P516

Submitter Email: kawallac@southernco.com
Type of Project: Revision to IEEE Standard 516-2009
PAR Request Date: 13-Jan-2014
PAR Approval Date: 27-Mar-2014
PAR Expiration Date: 31-Dec-2018
Status: PAR for a Revision to an existing IEEE Standard
Root Project: 516-2009

1.1 Project Number: P516
1.2 Type of Document: Guide
1.3 Life Cycle: Full Use

2.1 Title: Guide for Maintenance Methods on Energized Power Lines

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None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Transmission and Distribution (PE/T&D)
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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: 07/2016
4.3 Projected Completion Date for Submittal to RevCom: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 25
5.2 Scope: This guide provides the general recommendations for performing maintenance work on energized power lines. It is not intended to include all of the proven practical methods and procedures; however, these selected comprehensive recommendations are based on sound engineering principles, engineering safety considerations, and field experience by many utilities. Included are technical explanations as required to cover certain laboratory testing of tools and equipment, in-service inspection, maintenance and care of tools and equipment, and work methods for the maintenance of energized lines for persons working in vicinity of energized lines.

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
a) Present, in one guide, sufficient details of some of the methods and equipment presently in use to enable the performance of energized line maintenance with maximum safety.
b) Direct attention to appropriate standards and other documents for the acquisition of knowledge on the inspection, care, and use of required tools and equipment.
c) Provide guidance for establishing an appropriate work area, taking into consideration safety and the physical effects of the work area on personnel.

It is not intended that this guide should replace present proven utility practices or imply that these recommendations are superior to existing practices and, therefore, should be universally adopted as utility standards. This compilation of many accepted practices is presented specifically in the form of a guide to be used by those electric utilities and agencies that are seeking guidance in establishing methods and
procedures for maintenance of energized power lines.

5.5 Need for the Project: The reason for this project is to update the guide to include latest developments in line work and make the document more user friendly. The stakeholders for the project are electric utility and contractor line workers.

5.6 Stakeholders for the Standard: electric utilities and contractor line workers

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**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

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7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
    Is it the intent to develop this document jointly with another organization?: No

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8.1 Additional Explanatory Notes (Item Number and Explanation):