

PC135.100

Submitter Email: jlhavel@bpa.gov
Type of Project: New IEEE Standard
PAR Request Date: 25-Apr-2019
PAR Approval Date: 13-Jun-2019
PAR Expiration Date: 31-Dec-2023
Status: PAR for a New IEEE Standard

1.1 Project Number: PC135.100
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Line Hardware for Overhead Line Construction

3.1 Working Group: Overhead Line Structural and Materials & Hardware Working Group (PE/T&D/TPC-15.11.08-10)

Contact Information for Working Group Chair

Name: Jennifer Havel
Email Address: jlhavel@bpa.gov
Phone: 360.619.6365

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: Wen-Kung Chang
Email Address: garywkchang@gmail.com
Phone: +886-5-2720411 #33210

Contact Information for Standards Representative

Name: John Mcdaniel
Email Address: john.mcdaniel@nationalgrid.com
Phone: 315-452-7719

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 10/2020

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2021

5.1 Approximate number of people expected to be actively involved in the development of this project: 20

5.2 Scope: This standard covers testing of line hardware used in the construction of overhead transmission and distribution lines, including line hardware, forged anchor shackles, shoulder live line extension links, and bolted dead end strain clamps.

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

5.4 Purpose: Line hardware conforming to this standard shall, in all respects, meet the basic dimensional and performance requirements herein stated. The test and specifications or standards referenced supplement each other and shall be considered part of this standard.

5.5 Need for the Project: This standard combines the following standards for line hardware used in the construction of overhead transmission and distribution lines:

C135.61 - IEEE standard for the Testing of Overhead Transmission & Distribution Line Hardware,

C135.62 - IEEE Standard for Zinc-Coated Forged Anchor Shackles,

C135.63 - IEEE Standard for Shoulder Live Line Extension Links for Overhead Line Construction,

C135.64 - IEEE Guide for Slip and pull-out Strength Testing of Bolted Dead End Strain Clamps.

Combining all these standards into one document simplifies the process of reviewing and updating the standards related to line hardware for overhead line construction into one document.

5.6 Stakeholders for the Standard: Electric utility (transmission & distribution) engineers, line hardware manufacturers, utility line designers, line consultants, and line construction companies that represent the groups.

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

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: