

**Distribution Subcommittee
IEEE Summer Power Draft Meeting Minutes
January 22, 2004**

ADMINISTRATIVE

Chair Dan Ward called the IEEE Distribution Subcommittee meeting to order.

CHAIR REPORT – Dan Ward, *Distribution Subcommittee*

For the benefit of some of our members and some guests who may not have heard, our decision to meet in Orlando rather than San Diego was based on a commitment several of our members had made to DistribuTech prior to the PES decision on San Diego. When PES decided to meet the same week, they obviously couldn't be in two places the same week and so our members collectively agreed to go with Orlando.

Interest in the working group on distribution maintenance practices has dwindled to the point where Dave Gilmer and I agreed to dismantle the group for now. If there is renewed interest, we'll bring it up again at a Subcommittee meeting and scope out what needs to be done.

Reigh Walling's effort to take out a PAR dealing with system study issues involving distributed generation has met with criticism from SCC-21, who maintains they should sponsor the PAR rather than the T&D Committee. My recollection is that coordinating committees should coordinate; they should not in general make standards unless the technical committees decline to do so. We'll get some updates from Reigh and the T&D Committee on how this issue is resolved.

For their extraordinary efforts, several members of Cheri Warren's working group on system design will be given Certificates of Appreciation for their work. We can all be proud when this happens.

Several of us, including myself, are confused about the new meeting schedule. The Summer and Fall meetings (Denver and New York) are too close together that most of us have to pick one. The Winter meeting seems about right. Hopefully you'll discuss this and get a sense of which are our preferred meetings.

Don't forget the opportunity to attract new members. We have a lot of interesting activities that various working groups are developing and we can always need a few more members.

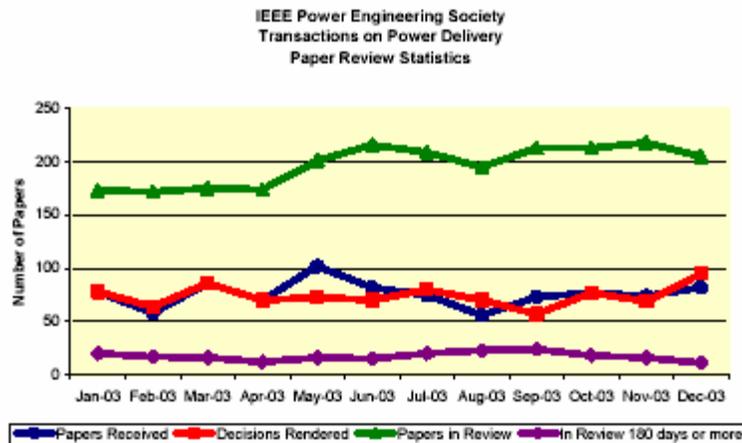
Have a safe 2004!

VICE CHAIR REPORT – John McDaniel, *Distribution Subcommittee*

Between July 2003 and January 2004, the subcommittee has been assigned a total of approximately 25 transactions grade papers to review. This is up slightly from the same period last year.

The review process is now entirely electronic. The web site for the entire process is

located at: <http://tpwr-d-ieee.manuscriptcentral.com/index.html>. About once a month I send out a list of papers that require review by the subcommittee to the members of the subcommittee. I'll ask for volunteers to review the papers. After someone volunteers I will assign them to review the paper(s) in the system. This will automatically generate an email to the reviewer giving them the web site's address. The reviewer then will log into the system and review the paper(s). If you do volunteer to review a paper, please make every effort to complete the review within a month. IEEE/PES has the goal of completing reviews within 90 days. As the paper may have been received up to a month before I ask for volunteers, those that do volunteer to review the paper should make every effort to review it in a timely fashion. If there are a sufficient number of reviews returned and the paper is approaching the 90-day limit, I will return the review with those that have been received. Overall, the Distribution Subcommittee is doing its part to meet the 90-day turn a round for reviews. Below is chart for the transactions that we review papers for.



Please make sure that your contact information is up-to-date on the membership list, especially your email address. Working Group Chairs, please make sure your membership list are up-to-date and if there are any new members, please send me the names and email addresses. This will help me keep the reviewer email list current.

T&D ADCOM San Diego Meeting

Attendance was down for the 2004 T&D Committee's winter meeting from the 2003 winter meeting. The meeting had 189 attendees and 23 companions for a total of 212 people, which was about half the attendance of the 2003 winter meeting. T&D was short 199 nights in sleeping room nights, which equates to being short 66 attendees (figuring 3 nights per attendees). Since the room numbers were short, IEEE/PES which sponsored the T&D Committee meeting, will now have to pay the hotel \$27,000 as an attrition fee.

Future Meetings

The ADCOM agreed to continue to meet at the PES General meeting for the main meeting. Of the options for the “second” meeting, the PES fall conferences offer the best solution to having a second meeting. PES would make all the arrangements for hotels and meeting rooms. It was also felt that having the Subcommittees holding independent meetings would not be in the best interest of the membership. The last option will not be viable without the guarantees of the Subcommittees (assuming they would sponsor the meeting in the first place). If the independent meeting is not sponsored by PES, the “second” meeting will be coordinated with the PES fall Power Systems meeting. Since T&D will have had two meetings in 2004 (San Diego and Denver), the 2005 meeting schedule will be the General meeting in San Francisco (June) and the fall *T&D Expo* in New Orleans (October).

The Vice-Chair of Meetings will begin working on the 2005 meeting schedule and negotiations with IEEE/PES. The goal will be to have an answer at the General meeting in Denver.

Six New Functional Coordinators Positions within Each Subcommittee

There have been a lot of problems in the areas of paper review, panel sessions planning and meeting room requests over the past few years. Some confusion has also arisen by not having a person to call other than the Subcommittee chair. To eliminate future problems, each subcommittee needs to have dedicated persons to the following positions. The positions are:

1. Transaction paper Review Coordinator (exists)
2. Conference Paper Review Coordinator
3. Panel Session Coordinator
4. Web Coordinator
5. Meetings Coordinator (i.e. room requests)
6. Standards Subcommittee Member

This would also allow places for new people to enter into the subcommittees. They would be functional positions and not officers.

- #1 reports to the T&D Vice-Chairman
- #2 & #3 reports to the TCPC.
- #4 reports to Web Coordinator
- #5 reports to T&D secretary
- #6 reports to the Standards Subcommittee

The committee wants a name in each of the boxes from each subcommittee. It is the goal of the T&D Committee that there will not be the same name in each of the six boxes. These individuals should be identified and functioning in their respective positions prior to the Denver meeting. Mack Grady requests that the subcommittee chairmen notify him of the names by April 15.

The motion was moved and approved by all the members.

Notes from the IEEE Distribution Subcommittee Meeting Orlando, January 22, 2004

John Macdonald, the PES president elect, attended our meeting and took the opportunity to respond to all issues the group raised. He started with a recap of the governing board meeting that was held in San Francisco on January 22, 2004.

John noted that the attendance in San Diego at the Winter Technical Meeting (WTM) was 240 this year versus 370 last year. It was not as bad as originally forecast. Last year the Governing Board (GB) met in Las Vegas, this year in San Francisco, and they decided to meet at the WTM next year. Governing board members liked meeting at the same location as the members and will plan to do that in future.

There was considerable discussion at the GB meeting surrounding meetings and in particular the WTM. They discussed the possibility of expanding the WTM to include other committees such as Hyrdo, SCC-21, relay, etc. Adding more committees would insure that the meeting would be profitable and might entice others to attend. There may also be opportunities to have joint paper sessions or evening gatherings amongst the committees. The WTM offers the unique opportunity as the one venue where the only activity is working group participation. The General Meeting has all the PES regalia plus papers and panels, the T&D and PSEC meetings have show floors as well as papers and panels.

The GB decided to host a WTM starting next January. Each Committee/Subcommittee should decide which meetings they want to attend and then let IEEE know the decisions. Obviously, the GB would like people to attend the WTM, but it is still up to the committee.

Our group indicated that they were most interested in setting a schedule that included the WTM and the General Meeting, but that an e-mail to members would be sent asking their opinions. That would give us 6 months between meetings as opposed to a 3month/9month schedule with the GM and either the T&D or PSEC. We also noted that we would prefer to go to Orlando or Vegas for the WTM to save money on flights and hotels.

Upcoming meetings include:

GM – Denver June 2004

GM – San Francisco 2005

PSEC – NYC October 2004

T&D – New Orleans October 2005

T&D – Chicago October 2007

T&D – Orlando October 2009

John had participated in a student survey. The vast majority of new graduates didn't find PES useful because they perceived it to be very academic. We need to change the perception and show value to members.

A long discussion surrounding new members ensued. The concept of an orientation was raised. John related the Substations Committee approach. They meet once a year at a general meeting. On the Sunday before the opening reception, there is an orientation for new

members. Each working group chair talks for 5-10 minutes about their activities. They help new people understand the meeting layout.

We should try this approach. Our members noted that new members have a very difficult time attending our meetings because they do not understand the format or how we conduct business. In CIGRE, you must be invited to attend the WGs. Some folks think this is true with IEEE.

We also discussed the difficulties in understanding the standards process. John recommended we ask Karl Mortensen to give us an over view of the process at one of our meetings.

Scott Peele also raised the nomenclature issue. The numbering of our standards is random. It would be helpful if we could use a system that was logical.

Reigh Walling raised the SCC 21 issue. John explained that there are two types of standards coordinating committees (SCC). A Type 1 SCC is a forum for gathering information. A Type 2 SCC can write standards and serve as a clearing house for all related activities. SCC-21 is the coordinating committee for distributed generation (DG) who has veto power on all matter related to DG. As such, they would like us to disband our PAR on interconnection of DG to distribution systems. Instead, they would like us to work with them on the issues. Reigh will find an appropriate way to continue the work with them.

LIAISON REPORTS

Insulated Conductors

No Report

Power System Relaying

No Report

Surge Protective Devices

No Report

Power Quality

No Report.

Switchgear

No Report

Transformers

No Report.

SCC 21

No Report.

STANDARDS ACTIVITIES

ANSI C84.1

No Report.

NESC

No Report

NEMA

No Report.

WORKING GROUP REPORTS

SYSTEM DESIGN – Cheri Warren, Chair

Certificates of Appreciation were presented to a few of our members who gave extraordinary efforts during the development of the Major Event Definition. Those receiving the Certificates were: Cheri Warren, Jim Bouford, Rich Christie, John McDaniel, Rodney Robinson, Dave Schepers and Charlie Williams.

TASK FORCE ON RELIABILITY INDICIES

P1366 passed on the recirculation ballot and was approved by RevCom in early December. This means that the guide has received approval by the IEEE-SA and will be published in 2004. It should be known as 1366-2003. It will take IEEE-SA about 6 months to publish the Guide. All those who's were members of the Task Force will receive a complimentary copy from IEEE.

Letters were sent to all of the state's Commissioners describing IEEE Std. 1366-2003 and the MED. Those who worked on the MED were listed as contacts for questions or explanations.

TASK FORCE ON REPORTING PRACTICES

Don Hall discussed the submittal of the Task Force PAR to IEEE Distribution Committee. The group discussed the scope and purpose for the Guide. The group agreed that we needed to reevaluate the concept of the guide and ultimately agree that the three targets of the Guide, at this time, are (1) Data Collection, (2) Data Validation, and (3) Data Storage. We need to focus on the minimum guide necessary to support 1366. We need to develop a framework.

It was agreed to by the group to focus on the above three key targets areas, at this time, and remove the "Usage of Information Gathered" section. Based on this discussion, the current PAR will be pulled for consideration and revised to be in-line with the current focus of the group and resubmitted to IEEE.

