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Project

Active

PC37.122 - Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV





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Project Details

The requirements for gas-insulated substations (GIS) for alternating current applications above 52kV are contained in this standard. GIS is an assembly of switching and bus components and may contain disconnect switches, ground switches, and fault making ground switches included in a GIS. For the other components comprising the GIS, the additional and/or specific GIS requirements are contained in this standard.

Standards Committee

PE/SUB - Substations

(<http://ewh.ieee.org/cmte/substations/>)

Co-Standards Committee

PE/SWG

(<http://www.ewh.ieee.org/soc/pes/switchgear/>)

PAR Approval

2018-03-08

PARs

Approved PAR

(<https://development.standards.ieee.org/myproject-web/public/view.html#pardetail/6391>)

Additional Resources Details

Historical Base Standard

C37.122-2010 (/standard/C37_122-2010.html)

Working Group Details

Working Group

WGK1 - High Voltage Gas-Insulated Substations

Standards Committee

PE/SUB - Substations

(<http://ewh.ieee.org/cmte/substations/>)

Society

IEEE Power and Energy Society

(<http://www.ieee.org/pes>)

IEEE Program Manager
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IEEE C37.122-2010 - IEEE Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV (/standard/C37_122-2010.html)

The technical requirements for the design, fabrication, testing, and installation of a gasinsulated substations are covered. The parameters to be supplied by the purchaser are set, and the technical requirements for the design, fabrication, testing, and installation details to be furnished by the manufacturer are established.



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