

P524

Submitter Email: rlha@pge.com

Type of Project: Revision to IEEE Standard 524-2003

PAR Request Date: 04-Dec-2009

PAR Approval Date: 05-Feb-2010

PAR Expiration Date: 31-Dec-2014

Status: PAR for a Revision to an existing IEEE Standard

Project Record: P524

Root Project: 524-2003

1.1 Project Number: P524

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: **Guide to the Installation of Overhead Transmission Line Conductors** **Old Title:** IEEE Guide to the Installation of Overhead Transmission Line Conductors

3.1 Working Group: Construction of Overhead Lines Working Group (PE/T&D/TPC-15.11.03)

Contact Information for Working Group Chair

Name: Douglas Proctor

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Transmission and Distribution (PE/T&D)

Contact Information for Sponsor Chair

Name: Thomas Grebe

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 12/2012

4.3 Projected Completion Date for Submittal to RevCom: 10/2013

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: This guide provides general recommendations for the selection of methods, equipment, and tools that have been found to be practical for the stringing and grounding of overhead transmission line conductors, overhead groundwires and fiber optic cables. The guide also includes a comprehensive list of definitions for equipment and tools used in stringing and for stringing terms commonly employed. This guide does not address special conductors such as those used for river and canyon crossing. These conductors may be custom designed and may often require special considerations.

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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 present in one document sufficient details of present day methods, materials, and

equipment to outline the basic considerations necessary for maintaining safe and adequate control and grounding of conductors during stringing operations. References are given for those desiring more detailed information. Because the terminology used for many hardware items and for many stringing terms varies from place to place, a list of definitions is included to provide correlation and clarification of the terms most commonly employed.

5.5 Need for the Project: It is necessary to revise this standard in order to add technical information related to the installation of new and special conductors that has become available since the previous revision.

5.6 Stakeholders for the Standard: transmission, construction, maintenance, grounding

Intellectual Property

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

6.1.b. 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

8.1 Additional Explanatory Notes (Item Number and Explanation): A timely revision was needed.