1	Q.	Re: 2013 Capital Projects 500,000 and Over: Explanations, page C-52 Upgrade
2		Power Transformers:
3		What are the condition assessment techniques referred to by Hydro?
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6	A.	The condition assessment techniques referred to by Hydro consist of:
7		 An Oil Quality Analysis to determine the priority for oil reclamation;
8		A Dissolved Gas Analysis to determine if a transformer has active gassing
9		which is an indicator of an internal fault;
10		 Performing Doble testing to determine the condition of the bushings, the
11		transformer insulation and protective devices;
12		 Performing visual inspection of the transformer and radiators to assess
13		condition of rust and oil leaks;
14		 Performing Furan analysis of the oil to determine a Degree of
15		Polymerization of the paper to help determine how close a unit is to the
16		end of life; and
17		An oil analysis of the Tap Changer compartments using a combination of
18		DGA and particle count to rank the condition of the on line tap changers.