

## Gas Insulated Switchgear Rated 1kV to 52kV

Minutes of Meeting 1. May 1, 2013

Purpose was a proposal for Working Group

Chair: Eldridge Byron

Location: Galveston, TX

Participants: 21 attendees: 12 requested membership, 9 guests

1. The meeting was started with the introduction of all participants and attendance recorded.
2. The convener reviewed the agenda for the meeting.
3. The current state and need for a standard was discussed. The need and purpose for the document was questioned but since IEEE documents or divide into different groups unlike 62271-200, it was agreed that this is the best approached to get requirements listed for GIS.
4. The chair reviewed the sample of a Par submitted to Switchgear and Substations chairmen.
5. The Scope of the document was discussed with changes made.
6. Issues of which committee assumes primary responsibility and which number will be used will be discussed by the chairmen of the committees. If agreement is not reached then hopefully a decision will be made by the next meeting of the Standards Coordinating Committee in June 2013.
7. A proposed scope of work to be done by next meeting was presented.
8. A proposed schedule for the next joint (SUB & SWGR) meeting is the Fall Switchgear Committee meeting in San Antonio.
9. Meeting was adjourned.

### Agenda Gas Insulated Switchgear Rated 1kV to 52 kV

Introductions

WG Membership/Guest Sign in---(Vice Chair [SubSt](#))

Topics for Discussion

Need for Standard

Scope

Par Proposal

Joint Sponsorship Switchgear & Substation

Project timeline - Fall 2017

Project Work Assignments

## Need for Standard

- Gas Insulated Switchgear is being imported into the North American Market
- UL and CSA have undertaken projects to label gear
- There are several Categories of Investigations existing and none are exactly the same
- Several standards have been used for listing
  - C37.20.2, C37.20.3, 62271-200,
  - C37.20.4,
  - C37.04, C37.06, C37.09, 62271-100

## Scope

This standard covers the design, testing, installation and operation of switchgear that is gas-insulated (GIS) for alternating-current applications above 1kV to 52kV. Typical contents of GIS include but are not limited to assemblies of specialized devices such as circuit breakers, switches, bushings, buses, instrument transformers, cable terminations, instrumentation, metering and controls, protective and regulating equipment, and gas-insulating systems. ~~The GIS may consist of separately enclosed devices assembled together or may be enclosed in one enclosure to form one functional assembly. These assemblies are integrally mounted or may be included in one enclosure.~~ Portions of the enclosure are sealed and use a gas other than air for the primary insulating medium. This standard covers both indoor and outdoor installations.

~~It does not include certain items that may directly connect to gas-insulated substation equipment, such as power transformers, and bus duct.~~

## Standard Number

**PC37.20.9 ??**

**PC37.122.XX??**

**Full Use Standard**

## Proposed Work

- Chair will take existing standards and modify for new standard.
- Will follow C37.100.1 format
- Will submit to meeting attendees by mid-August
- Attendees to review and be ready to start discussions in Fall 2013 meeting

## Gas Insulated Switchgear Rated 1kV to 52kV

### IEEE PES Switchgear Committee SA\_C37.20.9

Initial box to denote attendance	Name / Role	Place / Date of meeting : Company Name / Email	City / State & Country	Checkbox to request membership
<input type="checkbox"/>	<b>Baeuml, Katrin</b> Member	Schneider Electric katrin.baeuml@schneider-electric.com	Regensburg Germany	
<input type="checkbox"/>	<b>Barnhart, Paul</b> Member	Underwriters Laboratories paulbarnhart@ieee.org	Walkertown NC, USA	
<input type="checkbox"/>	<b>Boyce, Russell</b> Guest	Eaton russellboyce@eaton.com	Greenwood SC, USA	<input type="checkbox"/>
<input type="checkbox"/>	<b>Byron, Eldridge</b> Chair	Schneider Electric eldridge.byron@us.schneider-electric.com	Smyrna TN, USA	
<input type="checkbox"/>	<b>Davis, Lary</b> Guest	Reuel Inc larry@reuelnc.com	Goldsboro NC, USA	<input type="checkbox"/>
<input type="checkbox"/>	<b>Edwards, Doug</b> Member	Siemens Industries, Inc. doug.edwards@ieee.org	Wendell NC, USA	
<input type="checkbox"/>	<b>Finley, Austin</b> Guest	Eaton Corporation austfinley@eaton.com	Greenwood SC, USA	<input type="checkbox"/>
<input type="checkbox"/>	<b>Giraud, Douglas</b> Member	Powell Electrical Systems doug.giraud@powellind.com	Houston TX, USA	
<input type="checkbox"/>	<b>Glaesman, Peter</b> Guest	Reuel, Inc. pwglaesman@ieee.org	Goldsboro NC, USA	<input type="checkbox"/>
<input type="checkbox"/>	<b>Gohil, Sahadev</b> Guest	AZZ/Central Electric Mfg. Co. davegohil@azz.com	Fulton MO	<input type="checkbox"/>
<input type="checkbox"/>	<b>Hanson, Jeffrey</b> Member	Schneider Electric wavesandfields@gmail.com	Cincinnati OH, USA	
<input type="checkbox"/>	<b>Joseph, Jacob</b> Member	Toshiba International Corporation jacob.joseph@tic.toshiba.com	Houston TX, USA	

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Subgroup: Committee Roster

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## Gas Insulated Switchgear Rated 1kV to 52kV

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<input type="checkbox"/>	<b>Mazumdar, Deepak</b> Guest	Central Electric Manufacturing Co. deepakmazumdar@azz.com	Fulton MO, USA	<input type="checkbox"/>
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