

PC57.19.04

Submitter Email: cahurley@aep.com
Type of Project: New IEEE Standard
PAR Request Date: 09-May-2011
PAR Approval Date: 16-Jun-2011
PAR Expiration Date: 31-Dec-2015
Status: PAR for a New IEEE Standard

1.1 Project Number: PC57.19.04
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus Enclosures

3.1 Working Group: Bushing - Standardization of GSU Bushings (PE/TR/Bushing-WGC57.19.04)

Contact Information for Working Group Chair

Name: Catherine Hurley
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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Transformers (PE/TR)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 06/2014

4.3 Projected Completion Date for Submittal to RevCom: 05/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 25

5.2 Scope: This standard covers the electrical, dimensional, and related special requirements for high current rating power transformer bushings within bus enclosures that have rated continuous current in excess of 5000 A. Bushings covered by this standard are intended for use as components of liquid-filled transformers, including but not limited to Generator Step-Up (GSU) Transformers.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This document will not include a purpose clause.

5.5 Need for the Project: The current standards do not include the high current bushings typical of GSU transformer low voltage (LV) bushings.

5.6 Stakeholders for the Standard: Bushing manufacturers, transformer manufacturers, utilities

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: Yes

If Yes please explain: C57.19.01 - Due to the high temperature requirements associated with bushings enclosed in bus, it is beneficial to have a new standard.

and answer the following

Sponsor Organization: Transformers Committee

Project/Standard Number: C57.19.01

Project/Standard Date: 30-Jan-2000

Project/Standard Title: IEEE Standard Performance
Characteristics and Dimensions for
Outdoor Apparatus Bushings

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):