



**MINUTES**  
**TECHNICAL COUNCIL MEETING NO. 98**  
**Boston, Massachusetts USA**  
**Back Bay C**  
**Wednesday, July 20, 2016, 12:00 PM – 6:00 PM**

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### **Safety and Housekeeping**

- Safety instructions were provided by the Sheraton, Boston hotel staff.

### **Technical Council Awards**

- The following technical council awards were announced by Jeff Nelson
  - Young Professional Award – Claire Patti
  - Distinguished Service Award – John Tengdin.
- The following technical council award were presented by Jeff Nelson
  - Distinguished Service Award – Pouyan Pourbeik
  - Technical Committee of the Year Award – EDPG – Mike Basler.

### **Administrative Topics**

- Meeting called to order by the Vice Chair, Farnoosh Rahmatian at Noon EDT.
- Introduction of members and guests
  - See attachment A for attendance roster.
- Approval of agenda.
- Approval of minutes: Meeting 97 – Memphis, TN
  - Minutes were approved unanimously as submitted, moved by John McDaniel and seconded by Jeff Nelson.
- Action items from last meeting – Vittal reported that several committees had not provided information regarding Marketing/Public Relations Representative and if no representative was designated the Chair would be considered to be the representative. Vittal also reminded the committees to provide informational items on committee activities to post on the website.
- Updates for Technical Committee Rosters



- Vijay Vittal requested the TC members to update the officer's list in the Excel roster file and send to Vijay Vittal.
- Technical Committee Meetings Calendar
  - PES Tech Council are now placing the technical committee meetings on the PES calendar. Please forward technical committee calendars to Vijay Vittal and include, Names, Dates, Location and Contact.
  - The Tech Council will meet November 3 and 4 in Charlotte, NC for its biennial planning retreat.
- Annual Reports
  - Annual reports are vital to market our output and expertise. Farnoosh Rahmatian reported that the annual reports are due Jan 31, 2017. An updated template has been added to web page. Please use this template for any future reports. [http://ieeepes.org/images/files/doc/tech-council/Annual\\_Report\\_Template\\_2016.docx](http://ieeepes.org/images/files/doc/tech-council/Annual_Report_Template_2016.docx) or [http://ieeepes.org/images/files/doc/tech-council/Annual\\_Report\\_Template\\_2016.doc](http://ieeepes.org/images/files/doc/tech-council/Annual_Report_Template_2016.doc).

## **Special Topic**

- Doug Houseman reported on an effort to set-up an undergraduate and MS student scholarship in the memory of Eric Gunther. He requested TC members to approach their employers and identify companies that would be willing to provide funds to support the scholarship

## **Topics from the PES President & Executive Director**

- Damir Novosel summarized his presentation entitled “Paving The Way for Grid Modernization.” He also highlighted the following issues:
  - Make IEEE PES more relevant to industry engineers
  - Promote benefits update on meeting with DOE
  - Action items in DOE meeting relating to metrics
  - Ascertain that technical committee work gets value
  - Tutorials on selected standards – Need technical council discussion to select standards to promote via tutorials
  - Hold more industry focused conferences with workshops, tutorials and panel sessions
  - Need for increased engagement of global community in working groups – experiment with the idea of a satellite working group
  - Engagement of certain technical committees with other customers like shipboard systems or aircraft systems – AIAA



- Standards Entity Model – Try to find an approach to bridge the gap and be more flexible in trying to meet the needs of other people
- See Attachment C for complete presentation.
  
- Pat Ryan reported on the rapidly growing use of the resource center. He indicated that the resource center now has a new batch of technical reports
  
- Saifur Rahman added that in order to make PES more relevant to the practicing engineer it is important to focus attention on case studies and best practices in some of the work being done by the technical committees

### **Topics from the Officers**

- GM 2017 Planning - Farnoosh Rahmatian indicated that the TCPCs met on Tuesday July 19 and planning is progressing well. The next meeting of the TCPCs will take place at the JTCM in New Orleans on Jan 9, 2017.
  - Bill Cassel pointed out that the TCPC guidelines were available and copies have been emailed to the TCPCs. He asked TCPCs if they all have it. During the ensuing discussion it was pointed out the TCPC guidelines should be sent to the technical committee chairs to help with continuity. Bill Cassel will send the TCPC guidelines to Vijay Vittal to forward to the technical committee chairs. See Attachment C for the guidelines
  
- GM 2016
  - Bill Cassel reported that the transactions paper sessions did not have much attendance. He also indicated that the availability of rooms for the meeting was limited. In the ensuing discussion it was suggested that tutorial should be held on Sat, Sun or Thurs. Limit transactions paper presentation by including them in a Trans. Paper forum to be held on Wed evening. It was also reported that a survey on GM reorganization will be conducted. There was suggestion made to hold a poster session on working group papers, tutorials on standards – **Action Item for Farnoosh** – Send out call for Poster Session for WG papers or standards – Same deadline as for Conference Paper Acceptance – March 1 – This will be a deadline for commitment. Deadline for committee meetings – November 7. Plan on PES Standards Tutorial – Five for each year. Money is being set aside for this activity for 2017 and 2018. Interested committees could also present these tutorial on standards at ISGT or GM. Funding decision will be known by Friday 7/22/2016. During the discussion a suggestion was also made to consider



putting some money into making a video on the standards presentation or doing a webinar and saving it.

