

**Meeting Agenda**  
**Administrative Subcommittee of the**  
**Transmission and Distribution Committee**  
**Calgary, Alberta**  
**Thursday, July 30, 2009**  
**CTCC North - Telus 101, 7:00-11:00**

## **1. Introductions**

In attendance were:

Tom Buonincontri (ESMOL)	Dan Sabin (Power Quality Subcommittee),
Andy Schwalm (Lightning and Insulators),	Juan Martinez (representing General Systems)
Glenn Davidson (Towers Poles and Conductors),	Satish Ranade (Vice Chair),
Robyn Taylor (HVDC/FACTS),	Tom Grebe(Chair),
John McDaniel (TCPC, representing Distribution),	Bill Chisholm (Secretary),
Gene Wolf, Past Chair / Vice Chair, Awards	

## **2. Previous Meeting Minutes**

Review and Approval of July 24, 2008 Meeting Minutes – The spelling of Schwalm (Andy Schwalm) is corrected.

## **3. Chairman's Report**

### **3.1 Current Meeting**

Tom Grebe attended meeting department – chaired by John Paseba – explanations of why and where meetings are held. Meeting arrangements will be split among several volunteers, one for each conference. The criteria for meeting locations were described. Current meeting 2180; 2215 for Pittsburgh 2009, 1800 for Tampa 2008. Technical committee meeting had 650 in Atlanta earlier in 2009, continuing the tradition of cross-over among committees for example capacitors / capacitor relaying.

IEEE are pleased with stability and growth in meeting attendance.

2010 Technical committee meeting is in Orlando, better of two responsive bids to the RFQ.

Presentation is on the distribution committee website. 60 peak parallel meetings with relatively low attendance (say 600 max) for room nights. Sunday to Thursday is a problem, hotels prefer two groups per week, Mon-Wed, Thurs-Fri. The commitment of people to stay at the "conference" hotel to count against the room night contract is not clearly spelled out, especially in Las Vegas where there are many cheaper options as an example.

There is no particular bias to move the locations around for example east/west alternation.

### **3.2 Organization and Procedures Manual Update**

Tom Grebe attended the O&P meeting, which focused on the new IEEE SA requirement to adopt a consistent set of operating procedures. The Transformers Committee trialed the adoption, leading to a 41-page document that was adopted at Technical Council where the existing (simplified) T&D O&P manual runs to five pages. Tom Grebe needs to complete the process of T&D O&P for completion by end of 2010. The revisions relate to liability and risk management issues. He will be supported by the Transformers group and also Mat Ceglia at IEEE SA. There will be two drafts, one for discussion at the 2010 technical committee meeting and a second for voting at the 2010 annual meeting in Minnesota.

### **3.3 Baseline Operating Procedures for IEEE Standards Working Groups – Individual Method**

Glenn Davidson condensed the five-page SA text into a few slides for presentation at the start of every WG/TF meeting that discussed standards.

### **3.4 New PES website; new PES e-commerce website to be linked in with development process.**

Steve Welch has moved from IEEE Press over to the IEEE Expert Now. This software and process will capture a spoken presentation over PowerPoint slides, prepare a script, have the script re-read professionally and the result posted in paid or free download on the IEEE Web Site.

3.5 Mel Olken, as editor of Power and Energy magazine, is always looking for content and Tom Grebe suggests that description of the T&D standardization activity could be relevant.

#### **4. Awards**

T&D Committee - IEEE Fellow Recipients

**Technical Committee Prize Paper Award:**

Voltage Sag and the Response of Distributed Generator: A Case Study, by Edward R. Collins, Jr. and Jian Jiang, which also won the PES prize paper award.

**Technical Committee Distinguished Service Awards:**

George Karady (recognized as a talented and dedicated educator and a tireless contributor to the T&D Committee of PES)

Gene Wolf (recognized for service and leadership of the T&D Committee)

**Technical Committee Working Group Recognition Award:**

Working Group on Modeling and Analysis of System Transients using Digital Programs - In the General Systems Subcommittee

Recognized for preparation of a WG report on Parameter Determination for Modeling System Transients,, published as a set of seven papers in the PES Transactions on Power Delivery.

Chair: Juan. A. Martinez-Velasco

Members: J. A. Martinez, R. Iravani, Taku Noda, R. Walling, B. A. Mork, Venkata Dinavahi, B. Gustavsen, D. Durbak, J. Marin-Arnedo, B. Johnson, C. Grande-Moran, J. Mahseredjian, B. Khodabakhchian, H. Hess, S. Filizadeh, M. Heidari, A. Mehrizi-Sani, J. Jatskevich, Pablo Moreno, Abner Ramirez

**Excellence in Power Distribution Engineering** Reigh Walling

**A.P. Seethapathy Rural Electrification Excellence Award** – William H. Kersting

**Douglas M. Staszkesy Distribution Automation Award:** Jack Li and Dean Craig.

IEEE Fellow Nominations are encouraged and need to be coordinated more carefully than in previous years.

IEEE Fellow Evaluation Process – Endorsers Cannot Evaluate, in other words no officer of the committee can evaluate. In one committee, this meant that it was not possible to evaluate any of the fellow nominees this year.

#### **5. Future Meetings**

Joint Technical Committee Meeting, January 11-15, 2010, Orlando, Florida ([www.pesttechnical.org](http://www.pesttechnical.org))

T&D Expo, 19-22 April, 2010, New Orleans

IEEE/PES General Meeting, July 25-29. 2010, Minneapolis, Minnesota, USA.

#### **6. New Business**

## **7. Officer Rotation**

Glenn Davidson moved and Andy Schwalm seconded that Robyn Taylor become the Chair of HVDC/FACTS. Motion approved.

## **8. Subcommittee Reports**

### **8.1 Distribution Committee**

CIREC – coordination with Distribution committee through John McDaniel

Distribution Reliability – about 40 in attendance

Feedback on plenary session tended to be negative relative to lack of balance in the presentation. The traditional use of several (three?) speakers is encouraged to provide dynamic tension among the speakers and viewpoints.

Cheri Warren remains chair of Distribution committee

### **8.2 HVDC and FACTS Committee**

Robyn Taylor will take over the chair from Ben Mereheban. 36 people, 5 different working groups met at the meeting. Dynamic Performance WG status paper – also benchmark test system. Starting to develop FACTS listing similar to HVDC project listing. Education – panel session intended for next GM similar to PSACE. Power electronics – integrating green energy using power electronics for next GM. Bibliography 2009 still in preparation with a few remaining holes in previous work. HVDC projects listing is posted and corrections are requested. Two guides, 1204 and 1124, are coming up for review and the re-affirmation process is underway.

Three presentations – de-icing, Altalink

### **8.3 Towers Poles and Conductors**

Glenn Davidson reported about 40 people in attendance. Highlights included Insulators 101 session, joint TP&C meeting with research results on bending of polymer core conductor.

With the passing of Frank Denbrock, a new PES representative to NESC SC5 will be organized by the TP&C subcommittee.

### **8.4 Power Quality**

Dan Sabin has taken over as chair effective Jan 1, 2009. There were 20 to 25 people at most meetings, relatively light compared to previous meetings. There are four standards coming up for ballot this fall: 519 (1992). Panel session to be organized for next meeting. IEEE 1453 has been finished and is being promoted. Panel session for T&D Expo planned. IEEE 1564 (indices) should be finished with final editing and balloting in fall 2009. IEEE 1159 is revised from 1995 version; Randy Collins has completed the work and would like to resign in favor of Tim Unruh Working Group on Monitoring Electric Power Quality.

Working Group Distribution Custom Power Guide P1409 has been in hiatus for a while but is also now proceeding towards ballot in fall 2009. This may overload the ballot pool but may also lead to coordination of comments related to common elements such as definitions.

ICHQP to be held in Italy in 2010.

New WG – Power Quality Issues in Interconnection – discussed but will be organized first as a TF to establish interest level. Erich Gunther will take lead at this time.

SCC22 – Jodi Hasz attended – decreasing interest as PQ subcommittee has taken on much of this coordination within PES. SCC22 only coordinates between IAS and PES. Recommendation is to disband SCC22 – approved at meeting (5) Bill Moncrief to write pro/con statement for proposed action item to Technical Council.

### **8.5 Lightning and Insulator**

Andy Schwalm reported that both Lightning and Insulator WGs had combo sessions, with lower attendance than normal. Document 1410 (Lightning Protection of Distribution Lines) is in D5 and ready to be balloted. P1243 will add considerable material on application of transmission line lightning surge arresters, relying on the insulators and TPC groups for advice on mechanical specifications. The Insulators WG presented a well-received Insulators 101 session for TPC.

