

PC37.302

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Type of Project: New IEEE Standard

PAR Request Date: 26-Apr-2010

PAR Approval Date: 17-Jun-2010

PAR Expiration Date: 31-Dec-2014

Status: PAR for a New IEEE Standard

Project Record: No Project Record

1.1 Project Number: PC37.302

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for Fault Current Limiter (FCL) Testing

3.1 Working Group: AdsCom - FCL Testing (PE/SWG/Adscom - FCL testing)

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None

3.2 Sponsoring Society and Committee: IEEE Power & 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: 07/2012

4.3 Projected Completion Date for Submittal to RevCom: 07/2013

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

5.2 Scope: This guide describes the testing of fault current limiters (FCLs) operating on condition based impedance increase for AC systems 1000 V and above. This guide does not include constant impedance series reactors and single fuses.

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

5.4 Purpose: This guide provides guidelines for testing of fault current limiters (FCLs) operating on condition based impedance increase for AC systems 1000 V and above.

5.5 Need for the Project: The demands for increasing capacity in utility grids does result in a significant increase in short circuit capacity. Several fault current limiting technologies are under development which promise alternative solutions for limiting fault currents in AC systems above 1000 V. Presently, none of these technologies are covered by any standard or guide with respect to research and development testing, type testing, and routine testing.

5.6 Stakeholders for the Standard: Stakeholders for this standard are equipment manufacturers, users, consultants, testing facilities, regulatory agencies, and research facilities.

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 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

b. Joint Development

Is it the intent to develop this document jointly with another organization?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

8.1 Additional Explanatory Notes (Item Number and Explanation):