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To swright@powereng.com

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bcc

Subject Approval of Project - P1727

01 October 2007

Shayne Wright
POWER Engineers, Inc.
15621 Blue Ash, Suite 110
Houston, TX 77090-5827
swright@powereng.com

Re: P1727 - Guideline For Working Procedures On Underground Transmission Circuits With Induced Voltage

Dear Shayne:

I am pleased to inform you that on 27 September 2007 the IEEE-SA Standards Board approved the above referenced project until 31 December 2011. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1727.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"

Rosters can be submitted in any format to the NesCom Administrator (nescom-admin@ieee.org). Please forward this list to the NesCom Administrator via e-mail at nescom-admin@ieee.org no later than 26 December 2007.

Or, for your convenience, you can manage your standards development roster in myProject. Instructions are as follows:

- Go to myProject - <https://development.standards.ieee.org/my-site>
- Login using your IEEE Web Account username and password.
- Once logged into myProject, go to "Manage Committees"
- Drill down to the project by clicking the (+) on the left to expand each level. The actual project will be highlighted in yellow
- Click "Manage Committees" for that project. A list of individuals enrolled in the Committee/Project will appear. On this screen you can assign whether a person is a Participant, a Non-Voting Member or a Voting Member of the project group. You may also view contact

information for that individual.

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 questions, please contact the NesCom Administrator via e-mail at nescom-admin@ieee.org or via telephone at +1 732 562 3806.

Sincerely,

NesCom Admin
Standards Activities
Email: nescom-admin@ieee.org

PAR Request Date: 17 July 2007**PAR Approval Date:** 27 September 2007**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.:** 1727**1.2 Type of Document:** Guide**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Guideline For Working Procedures On Underground Transmission Circuits With Induced Voltage

3.1 Working Group Name[C29](#)**Working Group Chair**[Kong, Albert](#)

Phone: 415-973-8988

Email: axk6@pge.com

Working Group Vice Chair**3.2 Sponsor**[IEEE Power Engineering Society Insulated Conductors \(PE/IC\)](#)**Sponsor Chair**[Fitzgerald, James](#)

Phone: 201-825-0300

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Name of Standards Liaison Representative (if applicable)[Wright, Shayne](#)

Phone: +1 281 248 4310

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3.3 Joint Sponsor**4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** May 2010**4.3 Projected Completion Date for Submittal to RevCom:** January 2011**5.1 Approximate number of people expected to work on this project:** 50**5.2 Scope:** This guideline establishes induced voltage working procedures for underground transmission circuits. A transmission circuit when deenergized will have an induced voltage when in a common duct bank with an energized circuit. The induced voltage may be a possible safety hazard. The induced voltage may be determined by modeling the circuits and by measurement. This guide addresses the working procedures to follow when performing work where induced voltage is present.**5.3 Is the completion of this document contingent upon the completion of another document?** No**5.4 Purpose:** The purpose of this guideline is to establish working procedures for deenergized underground transmission circuits where induced voltage is present. The guide will describe working procedures to use under this condition.**5.5 Need for the Project:** There are no industry work procedures in the U.S. for induced voltage conditions. This guideline will be of invaluable assistance to users such as utilities and contractors who may have to work on underground transmission circuits with induced voltage present.

5.6 Stakeholders for the Standard: The stakeholders are utilities, contractors and manufacturers.

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:** 2007-05-08

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? Yes

The entire purpose of the guide is to provide safe working procedures under induced voltage conditions.

7.4 Additional Explanatory Notes:

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: