EPRI | ELECTRIC POWER RESEARCH INSTITUTE

PTLOAD: Development of algorithms to include new research data on loss of life

Deliverable Type: Technical Update
Product ID#: 1015935
Intended End Users: Substations

Delivery Date: 12/31/2008

Description/Impact:
Enhancement of existing transformer thermal model to include moisture and oxygen, and incorporated into a new release of the PTLOAD software.

Implementation Resources Required

Resources and Other Costs:	
Staff Time (hours)	New user:160h Existing user: 80h to run regularly
Consultant	$0
Hardware	$10-$40K depending on the number of additional sensors that need to be installed
Software	$0
Licensing Fee	$0
Training	$0
Maintenance and Support	$10k/year user group
Travel	$0

Delivered Through: Electronic Access
Service Provider: Bhavin Desai, EPRI. 704-595-2251. bdesai@epri.com

Application Instructions:
Members that are already using PTLOAD need only install the update. New users will install the application and link to the program the necessary data feeds of transformer temperatures, loading, and moisture.

Members wishing to have training on this technology may contact the EPRI project manager for assistance. Also, EPRI encourages members to join the PTLoad User's Group (which has an annual fee) as a means to engage with other utilities using this technology. Please call the EPRI project manager for information about this user's group.

Contacts:
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