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06 December 2006

Jeffrey G Gilbert  
PPL Electric Utilities Corp  
2 N 9th Street, GENN 4  
Allentown, PA 18101-1179  
jggilbert@pplweb.com

Re: PC37.230 - Guide for Protective Relay Applications to Distribution Lines

Dear Jeffrey:

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 2008.

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: [pbwinsto@southernco.com](mailto:pbwinsto@southernco.com), [stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org), [wwaudby@cmsenergy.com](mailto:wwaudby@cmsenergy.com)

# IEEE-SA Standards Board Extension Request

## Revised 23 June 2004

1. Date of Request: 26-Sep-06
2. Assigned Project Number: PC37.230
3. Project Title: Guide for Protective Relay Applications to Distribution Lines
  - a. Name of Working Group (WG): D5
  - b. Name of Working Group Chair: William P Waudby
  - c. Name of Sponsoring Society and Committee: Power System Relay Committee
  - d. Name of Sponsoring Committee Chair: Phillip Winston
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
  - a. Name: William P Waudby
  - b. Telephone: (517) 788-0372
  - c. FAX: (517) 788-0917
  - d. EMAIL: wwaudby@cmsenergy.com
5. 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 timeframe  
The working group is in the process of resolving the ballots from the first ballot. Since this is a new guide, there were considerable comments. It is anticipated that the document will be recirculated in the first part of 2007.
6. History
  - a. What date was the PAR first approved? 12-Sep-02
  - b. What date did you begin writing the first draft? 14-Jan-03
  - c. How many people are actively working on the project? 39
  - d. How many times a year does the working group meet:
    1. In person? 3
    2. Via teleconference? 0
  - e. How many times a year is a draft circulated to the working group via electronic means?  
On web page
7. Document Progress
  - a. What percentage of the Draft is stable? 90%
  - b. How many significant work revisions has the Draft been through? 4
8. Project Plan  
**(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)**

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

1<sup>st</sup> Ballot Close date (or scheduled close): 2006-03-30

1<sup>st</sup> Ballot Draft Number: 4

1<sup>st</sup> Ballot results (% affirmative, %negative, %abstain): 88, 9.3,2.7

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? 21-Oct-07

When do you expect to submit the proposed standard to RevCom? 7-Dec-07

**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?

9. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? Do Not Know 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? Choose One If yes, which organization?

10. Additional Extensions

a. Is this the first request for an extension? Yes (If yes, please do not go any further. You have completed the form.)

b. If not, when was the previous extension approved?

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](#)

17 June 2003

Mohindar Sachdev  
University of Saskatchewan  
243 Willoughby Cres.  
Saskatoon, SK, S7H 4W6  
CANADA  
[m.s.sachdev@ieee.org](mailto:m.s.sachdev@ieee.org)

Re: PC37.230 - Guide for Protective Relay Applications to Distribution Lines

Dear Mohindar:

I am pleased to inform you that on 12 June 2003 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/C37-230.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 5.1.2f 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](mailto:j.haasz@ieee.org) no later than 10 September 2003.

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](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Senior Administrator  
IEEE-SA Governance and Electronic Processes  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 208 460 5300  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

cc: [wpwaudby@cmsenergy.com](mailto:wpwaudby@cmsenergy.com), [rick.taylor@sgswitter.com](mailto:rick.taylor@sgswitter.com), [stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org)

# PAR FORM

**PAR Status:** Revision of New PAR  
**PAR Approval Date:** 2003-06-12  
**PAR Signature Page on File:** No  
**Review of Standards Development Process:** No

**1. Assigned Project Number:** C37.230

**2. Sponsor Date of Request:** 2003-05-07

**3. Type of Document:** Guide for

**4. Title of Document:**

**Draft:** Guide for Protective Relay Applications to Distribution Lines

**5. Life Cycle:** Full Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** Yes

**If Yes: Indicated PAR number/approval date:** C37.230 - 2002-09-12

**If Yes: Is this Project in Ballot now?** No

**6b. The Project is a:** New Standard

**7. Contact Information of Working Group:**

**Name of Working Group:** D5 Guide for Protective Relay Applications to Distribution Lines

**Name of Working Group Chair:** William P Waudby

**Telephone:** 517-788-0372 **FAX:** 517-788-1300

**Email:** wpwaudby@cmsenergy.com

**8. Contact Information of Official Reporter (If different than Working Group Chair)**

**Name of Official Reporter:** (if different than WG contact)

**Telephone:** **FAX:**

**Email:**

**9. Contact Information of Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Power Engineering Society Power System Relaying

**Name of Sponsoring Committee Chair:** Richard P Taylor

**Telephone:** 828-216-3853 **FAX:** 828-684-5105

**Email:** rick.taylor@sgswitter.com

**Name of Liaison Rep. (If different than Sponsor Chair):** Mohindar Sachdev

**Telephone:** 306-374-0730 **FAX:** 306-955-2973

**Email:** m.s.sachdev@ieee.org

**10. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** 2005-06-30

**11. Fill in Projected Completion Date for Submittal to RevCom:** 2006-06-30

**Explanation for Revised PAR that Completion date is being extended past the original four-year life of the PAR:**

**12. Scope of Proposed Project:**

The scope of this Guide will be to discuss the application and coordination of protection for radial power-system distribution lines. It will include the descriptions of the fundamentals, line configurations and schemes. In addition to

these, the scope will include identification of problems with the methods used in distribution line protection and the solutions for those problems.

**13. Purpose of Proposed Project:**

This Guide will educate and provide information on distribution protection schemes to utility engineers, consultants, educators and manufacturers. The Guide will examine the advantages and disadvantages of schemes presently being used in protecting distribution lines. This would provide the user the rationale for determining the best approach for protecting an electric power distribution system.

**14. Intellectual Property:**

**Sponsor has reviewed the IEEE patent policy with the working group?** Yes

**Sponsor is aware of copyrights relevant to this project?** No

**Sponsor is aware of trademarks relevant to this project?** No

**Sponsor is aware of possible registration of objects or numbers due to this project?** No

**15. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**16. Is there potential for this document (in part or in whole) to be submitted to an international organization for review/adoption?** No

**If yes, please answer the following questions:**

**Which International Organization/Committee?**

**International Contact**

**Information?**

**17. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain, in five sentences or less.** No

**18. Additional Explanatory Notes: (Item Number and Explanation)**

The title has been changed from "Guide for Protective Relay Applications to North American Distribution Lines" to "Guide for Protective Relay Applications to Distribution Lines".