

EMC - Standard Coordinator Report June 20, 2007

I reviewed the status of PARs, Standards and Guides under EMC responsibility. The status of the PARs is summarized below. We have **22** active standards and guides (1 more than in the year before), **15** lapsed standards and guides (one less than in the year before) and **8** on-going PARs (same number as in the year before). The actions to be taken for keeping up-to-date the approval of the PARs and for keeping live the Standards and Guides are identified. A summary of the specific approvals received since the June 2006 meeting of the EMC in Montréal are identified as well.

Information concerning the Standards Association (SA), Board of Governors, Committees of SA, the Development of standards, Recommended Practices and Guides and related issues is available on the following web site.

<http://standards.ieee.org/>

Some of the other web sites for obtaining useful information are as follows.

Information on	Web site address
Update your information with SA	http://standards.ieee.org/resources/development/
myBallot Voter presentation	http://standards.ieee.org/db/balloting/myballotdemo.ppt
myBallot Chair presentation	http://standards.ieee.org/db/balloting/myballotchairdemo.ppt
PAR application, extension and other forms	http://www.standards.ieee.org/guides/par/

Submitting a PAR	https://standards.ieee.org/cgi-bin/NesCOM/myP_par?start
PAR Extension	http://standards.ieee.org/guides/par/extension.rtf
Style manual	http://www.standards.ieee.org/guides/style/2000Style.pdf
Template	http://www.standards.ieee.org/resources/spasystem/index.html
Up-load drafts for balloting	http://standards.ieee.org/eprocess/upload_balloting_file/
Request for invitation to ballot	http://standards.ieee.org/resources/development/ Follow: Balloting the Draft → Ballot Invitation → Requesting a Ballot Invitation
Join a balloting pool	
Submit request for initiating balloting	http://standards.ieee.org/resources/development/ Follow: Balloting the Draft → Sponsor Ballot → Requesting Initiation of a Ballot
Submit request for recirculation ballot	http://standards.ieee.org/resources/development/ Follow: Balloting the Draft → Sponsor Ballot → Requesting Initiation of a Ballot → Recirculation ballot
Status of standards etc	http://standards.ieee.org/db/status/index.shtml
NesCom activities	http://www.standards.ieee.org/board/nes/
RevCom activities	http://standards.ieee.org/board/rev/
SA Operations Manual	http://standards.ieee.org/sa/sa-om-toc.htm
SA Bylaws	http://standards.ieee.org/guides/bylaws/index.htm
SB Operations Manual	http://standards.ieee.org/guides/opman/index.html

SB Bylaws <http://standards.ieee.org/guides/bylaws/index.html>

Some important Information

The IEEE-SA Standards Board Bylaws and the IEEE-SA Standards Board Operations Manual. The text of the changes made to these documents in 2005 can be found at

<http://standards.ieee.org/board/pro/2005changes.pdf>

The IEEE Standards Association (IEEE-SA) Standards Board has launched a new online Project Authorization Request (PAR) Form. The upgraded online PAR Form (http://development.standards.ieee.org/cgi-bin/NesCOM/myP_par?start) leads you step-by-step through the PAR process.

Standards Coordination Effort

PARs applied for by all Committees of the Power Engineering Society (PES) are circulated among the Standards Coordinators of the PES Committees. Every PAR approved by the Standards Board is posted on the SA Web site at the following address.

<http://standards.ieee.org/board/nes/approved.html>

If you are interested in the development work planned in a PAR, contact the Chair of the Working Group that is developing the document and sign up for participating in the activity of that Working Group.

Standards Activities Since The June 2006 EMC Meeting

The status of the standards activities, which have taken place since the June, 2006, meeting of the EMC, are as follows.

➤ Standards Published

434-2006 Guide for Functional Evaluation of Insulation
Systems for Large High Voltage Machines

1415-2006 **Guide for Induction Machinery Maintenance Testing and Failure Analysis**

➤ **Standards reaffirmed**

11-2000 **Standard for Rotating Machinery for Rail and Road Vehicles**

1255-2000 **Guide for Evaluation of Torque Pulsations During Starting of Synchronous Motors**

➤ **Standards withdrawn**

None

➤ **Standards approved**

434-2006 **Guide for Functional Evaluation of Insulation Systems for Large High Voltage Machines**

1415-2006 **Guide for Induction Machinery Maintenance Testing and Failure Analysis**

➤ **Standards submitted for Balloting/ Recirculation**

1553-2003 **Standard for Voltage Endurance Testing of Form Wound Coils and Bars for Hydrogenerators**

➤ **Standards due for 5 year review**

95-2002 **Recommended practice for insulation testing of AC electric machinery (2300 V and above) with high direct voltage (submitted to Revcom, June 2007)**

282-1995 (R2002) **Standard Test Procedure for Polyphase Induction Motors having Liquid in the Magnetic Gap (submitted to Revcom, June 2007)**

1110-2002 **Guide for Synchronous Generator Modeling Practices and Applications in Power System Stability Analyses (submitted to Revcom, June 2007)**

1553-2002 **Standard for Voltage Endurance Testing of Form Wound Coils and Bars for Hydrogenerators**

The PARs approved since June, 2006, submitted, and the PARs for which extension has been applied are as follows. PARs, which will expire in 2007, are also listed. Applications for extending the live of these PARs must be submitted before the 16 October 2007 submittal deadline (for the December 2007 standards board meeting).

➤ **New PARs applied for**

- P1719** **Guide for Evaluating Stator Cores of AC Synchronous Electric Machines Rated 1 MVA and Higher**
- P1776** **Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-insulated Stator Coils for Machines Rated 15000 V and Below**
- P117** **Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery**

➤ **New PARs approved**

- P1719** **Guide for Evaluating Stator Cores of AC Synchronous Electric Machines Rated 1 MVA and Higher**
- P1776** **Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-insulated Stator Coils for Machines Rated 15000 V and Below**

➤ **PAR Extensions applied for**

None

➤ **PAR Extensions approved**

None

➤ **PARs Withdrawn**

None

➤ **PARs expiring at the end of 2007**

None

SUBMITTAL DEADLINES & STANDARDS BOARD MEETING SCHEDULE

PAR/Standard Submittal Deadline

April 27, 2007

August 17, 2007

October 15, 2007

Standards Board Meeting

June 7, 2007

September 27, 2007

December 5, 2007

For further information, see the attached spreadsheet

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