

Monday, October 15, 2018 11:00 AM

WG PC 57.162 Guide for the Interpretation of Moisture Related Parameters in Dry, Gas Insulated and Liquid Immersed Transformers and Reactors. (Moisture in insulation systems)

Attendance	Members	<u>40 out of 88</u>
	Guests	106
	Guests Requesting Membership	<u>3</u>

Meeting Minutes

The chairman skipped introductions in order to save time and a quorum was not established.

Due to lack of a quorum we could not do any official business at this meeting. The chair informed the group that the officers will review the attendance at recent meetings so that members who have not attended the last three meetings will be changed to guest status in order to reach quorum.

The chairman then asked for any patents that prohibits work in progress. No one had any to bring up.

The chairman briefing described the agenda.

The meeting started with the review of the purpose and scope of the WG.

The chairman proposed a change to the scope of the project.

Old Scope: "This reference document applies to dry, gas insulated and liquid immersed transformers and reactors and addresses:.....

New Scope: " This reference document applies to liquid immersed transformers and reactors and addresses:

This would eliminate Task Force 2. This will require a change to the PAR, As there was not a quorum present at this meeting the chair stated that this will be done by email ballot.

The task force leaders then updated the WG on the progress of their respective task forces. The chairman asked for any information from the Task Force leaders so the Secretary can start to assemble the document.

Task Force 1 Terminology and Definitions

Task Force Leader - Jeff Golarz

Jeff Golarz has a list compiled from TF chairs that have sent terms to him.

Task Force 2 Measurement and evaluation of moisture-in-gas insulation parameters

Task Force Leaders- Tom Melle

This task force will be discontinued. The chair thanked Tom for his efforts.

Task Force 3 Measurement and evaluation of moisture-in-liquid insulation parameters

Task Force Leader- Ron Hernandez

Ron gave an update on task force activities. They plan to meet later on Monday. The plan is to have a draft complete before the next WG meeting. The chair mentioned that there will be a tutorial at the next ASTM meeting to include evaporative stripping technique to determine water in oil. This was already planned to be incorporated in the draft because it is covered by an IEC standard.

Task Force 4 – Measurement of moisture in solid insulation.

Task Force Leader – Ron Hernandez

The first draft of this chapter is complete.

Task Force 5 Evaluation of moisture in solid insulation using dielectric response methods

Task Force Leader - George Frimpong

The first draft of this chapter is complete.

Task Force 6 Inferring of moisture in solid insulation from measurements conducted in liquid or gaseous medium

Task Force Leader - Valery Davydov

The first draft of this chapter is complete.

Task Force 7 Evaluation of aging and end of life of solid insulation parameters

Task Force Leader- Bob Raser

Bob reported that he has formed a task force and that they plan to have a draft complete before the next WG meeting in Anaheim.

Task Force 8 Factory/workshop application of knowledge on moisture; establishing baselines

Task Force Leader - Poorvi Patel

The first draft of this chapter is complete.

Task Force 9 Field application of knowledge on moisture

Task Force Leader – Jim Thompson

*** Note: *This section lists the risks associated with moisture***

The task force still needs some work. The chair suggested that the impact of moisture on the dielectric strength of solid insulation should be included as well. There was some discussion about mitigation techniques. Bob Raser stated that he submitted some information on field drying of transformers to include in this chapter. The chair suggested that we need to be sure to coordinate with C57.93.

Task Force 10 Moisture Migration, Distribution and Moisture Equilibrium Charts

Leader – Tom Prevost

The chair of TF 10 asked for volunteers to join this task force. Several individuals volunteered to help on this Task Force. The plan is to have a draft complete before the next meeting.

Meeting adjourned at 12:05 PM