Special Issue

Experimental and Numerical Analysis of Thermal Ageing in Power Transformers

Message from the Guest Editor

Due to continuous exposure to thermal, mechanical and electrical stresses, the oil-paper insulation system deteriorates causing the reduction of the overall useful life of transformers. Although many techniques have been developed for the measurement of insulation degradation, continued analysis of transformer insulation is required, using existing and new methods to provide useful tools that support decision-making in power systems. Moreover, the introduction of new liquids as natural and synthetic esters demands the study of the feasibility of the proposed methods until now for mineral oil. This Special Issue will deal with different techniques for the assessment of insulation degradation in power transformers.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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