

PC37.012a

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Type of Project: Amendment to IEEE Standard C37.012-2014

PAR Request Date: 09-Feb-2017

PAR Approval Date: 23-Mar-2017

PAR Expiration Date: 31-Dec-2021

Status: PAR for an Amendment to an existing IEEE Standard

Root Project: C37.012-2014

1.1 Project Number: PC37.012a

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for the Application of Capacitance Current Switching for AC High-Voltage Circuit Breakers Above 1000 V Amendment Changing the Capacitive Inrush/Outrush Limitations of Switchgear

3.1 Working Group: HVCB - IEEE Application Guide for Capacitance Current Switching for AC High-Voltage Circuit Breakers (PE/SWG/HVCB-WG_C37.012)

Contact Information for Working Group Chair

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None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Switchgear (PE/SWG)

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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: 07/2017

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 20

5.2.a. Scope of the complete standard: This document revises the application guide for capacitance current switching for high-voltage circuit breakers rated in accordance with IEEE Std C37.04(TM) 1 and listed in IEEE Std C37.06(TM). It supplements IEEE Std C37.010(TM). Circuit breakers rated and manufactured to meet other standards should be applied in accordance with application procedures adapted to their specific ratings.

5.2.b. Scope of the project: amend the incorrect di/dt limitations on switchgear to peak current.

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

5.4 Purpose: This guide is intended for general use in the application of circuit breakers for capacitance current switching. Familiarity with other US national standards applying to circuit breakers is assumed, and provisions of those standards are indicated in this guide only when necessary for clarity in describing application requirements.

5.5 Need for the Project: The present guide has an incorrect limitation for Capacitive inrush/outrush current based on di/dt which needs to be corrected to simply peak current.

5.6 Stakeholders for the Standard: Electric Power Industry manufacturers and users

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?: No

7.2 Joint Development

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

8.1 Additional Explanatory Notes: