

1 Q. Reference: Purchase Spare Transformer Paradise River, Volume II, Tab 12,  
2 Page 7 and Appendix A  
3 *"A new transformer would have a DP (degree of polymerization) value of around*  
4 *1000 and would reach its end of life at around a DP of 200."*

5 What is the degree of polymerization criteria Hydro uses for the immediate  
6 replacement and removal of transformers from service?

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9 A. Hydro currently does not have a degree of polymerization (DP) criteria that its uses  
10 for immediate replacement and removal of transformers from service. Hydro's  
11 experience is that the DP typically decreases gradually over time, which provides  
12 the indicator to allow for a planned replacement. However, in the event the rate of  
13 decrease is significant, Hydro would consider immediate replacement as the DP  
14 number approaches 200.