TASK FORCE ON RELIABLE DESIGN

Charles Perry (cperry@epri-peac.com), TF chair, hopes to get the TF going. A Panel Session for 2005 General meeting or 2005 T&D Conference was discussed. Panelist will be: Charles Perry – Over Current Protection, John McDaniel – Lightning Protection, Betty Tobin – Loop – Radial system, Charlie Williams – New Protection scheme and possibly Richard Brown. Panelists are to send their title and short description of topic to Charles Perry via email.

The group will consider compiling a Bibliography of documents that cover this topic. Charles will head this effort up with assistance from Cheri Warren and others. A motion to put together

Bibliography was made by Jim Bouford with a second from Betty Tobin. PRSC put together similar Bibliography. It was pointed out that this does not have the Jim Burke type papers in it.

SWITCHING AND OVERCURRENT PROTECTION – Betty Tobin - Chair

The Working Group on Switching and Overcurrent met on Tuesday, January 22, 2004 from 8AM to 9:30 AM.

The Task Force on Distribution Networks is finalizing the Netowrk Tutorial.

Work is proceeding on the Guide for application of 3 phase FCIs and the Test Guide for FCIs. It will take at least 1 year to complete these guides.

We are looking into several topics for possible W.G. papers – fusing guidelines for distribution transformers, the application of sectionalizers on distribution circuits, and hot to determine which distribution feeders are best suited for remote switching.

Panel Presentations

There were three panel sessions planned. They wree: Task Force on Reliable Design (2005 General Meeting or 2005 T&D), Distributed Resource Integration (2005 General Meeting) and System Performance (2005 General Meeting or 2005 T&D).

Distribution Automation – Anil Pahwa - Chair

No Report

Distribution International Practices – Antone Bonner - Chair

No Report

Distribution Maintenance Planning – Dave Gilmer - Chair

No Report

Distributed Resources Integration – Reigh Walling - Chair

No Report

Electrical Testing of Wildlife Protectors– Mike Lynch - Chair

No Report

Distribution System Performance – Scott Peele – Chair

No Report

Appendix: Current Membership Roster

Chair: Ward, D., Richmond, VA
Vice Chair: McDaniel, J., Belleville, MI
Secretary: Tobin, E., Seattle, WA

Ardrey, G., Beloit, WI
Banting, J., Pewaukee, WI
Barker, P., Schenectady, NY
Bonner, A., Franksville, WI
Bouford, J., Northborough, MA
Burke, J., Cary, NC
Capra, R., Lafayette, CA
Chebli, R., New York, NY
Clinard, K., Sammamish, WA
Conrad, L., Plainsfield, IN
DeNardo, C., Milwaukee, WI
Ehrlich, R., Kennett SQ, PA
El-Keib, A., Tuscaloosa, AL
Fijnvandraat, C., Andover, MA
Gentile, T., Westborough, MA
Gilmer, D., Craig, CO
Grainger, J., Raleigh, NC
Hensel, D., Jackson, MI
Horman, D., Salt Lake City, UT
Juj, H., Seattle, WA
Landman, B., North Hampton, NH
Lynch, M.,
Makal, J., Pewaukee, WI

Mancao, R., Lusby, MD
McDermott, T., Jefferson Hills, PA
Mejdrich, R., Citrus Heights, CA
Oedemann, R., Philadelphia, PA
Pahwa, A., Manhattan, KS
Pearson, D., San Francisco, CA
Peele, S., Raleigh, NC
Pinto Jr., Harry, Medford, NY
Redman, J., West Orange, NJ
Robinson, R., Topeka, KS
Sabin, D., Knoxville, TN
Saint, Bob, Arlington, VA
Sheehan, M., WA
Short, T., Schenectady, NY
Smith, D., Wilmerding, PA
Stepniak, F., Hackettstown, NJ
Tengdin, J., San Clemente, CA
Vogel, S., New York, NY
Vollkommer, H., Columbus, OH
Walling, R., Schenectady, NY
Warren, C., Albany, NY
Welch, G., Raleigh, NC
Williams, C., Maitland, FL