

IEEE-SA Standards Board Extension Request

Revised 14 September 2006

1. Date of Request: 2006-12-12
2. Assigned Project Number: PC37.117
3. Project Title: Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration
 - a. Name of Working Group (WG): C9 Guide for Abnormal Frequency Load-shedding and Restoration
 - b. Name of Working Group Chair: Alexander Apostolov
 - c. Name of Sponsoring Society and Committee: Power Engineering/Power System Relaying
 - d. Name of Sponsoring Committee Chair: Philip B. Winston
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
 - a. Name: Alexander Apostolov
 - b. Telephone: 310 478 5967
 - c. FAX: 310 478 6918
 - d. EMAIL: 310 478 6918
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. Work is complete, except for REVCOM approval. An extension is required to allow time for REVCOM review and subsequent actions, as necessary.

7. History

- a. What date was the PAR first approved? 2000-03-30
- b. What date did you begin writing the first draft? 2001-01-15
- c. How many people are actively working on the project? 15
- 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? 1

8. Document Progress

- a. What percentage of the Draft is stable? 100%
- b. How many significant work revisions has the Draft been through? 7

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::

1st Ballot Close date (or scheduled close): 2006-05-26

1st Ballot Draft Number: 6

1st Ballot results (% affirmative, % negative, %abstain): 97.3% affirmative, 2.7% negative, 5.2% abstain

2nd Ballot Close date (or scheduled close): 2006-12-02

2nd Ballot Draft Number: 7

2nd Ballot results (% affirmative, % negative, %abstain): 100% affirmative

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed? 2007-02-01

When do you expect to submit the proposed standard to RevCom? 2006-12-01

- 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? 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?

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.



Sherry
Hampton/STDS/STAFF/US/IE
EE

12/11/2006 11:52 AM

To jggilbert@pplweb.com
cc pbwinsto@southernco.com, stds-pes-scc@ieee.org
bcc s.hampton@ieee.org; t.t.lee@ieee.org; Matthew
Ceglia/STDS/STAFF/US/IEEE@IEEE
Subject PC37.117 - Deferral of Project Until Receipt of Extension
Request

11 December 2006

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

Re: PC37.117 - Guide for the Application of Protective Relays Used for Abnormal Frequency
Load Shedding and Restoration

Dear Jeffrey:

On 06 December 2006, the IEEE-SA New Standards Committee deferred the extension request
for the above referenced project pending the receipt of the appropriate paperwork for the
extension request. In order to request an extension, please fill out the Target Extension Request
Form located on our website at <http://standards.ieee.org/guides/par/extension.rtf>.

Please forward the completed form to me via e-mail no later than the 09 February 2007 submittal
deadline for the March 2007 IEEE-SA Standards Board New Standards Committee meeting. If
the request is not received by the February deadline, the project will be administratively
withdrawn at the March meeting.

If you should have any questions or if I can be of any assistance, please contact me at
732-562-6003 or by email at s.hampton@ieee.org.

Kind Regards,

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

[Email This Letter](#)

13 December 2004

Mohindar Sachdev
University of Saskatchewan
243 Willoughby Cres.
Saskatoon, SK, S7H 4W6
CANADA
m.s.sachdev@ieee.org

Re: PC37.117 - Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration

Dear Mohindar:

I am pleased to report that on 08 December 2004 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2006.

If you should have any further questions, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 732 875 0695
Email: j.haasz@ieee.org

cc: aapostolov@comcast.net, rick.taylor@sgswitter.com, stds-pes-scc@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: 15-Oct-04
2. Assigned Project Number: PC37.117
3. Project Title: Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration
 - a. Name of Working Group (WG): C9 Guide for Abnormal Frequency Load-shedding and Restoration
 - b. Name of Working Group Chair: Alexander Apostolov
 - c. Name of Sponsoring Society and Committee: Power Systems Relaying
 - d. Name of Sponsoring Committee Chair: Rick Taylor
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
 - a. Name: Alexander Apostolov
 - b. Telephone: 310 478 5967
 - c. FAX: 310 478 6918
 - d. EMAIL: aapostolov@comcast.net
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 balloting of the Guide has not been completed. The final draft of the document has been completed after successful balloting and resolution of the comments within the working group. The document is ready to be submitted for balloting by the IEEE.
6. History
 - a. What date was the PAR first approved? 31-Mar-00
 - b. What date did you begin writing the first draft? 1-Jan-01
 - c. How many people are actively working on the project? 18
 - d. How many times a year does the working group meet:
 - 1 . In person? 3
 - 2 . Via teleconference?
 - e. How many times a year is a draft circulated to the working group via electronic means? 2
7. Document Progress
 - a. What percentage of the Draft is stable? 100%
 - 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::

1st Ballot Close date (or scheduled close):

1st Ballot Draft Number:

1st Ballot results (% affirmative, %negative, %abstain):

2nd Ballot Close date (or scheduled close):

2nd Ballot Draft Number:

2nd 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?

