

IEEE Guide for Cable Connections for Gas-Insulated Substations

Sponsor

**Insulated Conductors Committee
of the
IEEE Power Engineering Society**

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IEEE Standards Board

Abstract: The coordination of design, material supply, installation, and test procedures required for the connection of a gas-insulated substation (GIS) is described. Preferred dimensions for mechanical and electrical interchangeability for voltage classes of 69 kV and above are established.

Keywords: cable connection, gas-insulated substation (GIS)

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Introduction

(This introduction is not a part of IEEE Std 1300-1996, IEEE Guide for Cable Connections for Gas-Insulated Substations.)

This guide serves to explain detailed requirements for cable connections for gas-insulated substations. The guide was prepared as Project 10-52 of the Accessories Subcommittee No. 10 of the Insulated Conductors Committee of the IEEE Power Engineering Society. It is based on IEC Publication 859 (1986), Cable Connections for Gas-Insulated Metal Enclosed Switchgear for Rated Voltages of 72.5 kV and above.

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