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IEEE Guide for Determination of Maximum Winding-Temperature Rise in Liquid-~~Filled~~ Immersed Transformers

Amendment 1

IEEE Power and Energy Society

Sponsored by the
Transformers Committee

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IEEE Std 1538a™-2015
(Amendment to
IEEE Std 1538™-2000)

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Approved 3 September 2015

IEEE-SA Standards Board

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Abstract: The clause that addresses direct measurement with fiber-optic detectors is expanded and an annex detailing examples of installation techniques for fiber-optic probes is added in this amendment.

Keywords: distribution transformer, hottest-spot temperature, IEEE 1538a™, power transformers, temperature-rise test, thermal model

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At the time this IEEE guide was completed, the Hottest-Spot Temperature Rise Determination for Liquid-Immersed Transformers Working Group had the following membership:

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