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

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

When will IEEE sponsor balloting begin? 1-Jan-05

When do you estimate that the final IEEE Sponsor ballot will be completed? 1-Jun-05

When do you expect to submit the proposed standard to RevCom? 1-Jul-05

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? No 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.

To: miriam.sanders@pulsartech.com
From: Jodi Haasz <j.haasz@ieee.org>
Subject: PC37.117 Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration
Cc: aapostolov@email.msn.com, m.s.sachdev@dlcwest.com
Bcc:
Attached: C:\My Documents\Desktop Items\Approved PARs .pdf\C37-117.pdf;

31 March 2000

Ms. Miriam Sanders
Pulsar Technologies, Inc.
4050 NW 121 Avenue
Coral Springs, FL 33065

Re: PC37.117 Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration

Dear Ms. Sanders:

I am pleased to inform you that on 30 March 2000 the IEEE-SA Standards Board approved the above referenced project until December 2004, adding coordination with PE/T&D. A copy of the file is attached in .pdf format.

The Committee would like to know why there was no response to Paul Croll's comment of "No explanation in Item 10". If you could send me an e-mail explaining why there was no response, the Committee would appreciate it.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. Written responses from all committees/organizations listed on the PAR as proposed coordination must be included with the final draft when it is submitted.

If coordination is effected by common membership, i.e., a person on the standard's developing committee who is also a member of the committee/organization specified on the PAR for coordination, there must be a document included with the final draft from that coordinating body which states that person is authorized to represent it. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at j.haasz@ieee.org

Sincerely,

Jodi Haasz
Administrator, Standards Process Support
NesCom Administrator

cc: A. Apostolov

PS - The information in the .pdf file is viewable in Adobe Reader, version 3.0 or higher. If you do not have this software, please go to <http://www.adobe.com/prodindex/acrobat/readstep.html#reader> to download the free version.

Standards Process-at-a-Glance

<http://standards.ieee.org/resources/glance.html> - A quick-reference site useful to any standards developer.

IEEE Standards Style Manual

<http://standards.ieee.org/guides/style/index.html> - Guidelines that establish style and format requirements for the preparation of proposed IEEE standards.

IEEE Standards Companion

<http://standards.ieee.org/guides/companion/index.html> - An overall view of the standards process; what to do, what to avoid, lessons learned, and sample forms.

Implement Plan for Metric Policy 9.20

<http://standards.ieee.org/announcements/metric.html> - Information on when, why and how the plan will be implemented and what exceptions exist.

Leading a Standards Development Group

<http://standards.ieee.org/faqs/ltpres.html#g1> - A free training session offered by staff to make the most of the standards process. After attending, you will have a great understanding of:

- the need for due process and consensus
- how to submit PARs and Drafts
- the "legal" aspects (copyrights, trademarks, patents)
- how staff can help you

Standards Coordinating Committee 10

<http://standards.ieee.org/faqs/SCC10.html> - An explanation of the importance of coordinating with the IEEE Dictionary (SCC10) as is mandated on the PAR form.

Balloting Information

http://standards.ieee.org/resources/glance_at_balloting.html

IEEE-SA Standards Board Project Authorization Request (PAR) Form (1999-Rev 1)

Note: For use with help hyperlinks offline, download guide.html and parsgn99.html into the same directory.

1. **Sponsor Date**
of Request
[1999 Oct 15]

2. **Assigned Project**
Number
[PC37.117]

3. **PAR Approval**
Date
30 March 2000

{Copyright release must be submitted with [appropriate signatures](#) by postal mail or FAX (1-732-562-1571)}

[X] PAR Signature Page on File {IEEE Staff to check box}

4. **Project Title**, Recorder and Working Group/Sponsor for this Project

Document type and title: {Place an X in only one option below}

- [..] **Standard for**{document stressing the verb "shall"}
- [..] **Recommended Practice for**{document stressing the verb "should"}
- [X] **Guide for** {document in which good practices are suggested}

Title: [Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration]

Name of Working Group (WG): [C9 Underfrequency Load Shedding and Restoration]

Name of Official Reporter (usually the WG Chair) who must be an SA member as well as an IEEE/Affiliate Member: [Alex Apostolov]

IEEE/Affiliate Member # [01700194]
Company: [ALSTOM] Telephone: [310-478-5967]
Address: [2950 Bentley Ave., #4] FAX: [310-478-6918]
City/State/Zip: [Los Angeles, CA 90064] Email: [aapostolov@msn.com]

Name of Working Group Chair (if different than Reporter): [...]

