

P1793

Submitter Email: dejohnson@powereng.com

Type of Project: New IEEE Standard

PAR Request Date: 26-Aug-2008

PAR Approval Date: 07-Nov-2008

PAR Expiration Date: 31-Dec-2012

Status: PAR for a New IEEE Standard

Project Record:

1.1 Project Number: P1793

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines

3.1 Working Group: Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines (PE/IC/C23)

Contact Information for Working Group Chair

Name: Dennis E Johnson

Email: dejohnson@powereng.com

Phone: 913 402 6065

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power & Energy Society/Insulated Conductors (PE/IC)

Contact Information for Sponsor Chair

Name: Timmy Wright

Email: swright@powereng.com

Phone: 281 765 5505

Contact Information for Standards Representative

None

3.3 Joint Sponsor: IEEE Power & Energy Society/Transmission and Distribution (PE/T&D)

Contact Information for Sponsor Chair

Name: Gene Wolf

Email: gene-wolf@ieee.org

Phone: 505 898-2142

Contact Information for Standards Representative

Name: Karl Mortensen

Email: kmortensen@grenergy.com

Phone: 763-241-2365

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 05/2011

4.3 Projected Completion Date for Submittal to RevCom: 01/2012

5.1 Approximate number of people expected to work on this project: 16

5.2 Scope: This guide presents factors to be considered in the planning and design of transition facilities between overhead and underground transmission lines. These include the system implications of a hybrid installation as they relate to the transition facility. While this document focuses on transmission lines only, some of the considerations listed in this guide are common to both transmission and distribution installations.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this guide is to list and describe typical factors that should be considered in the planning and designing of transition facilities between overhead and underground transmission lines. Some of these factors relate to the installation, operation and maintenance of the transmission system. This guide is intended to be comprehensive, but may not be all inclusive.

5.5 Need for the Project: This standard will provide guidance to utility engineers in designing of hybrid overhead and underground

lines. There is currently no publicly available document that provides this information.

5.6 Stakeholders for the Standard: electric utilities

Intellectual Property

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

If yes, state date: 10-Mar-2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization? Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

b. Joint Development

Is it the intent to develop this document jointly with another organization? Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts? Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

8.1 Additional Explanatory Notes (Item Number and Explanation):