

1 Q. Why did Hydro use Expected Unserved Energy instead of Hydro's previously
2 standard measures (LOLH and % reserves available) in this report?
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5 A. Hydro uses a Strategist model of the Island Interconnected System (IIS) to complete
6 its Loss of Load Hours (LOLH) analysis. Strategist is a computer software system,
7 developed by Ventyx, Inc. (now part of ABB Enterprise Software) which supports
8 electric utility decision analysis and corporate strategic planning.

9 In the current IIS, the delivery of hydroelectric capacity from the central and
10 western portions of the island to the Avalon Peninsula is constrained due to
11 transmission line limitations. This constraint could result in additional unserved
12 energy that is not quantified in the IIS Strategist model. As such, an interim
13 parameter was required to accurately model the combined generation and
14 transmission capability of the IIS.