the energy supply would include the availability of energy in Nova Scotia,  
19 the capacity of the Maritime Link, and transmission constraints for both the Newfoundland  
20 and Labrador and Nova Scotia systems under some contingency situations.

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<sup>1</sup> NERC (August 2016).