

1 Q. Further to response to Request for Information NP-NLH-136:
2 Please explain why it is appropriate that wind purchases be classified in the cost of
3 service study based upon system load factor.

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6 A. Wind purchases were classified in the Cost of Service Study along with hydraulic
7 resources rather than classified based on its specific performance characteristics.
8 Hydro's wind purchases since 2009 have had a capacity factor in excess of 40%.
9 Hydro uses a 40% capacity factor for wind in its planning. From the time that Hydro
10 has been purchasing wind generation, this resource has been providing energy at
11 the time of each of Hydro's evening system peaks, except for occasional instances
12 in which the turbines shut down due to excessive winds. Temperature and wind
13 speed are two principal drivers for Hydro's peak hour demand. Consideration of
14 any changes to the current classification methodology should be in light of overall
15 performance and wind conditions at the time of Hydro's system peak.