

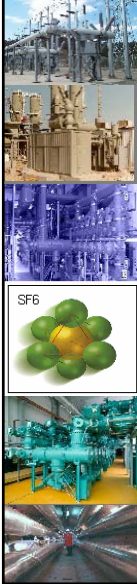



IEEE/PES Substation Committee - GIS Subcommittee







IEEE

Substations Committee GIS Subcommittee K2 Gas Insulated Technology GIS/GIL/MTS/SF₆-Tutorial/Panel

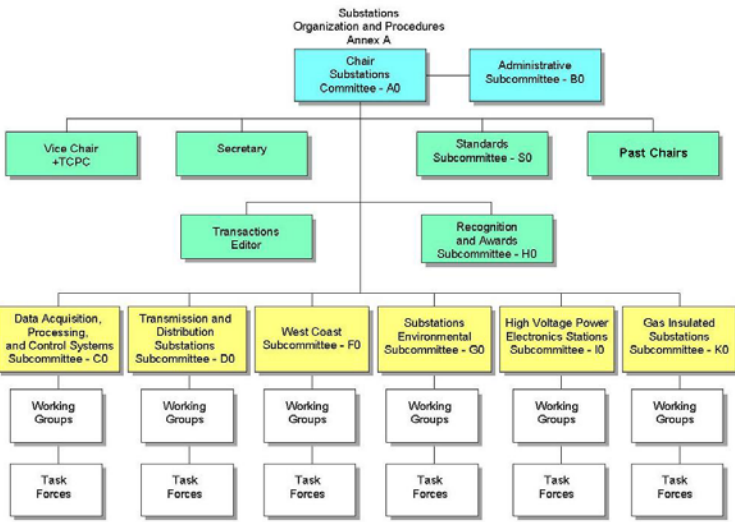
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Organization Substations Committee


Substations
Organization and Procedures
Annex A




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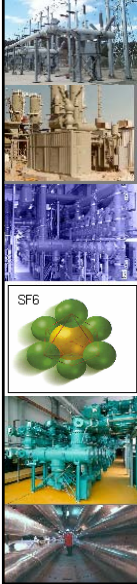
graph TD
    A0[Chair Substations Committee - A0] --- B0[Administrative Subcommittee - B0]
    A0 --- VC[Vice Chair +TCPC]
    A0 --- Sec[Secretary]
    A0 --- TE[Transactions Editor]
    A0 --- SS[Standards Subcommittee - S0]
    A0 --- RA[Recognition and Awards Subcommittee - H0]
    A0 --- PCh[Past Chairs]
    
    A0 --- C0[Data Acquisition, Processing, and Control Systems Subcommittee - C0]
    A0 --- D0[Transmission and Distribution Substations Subcommittee - D0]
    A0 --- F0[West Coast Subcommittee - F0]
    A0 --- E0[Substations Environmental Subcommittee - E0]
    A0 --- I0[High Voltage Power Electronics Stations Subcommittee - I0]
    A0 --- K0[Gas Insulated Substations Subcommittee - K0]
    
    C0 --- CG0[Working Groups]
    CG0 --- TF0[Task Forces]
    
    D0 --- CGD0[Working Groups]
    CGD0 --- TFD0[Task Forces]
    
    F0 --- CGF0[Working Groups]
    CGF0 --- TFF0[Task Forces]
    
    E0 --- CGE0[Working Groups]
    CGE0 --- TFE0[Task Forces]
    
    I0 --- CGI0[Working Groups]
    CGI0 --- TFI0[Task Forces]
    
    K0 --- CGK0[Working Groups]
    CGK0 --- TFK0[Task Forces]
    
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Experts

Gas Insulated Technology Tutorial / Panel


Arun Arora	Consultant
George Becker	United Illuminating
Lutz Boettger	ABB
Phil Bolin	Mitsubishi
Hugues Bosia	AREVA
John Brunke	Siemens
Wolfgang Degen	Consultant
Mark Etter	ABB
Mel Hopkins	CGIT
Hermann Koch	Siemens
Venkatesh Minisandram	National Grid
Deborah Ottinger	EPA
Ryan Stone	Mitsubishi

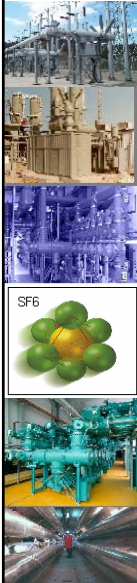
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Content


- Overview
- GIS Basics
- GIS Applications
- GIL Basics
- GIL Applications
- Mixed Technology Switchgear
- SF6
- Overloading
- GIS Technology Theory
- LCA Study

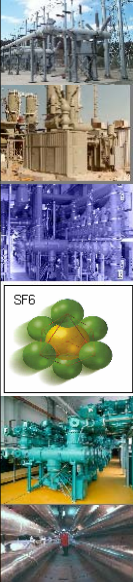
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13 Tutorials or Panels given until today

- Substations Committee Meeting, Sun Valley, April 2003 (Tutorial)
- T&D Conference and Exhibition, Dallas, September 2003 (Tutorial)
- Substations Committee Meeting, New Orleans, April 2004 (Tutorial)
- PES General Meeting, Denver, July 2004 (Tutorial)
- Switchgear Committee Meeting, Tucson, September 2004 (Tutorial)
- Substations Committee Meeting, Tampa, April 2005 (Tutorial)
- PES General Meeting, San Francisco, June 2005 (Panel)
- IEEE Distinguished Lecturer Program, India, August 2005 (Tutorial)
- Substations Committee Meeting, Scottsdale, April 2006 (Tutorial)
- PES General Meeting, Montreal, Canada, June 2006 (Panel)
- Substations Committee Meeting, Bellevue, April 2007 (Tutorial)
- PES General Meeting, Tampa, June 2007 (Panel)
- Substations Committee Meeting, San Francisco, April 2008 (Tutorial)

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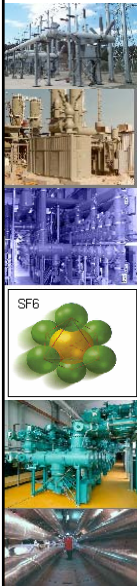
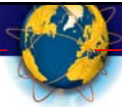
T&D Conference 2008 Chicago GIS & MTS Panel Session

Day: Wednesday, April 23, 2008
Time: 14:00 – 18:00 h
Room: McCormic Place, Meeting Room

Presentations		Presenters
14:00	Welcome and Opening	Hermann Koch
14:10	GIS Theory Interruption	John Brunke
14:40	GIL Basics	Hermann Koch
15:10	GIL Applications	Phil Bolin / Gary Bowman
15:40	Discussion on GIL	All
16:20	Coffee Break	All
16:50	MTS	Wolfgang Degen
17:20	Gas Management for the Smart Grid	Ron Hofmann
17:50	Discussion	All
18:00	End	

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We wish you a good panel session!