

1 Q. **Reference: Response to PUB-NLH-108(b)**

2 Reconcile Hydro's use of an Effective Load Carrying Capability measure to classify wind with its
3 position at PUB-NLH-108(b) that an Effective Load Carrying Capability based measure is outside
4 the scope of a capacity credit calculation for Newfoundland Power hydraulic generation.

5
6
7 A. An Effective Load Carrying Capability ("ELCC") based measure is outside the scope of a capacity
8 credit calculation for of Newfoundland Power Inc.'s ("Newfoundland Power") hydraulic
9 generation because in order to analyze the ELCC of Newfoundland Power's hydraulic generation,
10 it would be necessary to determine how much capacity is available in each hour of the year
11 through hourly reporting of availability. Newfoundland and Labrador Hydro considers actual
12 historical generation during peak-demand events to be a more reliable measure than reported
13 availability.

14 As a result, calculating a straight-forward multi-year average of historical generation during peak
15 demand periods provides a reasonable estimate of expected capability while maintaining
16 methodological transparency and reproducibility.