IEEE/Affiliate Member # [...]
Company: [...] Telephone: [...]
Address: [...] FAX: [...]
City/State/Zip: [...] Email: [...]

Name of Sponsoring Society and Committee: [Power Systems Relaying Committee]

Name of Committee Sponsor Chair: [Arun Phadke.]

IEEE/Affiliate Member # [05163282]
Company: [Virginia Tech] Telephone: [.(540) 231-7029..]
Address: [426 Whittemore Hall] FAX: [:(540) 231-4303.]
City/State/Zip: [Blacksburg, VA 24061-0111..] Email: [aphadke@vt.edu.]

5. Describe This Project; Answer each of four questions below:

- a. [Update an existing PAR](#) [NO]

If YES, indicate PAR Number/Approval Date [P####-YEAR]

If YES, attach a cover letter indicating changes/rationale for changes.

If YES, is this project in ballot now? [yes/no]

- [Choose](#) one from the following:

New Standard

Revision of existing Standard {number and year} [...]

Amendment (Supplement) to an existing standard {number and year} [...]

Corrigenda to an existing standard {number and year} [...]

- [Choose](#) one from the following:

Full Use (5-year life cycle)

Trial Use (2-year life cycle)

- [Choose](#) one from the following:

Individual Sponsor Balloting

Entity Sponsor Balloting

- Fill in [Target Completion Date](#) to IEEE RevCom : [12/2001]

6. [Scope](#) of Proposed Project:

[This project will develop a Guide for the application of protective relays used for load shedding and restoration during electric power system abnormal frequency conditions. It will present background information, bibliography, and recommendations. It discusses abnormal frequency power system behavior, existing load shedding and restoration practices, the abnormal frequency function of typical protective relays, and possible new methods for improved load shedding and

restoration. This project is limited to electric power system applications and will not include Abnormal Frequency Protection of Power Generating Plants]

7. Purpose of Proposed Project:

[There is currently no IEEE Guide for the application of protective relays used for load shedding and restoration during electric power system abnormal frequency conditions. This Guide will complement the IEEE Guide for Abnormal Frequency Protection of Power Generating Plants. It will provide information to assist in the application of load shedding and restoration schemes. Methods and examples will be provided.]

8. Intellectual Property {Answer each of the questions below}

- a. Are you aware of any patents relevant to this project?

[No] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any copyrights relevant to this project?

[No] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any trademarks relevant to this project?

[No] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any registration of objects or numbers relevant to this project?

[No] {Yes, with detailed explanation below / No}
[...] {Explanation}

9. Are you aware of any other standards or projects with a similar scope?

[No] {Yes, with detailed explanation below / No}
[...] {Explanation}

10. International Harmonization

Is this standard planned for adoption by another international organization?

[No] { Yes/No/?? if you don't know at this time }

If Yes: Which International Organization [...]

If Yes: Include coordination in question 13 below

If No: Explanation [...]

11. Is this project intended to focus on health, safety or environmental issues?

[No] { Yes/No/?? if you don't know at this time }

If Yes: Explanation [...]

12. Proposed Coordination/Recommended Method of Coordination

a. Mandatory Coordination

SCC 10 (IEEE Dictionary)	by DR {Circulation of DR afts }
IEEE Staff Editorial Review by	by DR
SCC 14 (Quantities, Units and Letter symbols)	by DR

- Coordination requested by Sponsor:

[Nuclear Power Engineering Committee.] by [...] {circulation of **DR**afts }

[PE/T&D] by [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb} |

[.....] by [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

[.....] by [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

- [Coordination Requested by Others:](#)

[...] {added by staff}

13. Additional Explanation Notes: {Item Number and Explanation}

[...]{If necessary, these can be continued on additional pages}

The [PAR Copyright Release and Signature Page](#) must be submitted by FAX or physical delivery before this PAR will be sent on for NesCom and Standards Board approval.