

# Condition Assessment Reference - Power Producer, USA



Ten years ago, ABB began to develop a methodology for evaluating in the field, the status of single and also whole fleets of transformers, using non-invasive methods. The methodology integrates knowledge accumulated by ABB over the past hundred years and involves more than thirty different brands. This Methodology, ABB Mature Transformer Management Program (MTMP™), has a modular structure, allowing the level of investigation to be adapted to a customer's specific need and the respective budget. Evaluations can be carried out progressively, beginning with a condition assessment (step 1), then moving onto life assessment (step 2) and, finally, to a highly selective advanced evaluation or Risk Assessment (step 3).

#### Customer needs

- Increase reliability
- Plan investments for the next 10 years

#### ABB response

- Condition Assessment survey
- Maintenance action plan

#### Customer benefits

- Identify “sick” units
- Valuable information to define maintenance and replacement strategy for the next 10 years
- Prioritize maintenance budget and act on the correct units

For more information please contact:

**ABB Ltd.**

Transformer Service  
Affolternstrasse 44  
P.O. Box 8131  
8050 Zurich, Switzerland

**[www.abb.com/transformers](http://www.abb.com/transformers)**

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