

PC37.122.8

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Type of Project: New IEEE Standard
PAR Request Date: 08-May-2018
PAR Approval Date: 14-Jun-2018
PAR Expiration Date: 31-Dec-2022
Status: PAR for a New IEEE Standard

1.1 Project Number: PC37.122.8
1.2 Type of Document: Guide
1.3 Life Cycle: Full Use

2.1 Title: Guide for the Application of Mobile Gas-Insulated Substations Rated Above 52kV

3.1 Working Group: IEEE Guide for the Application of Mobile Gas-Insulated Substations Rated Above 52kV (PE/SUB/WGK18)

Contact Information for Working Group Chair

Name: Steven Scharf
Email Address: ssscharf@tva.gov
Phone: 706-861-1647

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Substations (PE/SUB)

Contact Information for Sponsor Chair

Name: Diane Watkins
Email Address: diane.watkins@xcelenergy.com
Phone: 480-361-9793

Contact Information for Standards Representative

Name: Matthew Vacha
Email Address: matthew.vacha@gmail.com
Phone: 330-384-4967

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: 30

5.2 Scope: This guide applies specifically to mobile high-voltage gas-insulated substation (GIS) equipment rated above 52 kV. It is used for developing specifications, design, fabrication, testing, installation, commissioning, operation, maintenance, storage, and transportation of mobile GIS.

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

5.4 Purpose: This document is used to aid in the procurement of mobile high-voltage gas-insulated substation (GIS) equipment rated above 52 kV. This guide applies to the use of GIS technology for mobile substation equipment to provide a compact, mobile, safe and reliable alternative option to temporary air insulated equipment, for temporary transmission electric facility emergency operations and scheduled construction scenarios.

5.5 Need for the Project: There is currently no document that exists in which to help aid the considerations for mobile gas-insulated substations. This guide will serve as a reference to assist when mobile gas-insulated substations applications are desired.

5.6 Stakeholders for the Standard: This guide will be used by substation design engineers and personnel associated with utilities and manufacturing companies.

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: