IEEE STANDARDS ASSOCIATION

IEEE Guide for Cable Connections for Gas-Insulated Substations

IEEE Power & Energy Society

Sponsored by the
Insulated Conductors Committee

IEEE
3 Park Avenue
New York, NY 10016-5997
USA

5 Jan 2012

IEEE Std 1300™-2011
(Revision of
IEEE Std 1300-1996)

IEEE Std 1300™-2011
(Revision of
IEEE Std 1300-1996)

IEEE Guide for Cable Connections for Gas-Insulated Substations

Sponsor

Insulated Conductors Committee
of the
IEEE Power & Energy Society

Approved 7 December 2011

IEEE-SA Standards Board

Abstract: This guide establishes typical dimensions for connections of a gas-insulated substation (GIS) to extruded, self contained fluid-filled, and high pressure fluid-filled (pipe-type) cables in single and three phase arrangements for voltages 72.5 kV to 550 kV.
Keywords: cable connections, gas-insulated substations, GIS, IEEE 1300, terminations

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

PDF: **ISBN** 978-0-7381-7162-3 STD97194
Print: **ISBN** 978-0-7381-7187-6 STDPD97194