

# **Life Time Assessment of Old Transformer**

## **Result of IERE-TIS-Asia-NTC-1**

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### **Abstract**

This Presentation, Life time assessment of old transformer is based on the result of IERE TIS (Technological Issues & Solution) –Asia NTC (Network Technical Committee)-1-”Life Life time assessment of old substation facilities” which was lead by Kansai Electric Power Co. It includes introduction of Life time assessment of Kansai Electric Power Co. and the summary of Questionnaire among IERE members in Asia like Japan, Korea, Taiwan, Thailand, Indonesia, India, Iran and the other continent like Mexico and South Africa.

“Common recognitions” and “Recognitions with difference by countries” are recognized. After the discussion, the result was summarized as followings.

- It is difficult and inadequate to assess transformer life by only diagnosis result and by only age of the transformer.
- “Life assessment” has not only technological side, but also management side.
- Then, the method of life assessment for transformer is not only one. We need to understand difference of situation among members.
- With these issues in mind, we need to derive a more effective method for “comprehensive decision making” for necessity of transformer replacement according to each situation.

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