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15 September 2006

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

Re: P1695 - Trial-Use Guide for Assessing Voltages at Publicly and Privately Accessible Locations

Dear Karl:

I am pleased to inform you that on 15 September 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/1695.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 no later than 14 December 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 +1 732 562 6003 or by email at s.hampton@ieee.org.

Sincerely,

Sherry Hampton
Administrator, Governance
Standards Activities
Phone +1 732 562 6003
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CC: mack@ieee.org, stds-pes-scc@ieee.org, chuck.denardo@we-energies.com

PAR Request Date: 13 March 2006**PAR Approval Date:** 15 September 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.:** **P1695****1.2 Type of Document:** Guide**1.3 Life Cycle:** Trial-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Trial-Use Guide for Assessing Voltages at Publicly and Privately Accessible Locations

2.1 Amendment/Corrigenda Title**3.1 Working Group Name**[Working Group on voltages at publicly and privately accessible locations](#)**Working Group Chair**[DeNardo, Chuck](#)

Phone: +1 414 221 3073

Email: chuck.denardo@we-energies.com

Working Group Vice Chair[Bouford, James D.](#)

Phone: 508-421-7648

Email: james.bouford@us.ngrid.com

3.2 Sponsor[IEEE Power Engineering Society Transmission and Distribution \(PE/T&D\)](#)**Sponsor Chair**[Grady, W. Mack](#)

Phone: 512-471-5231

Email: mack@ieee.org

Name of Standards Liaison Representative (if applicable)[Mortensen, Karl N](#)

Phone: 763-241-2365

Email: kmortensen@greenergy.com

3.3 Joint Sponsor**4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** April 2009**4.3 Projected Completion Date for Submittal to RevCom:** April 2010**5.1 Approximate number of people expected to work on this project:** 50**5.2 Scope:** This guide addresses the normal and abnormal voltages that exist at publicly and privately accessible locations as a result of the delivery and use of electrical energy (often referred to as stray voltage). It focuses primarily on the presence of power frequency related voltages, and discusses definitions, causes, impacts, testing techniques, mitigation strategies, and hazard levels.**5.3 Is the completion of this document contingent upon the completion of another document?** No

5.4 Purpose: There is presently no industry wide guide or standard that describes the variety of publicly and privately accessible voltages resulting from the delivery and use of electrical energy. This guide will help dispel misinformation surrounding this topic and enhance public safety.

5.5 Need for the Project: Publicly accessible voltages have been reported in the media over the past few years, including fatalities allegedly due to “stray voltage”. This phenomena is undefined and no guide or standard exists to address this area of concern.

5.6 Stakeholders for the Standard: The stakeholders for this project include electric utilities, utility customers, state utility regulators, dairy industry, pool and spa industry, equipment manufacturers and other standards entities such as the National Electric Code.

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:** 2006-06-19

If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? Yes

If yes, please explain: Work done by EPRI and NEETRAC may be included in the document.

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? ? Do not know at this time

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

Thresholds of body current for humans and animals will be discussed.

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: