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06 December 2006

William R Goldbach  
3225 Poinsetta CT  
Chester, VA 23831 USA  
wgoldbach@ieee.org

Re: PC62.44 - Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)

Dear William:

I am pleased to report that on 06 December 2006 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2007.

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  
Administrator, Governance  
Standards Activities  
Phone +1 732 562 6003  
FAX +1 732 875 0695  
Email: s.hampton@ieee.org

CC: d.dorr@ieee.org, stds-pes-scc@ieee.org, ray.hill@neetrac.gatech.edu

# IEEE-SA Standards Board Extension Request

## Revised 14 September 2006

1. Date of Request: 2006-10-10
2. Assigned Project Number: PC62.44
3. Project Title: Draft Guide for Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices (Secondary Arresters) Used on Secondary Distribution Systems (between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)
  - a. Name of Working Group (WG): WG 3.6.9
  - b. Name of Working Group Chair: Raymond C. Hill
  - c. Name of Sponsoring Society and Committee: SPDC
  - d. Name of Sponsoring Committee Chair: Doug Dorr
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
  - a. Name: Raymond C. Hill
  - b. Telephone: 404-675-1881
  - c. FAX: 404-675-1885
  - d. EMAIL: ray.hill@neetrac.gatech.edu
5. The current PAR is valid through 2006-12-31 (enter the expiration date of the PAR). This PAR Extension is being requested for: One Year

**NOTE: The average extension request is for one or two years. NesCom will consider requests for extensions of three or four years on an exceptional basis. Such requests must be supported with sufficient detail on planned actions and activity dates to provide reasonable confidence that the project can be completed within the extended time.**

6. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted time frame. PC62.44 is finished and has been balloted. A Ballot Resolution Committee was formed to address the 215 comments received. The comments have been resolved and the final editing is almost completed. An extension is needed to cover time for a recirculation ballot and any final responses from the recirculation.

### 7. History

- a. What date was the PAR first approved? 1998-06-25
- b. What date did you begin writing the first draft? 1998-10-01
- c. How many people are actively working on the project? 20
- d. How many times a year does the working group meet:
  1. In person? 2
  2. Via teleconference? 0
- e. How many times a year is a draft circulated to the working group via electronic means? 2

## 8. Document Progress

- a. What percentage of the Draft is stable? 100%
- b. How many significant work revisions has the Draft been through? 11

## 9. Project Plan

**(Item #9a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #9b)**

- a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::

1<sup>st</sup> Ballot Close date (or scheduled close): 2005-06-22

1<sup>st</sup> Ballot Draft Number: 10

1<sup>st</sup> Ballot results (% affirmative, % negative, % abstain): 98%, 2%, 3.6%

2<sup>nd</sup> Ballot Close date (or scheduled close):

2<sup>nd</sup> Ballot Draft Number:

2<sup>nd</sup> Ballot results (% affirmative, % negative, % abstain):

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed? 2006-12-31

When do you expect to submit the proposed standard to RevCom? 2007-04-01

- b. For projects that have not yet begun Sponsor ballot, please answer the following:**

When will IEEE sponsor balloting begin?

When do you estimate that the final IEEE Sponsor ballot will be completed?

When do you expect to submit the proposed standard to RevCom?

## 10. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? No If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? No If yes, which organization?

## 11. Additional Extensions

a. Is this the first request for an extension? No (If yes, please do not go any further. You have completed the form.)

b. If not, when was the previous extension approved? 2004-12-08

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.

[Email This Letter](#)

08 June 2006

William R Goldbach  
Danaher Power Solutions  
5900 Eastport Blvd, Bldg V  
Richmond, VA 23231-4453  
wgoldbach@ieee.org

Re: PC62.44 - Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)

Dear William:

I am pleased to inform you that on 08 June 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2006. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C62-44.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 06 September 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](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
Phone +1 732 562 6003  
FAX +1 732 875 0695  
Email: [s.hampton@ieee.org](mailto:s.hampton@ieee.org)

CC: [d.dorr@ieee.org](mailto:d.dorr@ieee.org), [stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org), [ray.hill@neetrac.gatech.edu](mailto:ray.hill@neetrac.gatech.edu)

<b>PAR Request Date:</b> 09 May 2006	
<b>PAR Approval Date:</b> 08 June 2006	
<b>PAR Signature Page on File:</b> Yes	
<b>Type of Project:</b> Modification to Approved PAR	
<b>Status:</b> Modification to a Previously Approved PAR PC62.44, 1998-06-25	
<b>Root Project/PAR:</b> PC62.44, 1998-06-25	
<b>1.1 Project No.:</b> <b>PC62.44</b>	
<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> Yes	
<b>2.1 Title</b> Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)	<b>Old Title</b> Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Load Side of the Service Entrance Panel)
<b>2.1 Amendment/Corrigenda Title</b>	
<b>3.1 Working Group Name</b>	<a href="#">Performance Standard for Low-Voltage Surge-Protective Devices (Secondary Arresters) Working Group</a>
<b>Working Group Chair</b>	<a href="#">Hill Raymond C</a> Phone: 404-675-1881 Email: ray.hill@neetrac.gatech.edu
<b>Working Group Vice Chair</b>	
<b>3.2 Sponsor</b>	<a href="#">IEEE Power Engineering Society Surge Protective Devices/Low Voltage (PE/SPDLV)</a>
<b>Sponsor Chair</b>	<a href="#">Dorr Douglas S</a> Phone: 407-968-3010 Email: d.dorr@ieee.org
<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> 2006-09-00	
<b>4.3 Projected Completion Date for Submittal to RevCom:</b> 2006-12-00	
<b>5.1 Approximate number of people expected to work on this project:</b> 25	
<b>5.2 Scope:</b> This guide encompasses the application of surge protective devices (secondary arresters) from the secondary terminals of the distribution transformer to the line side of the service entrance panel. This guide will provide insight into using the standard for performance of low-voltage surge-protective devices on ac mains (1000V rms and less, frequency 48 and 62 Hz). Also, this guide will address coordination from the primary arrester to sensitive loads and grounding practices	<b>Old Scope:</b> This guide encompasses the application of surge protective devices (secondary arresters) from the secondary terminals of the distribution transformer to the load side of the distribution panel. This guide will provide insight into using the standard for performance of low-voltage surge-protective devices on ac mains (1000V rms and less, frequency 48 and 62 Hz). Also, this guide will address coordination from the primary arrester to sensitive loads and grounding practices.
<b>5.3 Is the completion of this document contingent upon the completion of another document?</b> No	

**5.4 Purpose:** To address all the pertinent requirements necessary to provide proper protection as well as providing guidance in the use of the IEEE Standard for Performance of Low-Voltage Surge-Protective Devices (Secondary Arresters) C62.34-1996.

**Old Purpose:** To address all the pertinent requirements necessary to provide proper protection as well as providing guidance in the use of the IEEE Standard for Performance of Low-Voltage Surge-Protective Devices (Secondary Arresters) C62.34-1996.

**5.5 Need for the Project:** Currently, there is no application guide for secondary arresters. This project will provide the necessary guidance for the fast moving technology which presently exists for secondary arresters.

**5.6 Stakeholders for the Standard:** The stakeholders for this document include the worldwide surge protection device community, such as test engineers, manufacturers, writers of other standards, consultants and specifiers.

**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:** 2006-05-01

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?** ? 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:**

The working group's desire to change the title and scope of the C62.44 guide evolved from an overlap of coverage between WG 3.6.6 and WG 3.6.9. The two working groups decided to officially make the line of demarcation between the two working groups at the service entrance panel. WG 3.6.6 will now cover surge protective devices (SPDs) installed on the "load side" of the service entrance panel and further downstream, while WG 3.6.9 will now cover SPDs on the "line side" of the service entrance panel and upstream to the transformer terminals (low voltage side). The performance standard, C62.34, which WG 3.6.9 is also working on, is already in agreement with this line of demarcation. This change in PAR/Title and Scope rectifies the situation and resolves several negative ballot comments received on C62.44.

**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: