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06 December 2006

Michael Wactor  
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mwactor@powl.com

Re: PC37.16 - Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635V and below) and DC (3200V and below) Power Circuit Breakers

Dear Michael:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-16.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 06 March 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
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**PAR Request Date:** 15 October 2006**PAR Approval Date:** 06 December 2006**PAR Signature Page on File:** Yes**Type of PAR:** New IEEE Standard**Status:** PAR for a New IEEE Standard**Root Project:****1.1 Project No.:** **PC37.16****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635V and below) and DC (3200V and below) Power Circuit Breakers

**2.1 Amendment/Corrigenda Title**

<b>3.1 Working Group Name</b>	<a href="#">Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635V and below) and DC (3200V and below) Power Circuit Breakers</a>
<b>Working Group Chair</b>	<a href="#">Gunderson, Nancy</a> Phone: 803-783-7766 Email: n.gunderson@ieee.org
<b>Working Group Vice Chair</b>	
<b>3.2 Sponsor</b>	<a href="#">IEEE Power Engineering Society Switchgear (PE/SWG)</a>
<b>Sponsor Chair</b>	<a href="#">Burse, Ted</a> Phone: 713-948-4599 Email: tburse@powl.com
<b>Name of Standards Liaison Representative (if applicable)</b>	<a href="#">Wactor, Michael</a> Phone: 713-948-4918 Email: mwactor@powl.com
<b>3.3 Joint Sponsor</b>	

**4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** November 2008**4.3 Projected Completion Date for Submittal to RevCom:** November 2009**5.1 Approximate number of people expected to work on this project:** 15**5.2 Scope:** This standard provides the preferred ratings for low-voltage ac (635V and below) power circuit breakers, fused low-voltage ac (600V and below) power circuit breakers, general purpose dc (325V and below) power circuit breakers, and low-voltage dc (3200V and below) power circuit breakers.**5.3 Is the completion of this document contingent upon the completion of another document?** No

**5.4 Purpose:** This standard provides preferred ratings to establish a uniform basis of product design and testing for low voltage ac and dc power circuit breakers. The ratings in this standard are preferred but are not restrictive. Manufacturers may choose to offer, and users may elect to require, ratings which differ from those in this standard. This revision updates the preferred ratings to reflect changes in the state of the art. Ratings for some obsolete products have been eliminated and new ratings added. This revision is coordinated with the changes in companion standards C37.13, C37.14, C37.17, and C37.27.

**5.5 Need for the Project:** This revision reflects changes in the state of the art since the approval of C37.16-2000. Standards cited in the document require revision, and certain tables must be deleted to reflect the withdrawal of several standards related to obsolete products.

**5.6 Stakeholders for the Standard:** Manufacturers, testing facilities, certification agencies, and equipment users.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board?** Yes **Presented Date:** 2006-10-02

If no, please explain:

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

If yes, please explain:

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

If yes, please explain:

**7.1 Are there other standards or projects with a similar scope?** No

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization?** ? No

**Technical Committee Name and Number:**

**Contact person:**

**Contact person Phone Number:**

**Contact person Email Address:**

**7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety?** No

**7.4 Additional Explanatory Notes:**

General: C37.16-2000 was formerly the responsibility of ASC C37, with NEMA as the Secretariat. Responsibility for the document was transferred to IEEE in January, 2003. This is the first revision of the document since the transfer of responsibility. Item 5.3: The scope is largely unchanged in nature from that of C37.16-2000. The 2000 document listed product types by reference to their defining standards, whereas item 13 lists the same products by their generic type descriptions, relying on the "references" clause to provide the specific standard numbers and titles. Also, the general product known as "Power Circuit Protectors" has been deleted, as the defining standards (IEEE C37.29-1981 (Standard for Low-Voltage AC Power Circuit Protectors Used in Enclosures) and ANSI C37.52-1974 (American National Standard Test Procedures for Low-Voltage AC Power Circuit Protectors Used in Enclosures) have been withdrawn (both in 2006). Item 5.4: Standard cited in the existing purpose include: C37.13-200X (Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures) C37.14-2002 (Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures) C37.17-200X (Standard for Trip Systems for AC and General Purpose DC Low Voltage Power Circuit Breakers) C37.27-200X (Application Guide for Low-Voltage AC Nonintegrally Fused Power Circuit Breakers (Using Separately Mounted Current-Limiting Fuses)) Item 5.4: The purpose clause is not significantly different in intent from C37.16-2000, but the previous document did not have a "purpose" clause.

**8.1 Sponsor Information:**

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: