

**IEEE PES
SUBSTATIONS COMMITTEE
ANNUAL MEETING
KANSAS CITY
May 17 - 21, 2009**

SUBSTATIONS COMMITTEE OFFICERS (2009 – 2010)

- **Chair** **Hermann J. Koch**
Siemens

- **Vice Chair** **John D. Randolph**
Pacific Gas and Electric

- **Secretary** **Mike Dood**
Schweitzer Engineering Laboratories

These are the only persons who have to respond to IEEE regarding the L50-S annual financial report.

NEW SUBSTATIONS COMMITTEE OFFICER in 2009

Secretary for 2009-2010

- **Michael J. Dood, P.E.**
Integration Application Engineer
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SUBSTATIONS COMMITTEE OFFICERS

... continued

- **Past Chair** **R. S. (Bob) Nowell**
Georgia Power Company
- **Past² Chair** **Hanna E. Abdalla**
Arizona Public Service
- **Past³ Chair** **A. P. (Sakis) Meliopoulos**
Georgia Tech
- **Past⁴ Chair** **John D. McDonald**
GE Energy (IEEE Division VII Director)



POWER & ENERGY SOCIETY COMMITTEE REPRESENTATION

John McDonald

Power & Energy Editorial Board

R. S. (Bob) Nowell

Technical Council Organization and Procedures Committee

George Karady

Transactions on Power Delivery Editorial Board

John Randolph

Technical Council Technical Sessions Committee

Hubert Bilodeau

**Technical Council Awards Committee
PES Awards Committee**



POWER & ENERGY SOCIETY COMMITTEE REPRESENTATION continued

Hamid Sharifnia

Technical Council Standards Coordinating Committee

Wayne Litzenberger

Representation to Emerging Technologies

Jack Christofersen

Gary Engmann

Bruce Dietzman

**C2 National Electrical Safety Code
Subcommittee 3 - Electric Supply Stations**

Hanna E. Abdallah

**US National Committee of CIGRE
Study Committee B3- Substations**



NEW WEB SITE

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

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Power & Energy Society™

IEEE POWER & ENERGY SOCIETY / SUBSTATIONS

CHAIR

Hermann J. Koch
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SECRETARY

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News

Association MGMT System.

Next Meetings

-Kansas City, May 17 - 22, 2009
-Nashville Fall 2009 (Exact dates TBD)
-Montreal, Canada – May 16-21, 2010

****REQUIRES PASSPORT****

Past Meetings

IEEE-SA

Email Address Alias

Industry Calendar

International Committees

Awards Information

Albums of Pictures

Past Officers

SUBCOMMITTEES

SCB0 – Administrative Subcommittee
SCC0 – Data Acquisition, Processing, and Control Systems Subcommittee
SCD0 – Transmission and Distribution Substations Design Subcommittee
SCE0 – Transmission and Distribution Substations Operations Subcommittee
SCH0 – Recognition and Awards
SCI0 - High Voltage Power Electronics Stations
SCK0 - Gas Insulated Substations
SCM0 - Meetings
SCS0 - Standards

- [Organizational Chart](#)
- [Brochure](#)
- [IEEE Slide on Patents](#)

PASSWORD PROTECTED FILES Security Informati

2009 IEEE STANDARDS STYLE MANUAL

Please contact chaahr@segainc.com for assistance.

Webmaster: Chuck Haahr
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SUBCOMMITTEE / WORKING GROUP / TASK FORCE DESIGNATION

