

IEEE Power Substations Standards Collection: VuSpec™

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Summary

IEEE Power Substations Standards Collection included active standards covering switching stations, transformer stations, and generating station switchyards. IEEE Substations Standards Collection is a single source for design construction and operation of power substations. IEEE Substations Standards Collection contains 50 active IEEE Standards, Guides, and Recommended Practices, Errata & Interpretations for Power Substations, it also allows for easy full text searching on a signal standard or all standards at the same time.

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Includes 50 active IEEE Standards, Guides, and Recommended Practices, Errata & Interpretations in the power substation family:

- IEEE Std 80™-2000, IEEE Guide for Safety in AC Substation Grounding
- Errata to IEEE Std 80™-2000, IEEE Guide for Safety in AC Substation Grounding
- IEEE Standards Interpretation for IEEE Std 80™-1986 IEEE Guide for Safety in AC Substation Grounding
- IEEE Standards Interpretation for IEEE Std 80™-2000 IEEE Guide for Safety in AC Substation Grounding
- IEEE Std 81™-2012, IEEE Guide For Measuring Earth Resistivity, Ground Impedance, And Earth Surface Potentials Of a Ground System
- IEEE Std 525™-2007, IEEE Guide for the Design and Installation of Cable Systems in Substations
- IEEE Std 605™-2008, IEEE Guide for Design of substation Rigid-Bus Structures
- Correction to IEEE Std 605™-1998, IEEE Guide for Design of substation Rigid-Bus Structures
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- IEEE Standards Interpretation for IEEE Std 605™-2008 IEEE Guide for Bus Design in Air Insulated Substations
- IEEE Std 693™-2005, IEEE Recommended Practice for Seismic Design of Substations
- IEEE Std 837™-2002, IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding
- IEEE Std 979™-2012, IEEE Guide for Substation Fire Protection (Pub 11/7/2012)

- IEEE Std 980™-1994 (R2001), IEEE Guide for Containment and Control of Oil Spills in Substations
- IEEE Standards Interpretation for IEEE Std 980™-1994 IEEE Guide for Containment and Control of Oil Spills in Substations
- IEEE Std 998™-2012, IEEE Guide for Direct Lightning Stroke Shielding of Substations
- IEEE Std 1031™-2011, IEEE Guide for the Functional Specification of Transmission Static Var Compensators
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- IEEE Std 1125™-1993 (R2005), IEEE Guide for Moisture Measurement and Control in SF6 Gas-Insulated Equipment
- IEEE Std 1127™-1998 (R2004), IEEE Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility
- IEEE Std 1240™-2000 (R2012), IEEE Guide for the Evaluation of the Reliability of HVDC Converter Stations
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- IEEE Std 1379™-2000 (R2006), IEEE Recommended Practice for Data Communications Between Remote Terminal Units and Intelligent Electronic Devices in a Substation
- IEEE Std 1402™-2000 (R2008), IEEE Guide for Electric Power Substation Physical and Electronic Security
- IEEE Std 1416™-1998 (R2004), IEEE Recommended Practice for the Interface of New Gas-Insulated Equipment in Existing Gas-Insulated substations
- IEEE Std 1427™-2006, IEEE Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations
- IEEE Std 1527™-2006, IEEE Recommended Practice for the Design of Flexible Buswork Located in Seismically Active Areas
- IEEE Std 1534™-2009, IEEE Recommended Practice for Specifying Thyristor-Controlled Series Capacitors
- IEEE Std 1585™-2002 (R2007), IEEE Guide for the Functional Specification of Medium Voltage (1 - 35 kV) Electronic Series Devices for Compensation of Voltage Fluctuations

- IEEE Std 1613™-2009, IEEE Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Substations
- IEEE Standards Interpretation for IEEE Std 1613™-2003 IEEE Standard Environmental and Testing Requirements for Communications Networking Devices in Electric Power Substations
- IEEE Standards Interpretations for IEEE Std 1613™-2009 IEEE Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Electrical Power Substations
- IEEE Std 1615™-2007, IEEE Recommended Practice for Network Communication in Electric Power Substations
- IEEE Std 1623™-2004 (R2010), IEEE Guide for the Functional Specification of Medium Voltage (1 kV...35 kV) Electronic Shunt Devices for Dynamic Voltage Compensation
- IEEE Std 1646™-2004 IEEE Standard Communication Delivery Time Performance Requirements for Electric Power Substation Automation
- IEEE Std 1686™-2007, IEEE Standard for Substation Intelligent Electronic Devices (IEDs) Cyber Security Capabilities
- IEEE Std 1815™-2012, IEEE Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3)
- IEEE Std C37.1™-2007, IEEE Standard for SCADA and Automation Systems
- IEEE Std C37.2™-2008, IEEE Standard for Electrical Power System Device Function Numbers, Acronyms, and Contact Designations
- IEEE Std C37.122™-2010, IEEE Standard for Gas-Insulated Substations
- Errata to IEEE Std C37.122™-2010, IEEE Standard for Gas-Insulated Substations
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- IEEE Std C37.122.2™-2011 - IEEE Guide for the Application of Gas-Insulated Substations 1 kV to 52 kV
- IEEE Std C37.122.3™-2011 - IEEE Guide for Sulphur Hexafluoride (SF6) Gas Handling for High-Voltage (over 1000 Vac) Equipment
- IEEE Std C37.123™-1996 (R2008), IEEE Guide to Specifications for Gas-Insulated, Electric Power Substation Equipment

Bonus Features

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