

IEEE Recommended Practice for the Interface of New Gas-Insulated Equipment in Existing Gas-Insulated Substations

Sponsor

Gas-Insulated Substation Committee
of the
IEEE Power Engineering Society

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Abstract: Recommendations for the connection of a gas-insulated substation to another gas-insulated substation of a different make are given.

Keywords: gas-insulated substation (GIS), gas-insulated transmission line (GIL), interface

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Introduction

(This introduction is not part of IEEE Std 1416-1998, IEEE Recommended Practice for the Interface of New Gas-Insulated Equipment in Existing Gas-Insulated Substations.)

Gas-Insulated Substations (GIS) are proven technologies covered by international standards and guides. But so far, very little guidance has been made available to utilities when they have to connect a GIS to a GIS of another make. This document defines a recommended practice to cover such a case.

At the time this recommended practice was approved, the Interface Working Group of the GIS subcommittee had the following membership:

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The final conditions for approval of this recommended practice were met on 28 September 1998. This recommended practice was conditionally approved by the IEEE-SA Standards Board on 16 September 1998, with the following membership:

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