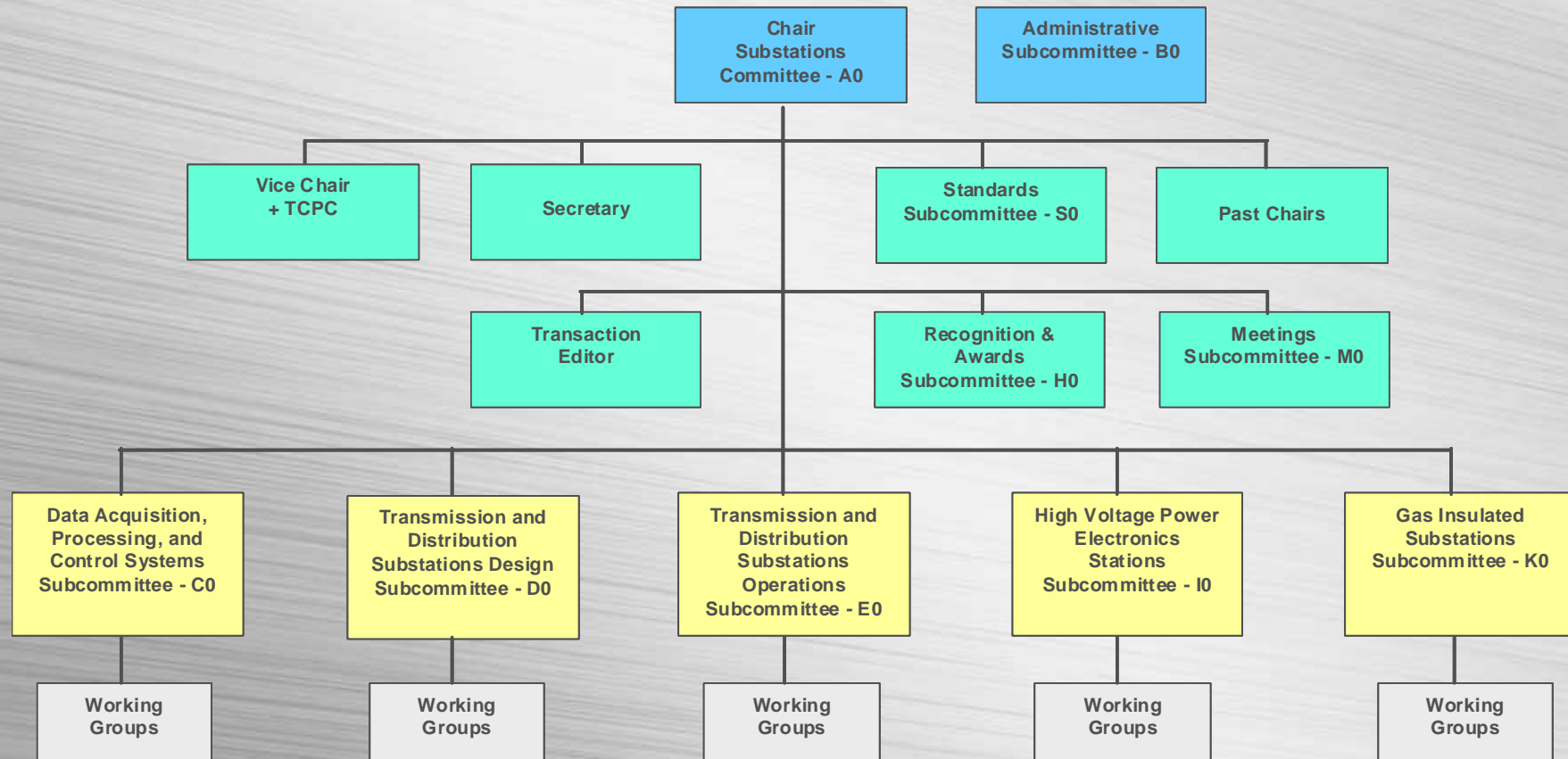
- **A0
MAIN COMMITTEE**
- **B0 - S0
SUBCOMMITTEES**
- **B1, C1, D1, E1, I1, K1
WORKING GROUPS**

SUBCOMMITTEES

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- B0 - ADMINISTRATIVE SUBCOMMITTEE
- C0 - DATA ACQUISITION, PROCESSING, AND CONTROL SYSTEMS SUBCOMMITTEE
- D0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS DESIGN SUBCOMMITTEE
- E0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS OPERATIONS SUBCOMMITTEE
- H0 - RECOGNITION & AWARDS SUBCOMMITTEE
- I0 - HIGH VOLTAGE POWER ELECTRONICS STATIONS SUBCOMMITTEE
- K0 - GAS INSULATED SUBSTATIONS SUBCOMMITTEE
- M0 - MEETINGS SUBCOMMITTEE
- S0 - STANDARDS SUBCOMMITTEE

SUBSTATIONS ORGANIZATION AND PROCEDURES



SUBCOMMITTEE CHAIRS

- B0 - Hermann Koch, Siemens
- C0 - Craig Preuss, Black & Veatch
- D0 - Ken White, Georgia Transmission Corporation
- E0 - Randy Clelland, BC Hydro
- H0 - Hubert Bilodeau, Hydro Quebec
- I0 - Christopher Horwill, AREVA
- K0 - Arun Arora, Consultant
- M0 - Diane Watkins, David Evans and Associates
- S0 - Hamid Sharifnia, PacifiCorp

REORGANIZATION of SUBCOMMITTEES D0, F0, and G0

- Reorganization of working groups from **D0, F0 and G0** into **D0 and new E0**.
- Motivation for this was to:
 1. Combine similar working groups.
 2. Eliminate F0 “West Coast” Subcommittee since it is not representative of the current members.
 3. Find new participants for the existing G0 working groups.