The L&I is having some difficulty attracting and retaining younger members.

Masoud Farzaneh has been elected vice chair of the Subcommittee.

John McDaniel (Chair of Lightning) will move up into TCPC after P1410 is balloted.

Bob Gemanni will replace Al Bernsdorf as chair of the Insulators working group.

### **8.6 ESMOL**

Tom Buoncontri reported that attendance was average. Ed Hunt – Secretary to Vice Chair; Bob Bendall to Secretary. ESMO Construction show at National Grid, Providence Rhode RI, May 7-11 2011, sponsored by National Grid. IEEE 516 (Live Line Guide) accepted by Standards Board. P1654 for RF protection of workers also accepted. P1070 is in the stream for adoption early in 2010.

Issue related to schedule – Bird panel session - did not find optimal spot in program.

### **8.7 Capacitors**

Mark McVey reported that there were about 17 people in attendance – considered excellent, back on track. P1726 has been slow to progress but is now ready for balloting. IEEE 18 for shunt capacitor application 1531 is at RevCom after reaffirmation. Mat Celgia was helpful and this was appreciated by the WG. P1036 will be submitted to RevCom by this fall, with multiple changes in chair and ballots delaying progress.

### **8.8 General Systems**

Juan Martinez reported for Albert Keri, not attending the meeting. Five WGs met or will meet today at 2009 AM. Several task forces and papers in progress. Peter Lehn plans for a panel session at the next GM. WG on modelling and analysis has six TFs, one completed and ready to start a new task. The need for a standard on modeling guidelines is being considered. About 40 people attended the panel session.

Experience with Combo Sessions – it would be preferred to have the papers start first, with the WG meeting to follow. Most people were only there for the papers and did not stay around for the WG/TF meetings.

Ferroresonance – a practical guide is being prepared.

Bruce Mohr would like to initiate two task forces.

Field-measured overvoltages and analysis is a new WG with 15 in attendance, to discuss scope, compare and validate measurements and simulations.

### **8.9 Intelligent Grid Subcommittee now Intelligent Grid Coordinating Committee**

Mack Grady was the chair for T&D Subcommittee but this coordination function is now occurring at a higher level within IEEE. Distribution Automation is well represented at IGCC.

### **8.10 Integration of Renewable Energy into the T&D Grids**

Satish Ranade reported both WGs met, sponsoring a panel session (well attended) and short circuit modeling. Reigh Walling is chair. Nothing has been started in solar. Jens Schoene will provide liaison from Lightning WG to this subcommittee, co-sponsored by Reigh Walling and Bill Chisholm.

**Action item – Email descriptions of adopted standards to Mel Olken.**

## **9. Standards Activities**

Expiring PARs December 2009: C135.1 –, C135.30 Glenn Davidson has this under control, 977, 1048 – grounding, one year extension Tom Buoncontri, may be balloting prior to end 2009; 1651, 1656 – Wildlife Guards, chaired by Karen Riley, met in Atlanta Jan. 2009; 1678, 1681 unreported.

## **10. Technical Paper Reviews**

Papers for T&D Expo panel sessions are due late in August. There was discussion of going from 14 panel paper sessions down to 12 at Technical Council.

## **11. Subcommittee Website Status**

Existing listing of websites is maintained by Tom Grebe. Some subcommittee websites are not up to date and none presently conform to the new PES template. Webmaster training is to be provided as the new process and templates are rolled out. Committees with web sites that are presently out of date may be encouraged to be early adopters of the new PES web page format.

Every website should have a “last updated 2009 XX YY” line somewhere.

PES website presently has no forum for blogs, social sites.

## **12. Future Meeting Schedule**

Joint Technical Committee Meeting, January 11-15, 2010, Orlando, Florida  
T&D Expo, 19-22 April, 2010, New Orleans (Executive Only – no meeting room required).  
ICHQP to be held in Italy in 2010  
IEEE/PES General Meeting, July 25-29, 2010, Minneapolis, Minnesota, USA.  
PSACE April 2011  
Joint Technical Committee Meeting, Second week of January, 2011, Atlanta, Georgia  
IEEE/PES General Meeting, 2011, Last week of July, Detroit, Michigan, USA.

John McDaniel moves to close meeting, Mark McVey second.