

PC37.246

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Type of Project: New IEEE Standard

PAR Request Date: 21-Feb-2013

PAR Approval Date: 10-May-2013

PAR Expiration Date: 31-Dec-2017

Status: PAR for a New IEEE Standard

1.1 Project Number: PC37.246

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for Protection Systems of Transmission to Generation Interconnections

3.1 Working Group: Guide for Protection Systems of Transmission to Generation Interconnections (PE/PSR/PSRC WG C18)

Contact Information for Working Group Chair

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None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Power System Relaying (PE/PSR)

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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: 03/2017

4.3 Projected Completion Date for Submittal to RevCom: 10/2017

5.1 Approximate number of people expected to be actively involved in the development of this project: 50

5.2 Scope: This Guide documents accepted protection practices for transmission to generation interconnections. It is intended to cover the protection system applications at the interconnections between transmission systems and generation facilities greater than 10 MVA. This Guide does not cover distributed energy resources.

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

5.4 Purpose: This Guide provides guidance to those who are responsible for the protection of electrical interconnections between transmission systems and generation facilities greater than 10 MVA. It is not intended to supplant specific transmission or generator owner practices, procedures, requirements, or any contractual agreement between the transmission and generation owners.

5.5 Need for the Project: Interconnection agreements between individual utilities and power producers, although independent and specific for different regions, have many commonalities, which can become a part of the industry-wide standard and drive the application consistency. Separate ownership of transmission and generation also drives the need for the industry-wide standard. Power producers and industry consultants will be educated based on the industry-recognized standard rather than on individual interconnection agreements of various utilities.

5.6 Stakeholders for the Standard: Power system industry professionals such as utility and consultant relay protection engineers, designers, and regulators.

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 (Item Number and Explanation):