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28 February 2007

Karl N Mortensen  
Great River Energy  
17845 U.S. Highway 10  
Elk River, MN 55330-0800  
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Re: P1410 - Guide for Improving the Lightning Performance of Electric Power Overhead Distribution Lines

Dear Karl:

I am pleased to inform you that on 27 February 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/1410.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 28 May 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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Standards Activities  
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<b>PAR Request Date:</b> 17 January 2007	
<b>PAR Approval Date:</b> 27 February 2007	
<b>PAR Signature Page on File:</b> Yes	
<b>Type of PAR:</b> Revision to IEEE Standard	
<b>Status:</b> Revision to an Existing IEEE Std 1410-2004	
<b>Root Project:</b>	
<b>1.1 Project No.:</b> 1410	
<b>1.2 Type of Document:</b> Guide	
<b>1.3 Life Cycle:</b> Full-Use	
<b>1.4 Is this document in ballot now?</b> No	
<b>2.1 Title</b> Guide for Improving the Lightning Performance of Electric Power Overhead Distribution Lines	
<b>3.1 Working Group Name</b>	<a href="#">Lightning Performance Working Group</a>
<b>Working Group Chair</b>	<a href="#">McDaniel, John S</a> Phone: 315.428.6097 Email: john.mcdaniel@us.ngrid.com
<b>Working Group Vice Chair</b>	<a href="#">Chisholm, William A</a> Phone: 416-207-6982 Email: W.A.Chisholm@ieee.org
<b>3.2 Sponsor</b>	<a href="#">IEEE Power Engineering Society Transmission and Distribution (PE/T&amp;D)</a>
<b>Sponsor Chair</b>	<a href="#">Grady, W. Mack</a> Phone: 512-471-5231 Email: mack@ieee.org
<b>Name of Standards Liaison Representative (if applicable)</b>	<a href="#">Mortensen, Karl N</a> Phone: 763-241-2365 Email: kmortensen@grenergy.com
<b>3.3 Joint Sponsor</b>	
<b>4.1 Type of Ballot:</b> Individual	
<b>4.2 Expected Date of Submission for Initial Sponsor Ballot:</b> July 2008	
<b>4.3 Projected Completion Date for Submittal to RevCom:</b> January 2009	
<b>5.1 Approximate number of people expected to work on this project:</b> 30	
<b>5.2 Scope:</b> This guide will identify factors that contribute to lightning-caused faults on overhead distribution lines and suggest improvements to existing and new constructions. This guide is limited to the protection of distribution-line insulation for system voltages 69 kV and below. Equipment protection considerations are covered in IEEE Std C62.22-1997.	<b>Old Scope:</b> This guide will identify factors that contribute to lightning-caused faults on overhead distribution lines and suggest improvements to existing and new constructions. This guide is limited to the protection of distribution-line insulation for system voltages 69 kV and below. Equipment protection considerations are covered in IEEE Std C62.22-1991.
<b>5.3 Is the completion of this document contingent upon the completion of another document?</b> No	

**5.4 Purpose:** The purpose of this guide is to present alternatives for reducing lightning-caused flashovers on overhead distribution lines.

**Old Purpose:** The purpose of this guide is to present alternatives for reducing lightning-caused flashovers on overhead distribution lines.

**5.5 Need for the Project:** 5-year revision of standard. Adding additional reference to bibliography and updated the Induced Voltage portions due to recent research in that area.

**5.6 Stakeholders for the Standard:** Electric Utilities with Distribution Systems. Consultants for Electric Utilities.

**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: 2007-01-08

If no, please explain:

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

If yes, please explain: Current Figure 2 is copyrighted by Vaisala. Vaisala provides a update to this figure along with copyright permission with each revision.

**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? No**

**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: