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31 March 2006

Karl N Mortensen
Great River Energy
17845 U.S. Highway 10
Elk River, MN 55330-0800
kmortensen@grenergy.com

Re: P1036 - Guide for Application of Shunt Power Capacitors

Dear Karl:

I am pleased to inform you that on 30 March 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/1036.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 j.haasz@ieee.org no later than 28 June 2006.

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 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
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CC: mack@ieee.org, abonner@cooperpower.com, mark_mcvey@dom.com, stds-pes-scc@ieee.org

PAR FORM

PAR Status: Revision PAR
PAR Approval Date: 30 March 2006
PAR Signature Page on File: Yes

1. Assigned Project Number: P1036

2. Sponsor Date of Request: 2006-01-16

3. Type of Document: Guide for

4. Title of Document:

Draft: Guide for Application of Shunt Power Capacitors

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The Project is a: Revision of Std 1036-1992

7. Working Group Information:

Name of Working Group: Working Group for the Application of Shunt Power Capacitors

Approximate Number of Expected Working Group Members:30

8. Contact information for Working Group Chair:

Name of Working Group Chair: J. Antone Bonner

Telephone: (414) 835-1520 **FAX:** (414) 835-1515

Email: abonner@cooperpower.com

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian: Mark McVey

Telephone: 804-257-4637 **FAX:** 804-257-4750

Email: mark_mcvey@dom.com

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: IEEE Power Engineering Society Transmission and Distribution

Name of Sponsoring Committee Chair: W. Mack Grady

Telephone: 512-471-5231 **FAX:** 512-471-5532

Email: mack@ieee.org

Name of Liaison Rep. (if different from the Sponsor Chair): Karl N Mortensen

Telephone: 763-241-2365 **FAX:** 763-241-6165

Email: kmortensen@grenergy.com

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: FAX:

Email:

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: FAX:

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: April 2006

12. Projected Completion Date for Submittal to RevCom: April 2007

Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

The scope of this document is as follows:

This guide applies to the use of 50 and 60 Hz shunt power capacitors rated 2400 Vac and above, and assemblies of capacitors. Included are guidelines for the application, protection, and ratings of equipment for the safe and reliable utilization of shunt power capacitors. The guide is general and intended to be basic and supplemental to specific recommendations of the manufacturer. The guide covers applications that range from simple unit utilization to complex bank situations.

Is the completion of this document contingent upon the completion of another document? No

14. Purpose of Proposed Project:

Guidelines for the application, protection, and ratings of equipment for the safe and reliable utilization of shunt power capacitors are provided.

This guide applies to the use of 50 and 60 Hz shunt power capacitors rated 2400 Vac and above, and assemblies of capacitors. Applications that range from simple unit utilization to complex bank situations are covered.

15. Reason for the Proposed Project:

Use of the existing standard has indicated some areas of the text where supplemental information would be valuable to the reader. Closer harmonization with other existing standards which cover similar topics and consideration of fuseless and internally fused capacitor technology is also needed. The stakeholders for the project are the manufacturers and end users of the capacitor banks.

16. Intellectual Property:

- a. **Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-12-31
- b. **Is the sponsor aware of copyright permissions needed for this project?** No
- c. **Is the sponsor aware of trademarks that apply to this project?** No
- d. **Is the sponsor aware of possible registration activity related to this project?** No

17. Are there other documents or projects with a similar scope? No**Similar Scope Project Information:****18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization?** Do not know at this time

If yes, the following questions must be answered:

Organization Name?

Technical

Committee

International

Contact

Information?

19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? Yes

If yes, please explain:

General guidelines for safety of personnel during inspection and maintenance activities will be briefly discussed.

20. Sponsor Information

- a. **Is the scope of this project within the approved/scope/definition of the Sponsor's Charter?** Yes

If no, please explain:

- b. **The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee?** Yes

21. Additional Explanatory Notes: (Item Number and Explanation)

The scope of this document has not changed.