

Distribution Transformer Subcommittee Task force / Working Group Report

Document #: TF Distribution Transformer Monitoring

Document Title: **Guide for Monitoring Distribution Transformers**

Chair: Gary Hoffman Vice-Chair: _____

Secretary: Mike Thibault

Current Draft Being Worked On: _____ Dated: _____

Meeting Date: 03/27/2018 Time: 4:45 – 6:00pm

Attendance:	Members	--
	Guests	--
	Total*	61

* For details of attendance, please refer to AM system of the Transformers Committee

Meeting Minutes / Significant Issues / Comments:

Steve Shull called the meeting to order. Steve explained this was the first meeting of this Pre-PAR study group on Distribution Transformer Monitoring. Steve stated that he had assigned Gary Hoffman as the Working Group Chair. Mike Thibault was appointed by Gary to be Secretary. Gary asked that the group introduce themselves. Steve Shull and Mike Thibault started the circulation of the rosters. Gary explained to the group since this was the first meeting everyone had the opportunity to become members. If a person so chooses, please note this on the roster as it is circulated. Gary explained that this group is enabled to operate in its present state for six months. During this time we need to determine what type of document that we would like for this to be. Gary explained that documents labeled as “standards” include items that direct the design of the performance and sometimes interchangeability details of products they address. “Recommended practice” documents provide directions to the user in the form of should statements to address the way the product or test should be administered. Guides provide an overall direction and typically use the word “may”. Gary also explained that it was critical that we obtain a PAR because without this we can not do any work because as a group will not indemnified. So based on this discussion, Gary proposed a title to the group. After a discussion, the following was proposed developed.

Title for Document – “Guide for Monitoring Distribution Transformers”

A motion was made by Raka Levi and seconded by James Dorsten to accept this as our document title. Of the group 50 were in favor, 9 opposed and 1 abstained. The motion passed. Gary explained that the next step would be to determine the Scope of the Guide. There was a lot of discussion as to if there should be Online and Offline Monitoring. It was generally agreed that these should be discussed as the document was developed as long as these items remained in the scope that we craft. After some discussion the group agreed to the following scope wording.

This guide covers identification of the key measureable parameters that can be monitored for obtaining an indication of the condition of liquid-immersed distribution transformers.

There was some concern that this would not include submergible transformers which are distribution transformers. A motion was made to send this title and scope to the STNP subcommittee to seek their co-sponsorship. This motion was made by Steve Shull to accept the scope as presented and to seek the co-sponsorship of the STNP subcommittee. It was seconded by Said Hachichi. The motion passed with 32 “for”, 10 “against”, and no abstentions. Mike Thibault volunteered to do this in the STNP subcommittee meeting.¹

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Gary said that the next item was to determine if a Purpose of the document should be crafted. He explained that this was not really necessary and the majority of the documents do not include them. Again some discussion but in the end the group decided not to formulate this item. Steve Shull made a motion not to develop a purpose for this document. It was seconded by James Dorsten. The motion passed unanimously. Gary will submit a PAR request for this TF. Jim Graham will survey the AdCom of the Transformer Committee to determine their direction. Once this is completed and approval is gained, the PAR application will be submitted to NesCom. It was projected that this would be done by the July NesCom meeting date.

Submitted by: Mike Thibault
Date: 03/28/2019

¹ Mike Thibault completed this via a vote on 3/28/2018 at the Wednesday March 28th 2018 (11:00 to 12:15) SC Submersible Transf. & Network Protectors.