REORGANIZATION of SUBCOMMITTEES D0, F0, and G0

- **D0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS DESIGN SUBCOMMITTEE**
 - Chair Ken White
 - Vice-Chair
 - Secretary
- **E0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS OPERATIONS SUBCOMMITTEE**
 - Chair Randy Clelland
 - Vice-Chair Jean-Bernard Dastous
 - Secretary Debra Longtin

D0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS DESIGN SUBCOMMITTEE

- **D1 - RECOMMENDED CLEARANCES (Std 1427)**
 - No change to existing working group
- **D2 (F2) – CABLE SYSTEMS (Std 525)**
 - No change to existing working group
- **D3 - BUS DESIGN (Std 605)**
 - No change to existing working group
- **D4 (F1) - SEISMIC DESIGN (Std 968)**
 - No change to existing working group
- **D5 - DIRECT STROKE SHIELDING (Std 998)**
 - No change to existing working group
- **D6 (F0b) – SEISMIC INTERCONNECTIONS (Std 1527)**
 - No change to existing working group
- **D7 - SUBSTATION GROUNDING SAFETY (Std 80)**
 - No change to existing working group
- **D8 - SPECIFICATIONS FOR TURNKEY (Std 1267)**
 - No change to existing working group
- **D9 (New) – AC/DC Auxiliary Systems**
 - **Openings for vice-chair, secretary and members**

E0 - TRANSMISSION AND DISTRIBUTION SUBSTATIONS OPERATIONS SUBCOMMITTEE

- **E1 (G1) - COMMUNITY ACCEPTANCE (Std 1127)**
 - **Openings for vice-chair, secretary and members**
- **E2 (G2) - CONTAINMENT AND CONTROL OF OIL SPILLS (Std 980)**
 - **Openings for all positions and members**
- **E3 (F3) – FIRE PROTECTION (Std 979)**
 - No change to existing working group
- **E4 (D4) - SUBSTATION SAFETY (Std 1246 and 1248)**
 - No change to existing working group
- **E5 (G3) - ANIMAL DETERRENTS (Std 1264)**
 - **Openings for all positions and members**
- **E6 (D6) - GROUNDING TESTING (Std 81)**
 - No change to existing working group
- **E7 (G3) - PHYSICAL AND ELECTRONIC SECURITY (Std 1402)**
 - **Openings for secretary and members**
- **E9 (D9) - PERMANENT CONNECTIONS (Std 693)**
 - No change to existing working group

UNDER B0 ADMINISTRATIVE SUBCOMMITTEE

WG B5 – LIAISON

- **Chair – Arun Arora**
- Responsible to report to the Administrative Committee B0 about the activities of related PES Committee. Related Committees are:
 - C0 to PSCC,
 - I0 to T&D Committee
 - K0 to Switchgear Committee
- The Chairs of the related Substations Subcommittees are members of the B5 Liaison working group.
- A report is to be given at the annual Substations Committee meeting.

UNDER E0 TRANSMISSION AND DISTRIBUTION SUBSTATIONS OPERATIONS SUBCOMMITTEE

WG E1 – Community Acceptance Working Group

- **Chair – James Sosinski**

WG E2 - Containment and Control of Oil Spills

- **Chair – tba**

UNDER K0 GAS INSULATED SUBSTATIONS SUBCOMMITTEE

**WG K1.1 - PC 37.122.1 - Revision of IEEE Guide for
Gas-Insulated Substations**

- **Chair – Dave Solhtalab**

**WG K1.2 - PC 37.123 - Revision of IEEE Guide to
Specification for Gas-Insulated, Electric Power
Substation Equipment**

- **Chair – Venkatesh Minisandram**

- **IEEE-SA Review Committee (Rev Com)**
- **IEEE-SA Audit Committee (Aud Com)**
- **IEEE Standards Board**

Sam Sciacca

CEO

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Alternate for NESC SC3 Substations

- **Ken White, P.E.**

Senior Engineer - Substation Design

Georgia Transmission Corporation

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MEMBERSHIP TYPE COMPOSITION

- **COMMITTEE MEMBER: 76**
- **LIFE COMMITTEE MEMBER: 5**
- **COMMITTEE MEMBER-CORRESPONDING: 8**
- **ACTIVE PARTICIPANT: 358**
- **INTERESTED INDIVIDUAL: 381**

- **Totals: 828**

WHAT'S IN IT FOR ME?

An Energized Future

Get Involved! (You Can)
Participate! (You Can)
Contribute Your Knowledge! (You Can)
Share Your Experience! (You Can)
Volunteer! (You Should)
Make A Difference! (You Will)

Our Committee Needs You!