

P62271-37-013

Submitter Email: bill.long@ieee.org

Type of Project: Modify Existing Approved PAR

PAR Request Date: 22-Mar-2012

PAR Approval Date: 08-Jun-2012

PAR Expiration Date: 31-Dec-2013

Status: Modification to a Previously Approved PAR for the Revision of a Standard

Root PAR: P62271-37-013 **Approved on:** 19-Mar-2009

Root Project: C37.013-1997

1.1 Project Number: P62271-37-013

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-current generator circuit-breakers

Changes in title: Standard for AC High-Voltage (~~rated above and 1000 V~~) Generator Circuit Breakers Part for 37-013: Use Alternating-current With generator Generators circuit-Rated breakers 10 MVA or More

3.1 Working Group: HVCB - IEEE Standard for AC High-Voltage (rated above 1000 V) Generator Circuit Breakers for Use with Generators Rated 10 MVA or More (PE/SWG/HVCB-WG_C37.013)

Contact Information for Working Group Chair

Name: R Long

Email Address: bill.long@ieee.org

Phone: 412-893-3791

Contact Information for Working Group Vice-Chair

None

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

Contact Information for Sponsor Chair

Name: Kenneth Edwards

Email Address: ksedwards@bpa.gov

Phone: 3604188204

Contact Information for Standards Representative

Name: Michael Wactor

Email Address: mwactor@ieee.org

Phone: 713-948-4918

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 02/2012

4.3 Projected Completion Date for Submittal to RevCom: 08/2013

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

5.2 Scope: This standard applies to ac high-voltage (rated above 1000 V) generator circuit breakers which are typically installed between the generator and the step-up transformer terminals. Requirements relative to ac high voltage generator circuit breakers intended for use with generators and transformers rated 10 MVA or more are covered specifically. Generator circuits rated less than 10 MVA and pumped storage installations are considered special applications, and their requirements may not be completely covered by this standard. This standard does not cover requirements for ac high voltage distribution circuit breakers.

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

5.4 Purpose: Capabilities required of ac high voltage circuit breakers intended to protect generator circuits, may be very different from the capabilities required for standard high voltage circuit breakers, intended for service protecting standard distribution circuits which are specified in other industry standards. [Here we refer to C37.04, C37.06, C37.09, and C37.010 as well as IEC 62271-100.]

The purpose of this document is to provide standard requirements, tests and application guidelines for ac high-voltage generator circuit breakers.

5.5 Need for the Project: update and combine the amendments into the base standard

5.6 Stakeholders for the Standard: test engineers, users, application consultants and manufacturers

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?: Yes

Organization: International Electrotechnical Commission (IEC)

Technical Committee Name: High-voltage switchgear and control gear

Technical Committee Number: 17

Contact Name: Anne Bosma

Phone:

Email: anne.bosma@se.abb.com

8.1 Additional Explanatory Notes (Item Number and Explanation): This modification to the PAR is required because the IEEE editor noticed that the IEC editors had changed the title of the draft for ballot according to their latest directive. Since this is to be a dual logo standard, there shall be only one title. Therefore, we must request the IEEE-SA to change the title of the project once again.

5.4:C37.04 - IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers

C37.06 - Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities for Voltages above 1000 Volts

C37.09 - IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.010 - IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

IEC 62271-100 - High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers