

1 Q. Re: Upgrade Power Transformers – Various Sites, Tab 20:

2 What are the differences between the vendor's recommendations for condition
3 assessment techniques and Hydro's proposed plan?

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6 A. Hydro's condition assessment technique is aligned with and builds on typical

7 vendors' condition assessment techniques. Similar to vendors, Hydro assesses

8 condition using specific condition parameters, produces a condition score using a

9 formula that is a weighted average of the values of the condition parameters, and

10 ranks the assets based on their condition score. Hydro also considers the

11 environment in which an asset is expected to operate and the way an asset is

12 expected to operate (e.g. an insulator exposed to salt contamination versus one

13 that is not, and a breaker not normally operated versus one that experiences

14 frequent operation). This coupled with the condition score and past operating

15 experience is used to determine action to be taken.