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12 December 2005

Anne-Marie Sahazizian
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Re: P1303 - Guide for Static Var Compensator Field Tests

Dear Anne-Marie:

I am pleased to inform you that on 07 December 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1303.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 j.haasz@ieee.org no later than 07 March 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 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
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PAR FORM

PAR Status: Revision PAR

PAR Approval Date: 07 December 2005

PAR Signature Page on File: Yes

1. Assigned Project Number: P1303

2. Sponsor Date of Request: 2005-08-24

3. Type of Document: Guide for

4. Title of Document:

Draft: Guide for Static Var Compensator Field Tests

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The Project is a: Revision of Std 1303-1994

7. Working Group Information:

Name of Working Group: Static Var Compensator

Approximate Number of Expected Working Group Members:10

8. Contact information for Working Group Chair:

Name of Working Group Chair: Christopher Horwill

Telephone: +44 1785 274456 **FAX:** +44 1785 252540

Email: chris.horwill@areva-td.com

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:

Telephone: **FAX:**

Email:

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: IEEE Power Engineering Society Substations

Name of Sponsoring Committee Chair: Hanna E Abdallah

Telephone: 602-371-6524 **FAX:** 602-371-6829

Email: hannaessa.abdallah@aps.com

Name of Liaison Rep. (if different from the Sponsor Chair): Anne-Marie Sahazizian

Telephone: 416-345-6657 **FAX:** 416-345-6965

Email: AM.Sahazizian@HydroOne.com

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: FAX:

Email:

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: FAX:

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: July 2008

12. Projected Completion Date for Submittal to RevCom: March 2009

Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

This document is a guide for field testing and commissioning of static var compensators (SVCs). As such, the document establishes general guidelines and criteria for field testing to verify the specified performance of SVC systems. This guide does not

- Cover factory and simulator tests of SVC system components (but it assumes that such tests have been performed beforehand).

- Discuss the division of responsibility between user and supplier, since this division is usually defined in the contract between buyer and supplier. Most often, however, the practice is for the equipment, subsystem, and commissioning tests to be performed by the supplier, and the acceptance tests to be performed by the buyer or user.

Is the completion of this document contingent upon the completion of another document?

No

14. Purpose of Proposed Project:

The purpose of this guide is to help users of SVCs carry out a field test program prior to placing an SVC into service. The major elements of a commissioning program are identified so that the user can formulate a specific plan that is suited to his or her own SVC. Such a test program should cover the following:

- Equipment tests within the SVC system

- Tests of the various subsystems that comprise the SVC system

- Commissioning tests of the complete SVC system

- Acceptance testing of the complete SVC system

It should be recognized that there are many ways in which a particular SVC may be commissioned, and also that it is not the purpose of this guide to endorse a specific procedure to the exclusion of other methods. Depending on the purpose of the SVC design (transmission type or smaller size used for other purposes) some tests may not be required. In particular, some control system tests may be included in the factory tests. Also, acceptance tests may be integrated into any of the categories listed above.

15. Reason for the Proposed Project:

The current standard was approved in 1994, since when, there have been major developments in

SVC component equipment, particularly control systems. The standard needs to be updated to incorporate new equipment and test methods that have been developed since the standard was approved. Users of the revised standard will benefit from an updated document, which covers developments in SVC equipment. The standard will be used by suppliers, purchasers and users of SVCs, all of whom have a stake in the revision of this document.

16. Intellectual Property:

- a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR? Yes 2005-08-05**
- b. Is the sponsor aware of copyright permissions needed for this project? No**
- c. Is the sponsor aware of trademarks that apply to this project? No**
- d. Is the sponsor aware of possible registration activity related to this project? No**

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

Similar Scope Project Information:

18. Is there potential for this document (in part or in whole) to be adopted by another national, regional or international organization? Do not know at this time

If yes, the following questions must be answered:

Organization Name?

Technical

Committee

International

Contact

Information?

19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No

If yes, please explain:

20. Sponsor Information

a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes

If no, please explain:

b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes

21. Additional Explanatory Notes: (Item Number and Explanation)

Item #13 - The scope remains unchanged.

Item #14 – The purpose is as stated in the 1994 edition of the standard. The text of the purpose has changed from the text in the original PAR as a result of its refinement prior to incorporation into the standard.