## **Standing/Coordinating Committees**

- Technical Council Awards Update
  - Jeff Nelson, the Technical Council Awards Chair, announced a deadline of Dec 1 for nominations from the Technical Committees for all Technical Council and PES Technical Committee awards. For the 2017 PES Level Technical Committee awards for transactions papers, standard/guide and technical report, the document must have been published in the timeframe of October 1, 2013 through September 30, 2016. By November 1, the Editors-in-Chief of the six PES Transactions Journals can submit their nomination for prize paper and a list of other papers to be considered for Prize Paper by the Technical Committees. (Technical Committees can choose a transactions paper not on the list from EICs). The decision on awards related to transaction papers, standards/guides and technical reports will be made by February 15, 2017.
  
- Standards Coordination Committee
  - Ted Burse indicated that there are presently 560 Standards and 270 Active PARs sponsored by PES.
  
- Organization & Procedures Committee
  - V Vittal gave a report on the O&P Committee meeting held on Tuesday 7/19/2016. He reported that all of the new or modified O&P manuals were unanimously approved without any change except for three committees for which a conditional approval was given based on the removal of certain items. These committees have been informed of the changes required.
  
- Technical Sessions Committees
  - This meeting will occur on 1/9/2017 at the JTCM and will be chaired by Farnoosh Rahmatian.
  
- Emerging Technologies Coordinating Committee (ETCC) and Intelligent Grid Coordinating Committee (IGCC)
  - Doug Houseman made a request to update the PES Technology Paper. He indicated that he is seeking younger members of technical committees to do this. The main theme will be Emerging Technologies for the Utility Industry.



- Marine Systems Coordinating Committee
  - No report.
- Wind and Solar Power Coordinating Committee
  - Deb Lew indicated that there is high interest in the activities of the committee. She also indicated that she will serve as a co-liaison with SCC21.

### **Topics from Technical Committee Chairs**

- Two topics of concern were raised based on the experience at GM16.
  - There is a need to provide microphones at large panel sessions. This issue needs to be taken back to the steering committee
  - Another issue which was raised is that poster session paper numbers in the program do not line up with the number provided at the actual poster session. There appears to be some problems in actually locating the paper at the poster session.

### **Fellows Committee Update**

- See update from Sharma Kolluri in Attachment D.

### **Re-Organization of Committee Structure**

- J. Nelson reported that there were 15 attendees at the town hall on the reorganization. He also indicated that the update of the Technical Council O&P manual should be taken up as the next action item.

### **Technical Council Retreat Action Items**

- Farnoosh indicated that any new items for the retreat should be sent to Miriam Sanders



- Slide or flyer for each technical committee should also be sent
- Executive outreach has been an important goal from the PES Governing Board and in PES level Long Range Plan.
- External coordination needs work/support, but PES and IEEE-USA has entered into an MOU with the U.S. Dept. of Energy to provide technical input to the DOE. PES staff is also working with the IEEE-SA in their efforts to sign an MOU with NERC.
- Entity ballot – Need some consistent guidelines on how technical committees deal with requests.
- Leadership/Member training
  - Ron Hotchkiss indicated that work is progressing on this topic and the material for training will be ready for the retreat.
- International involvement and presence
  - In this regard Prof. Stefano Massucco was identified as an individual to promote international involvement and presence. He has not been contacted by anybody on the Technical Council.
- Best practices for standards development
  - Ted Burse reported that the guidelines for training of Sponsor Chair or Working Group Chair is ongoing. The items to be included will be prioritized by the end of the year. The IEEE staff has produced an excellent reference guide for WG Chairs - [http://standards.ieee.org/develop/policies/ieee\\_sa\\_toolkit.pdf](http://standards.ieee.org/develop/policies/ieee_sa_toolkit.pdf)

## **Resource Center**

- Jeff Nelson indicated that he was looking for input to lower costs.

## **IEEE 1547 Update**



- Paul Heitmann gave an update. See Attachment E for full presentation

## **Liaison Reports**

- IEC Liaison – J. Haasz
  - See Attachment F for report.
- IEEE SA – Presentation on AudComm by Lisa Molder
  - See Attachment F for report
- NASPI – J. Dagle
  - See Attachment G for report.
- CIGRE – J. McDonald
  - No report.
- SCC21 – Chris Searles and Deb Lew were identified as Co-Liaisons. Presentation by Chris Searles
  - See Attachment H for report.
- Sensors – Harold Kirkham was identified as liaison. No report.

## **Technical Council Task Forces**

- Geo Magnetic Disturbances – Steve Antosz will dig up final version of the report from the Transformers Committee and send it to Farnoosh.

## **Other Business/Future meetings**

- Old business – See IEEE Future Directions Report – A.R. Parashis – Attachment I
- New business – None.
- Next Meetings



- 2017 JTCM – New Orleans, LA January 8-12, 2017
- 2017 GM – Chicago, IL July 16-20, 2017.

## **Meeting Adjourned at 6.15 PM**

## **ACTION ITEMS**

### **Action Items from IEEE PES Technical Council**

#### **July 20, 2016 Boston**

1. From each technical committee, please send at least 1 and as many as 3 technical contributions of promotable interest to the technical council officers semi-annually.
  2. Farnoosh to send out call for Poster Session for WG papers or standards – Same deadline as for Conference Paper Acceptance – March 1 – This will be a deadline for commitment
  3. Steve Antosz will dig up final version of the report on GMD from the Transformers Committee and send it to Farnoosh.
  4. Technical Committees to submit proposals for tutorials for the 2017 ISGT and GM conferences by August 22
  5. Technical Committees to submit proposals for 2017 GM Panel Sessions during the submission timeframe in November 7, 2016.
  6. Technical Committees to submit award nominations to Jeff Nelson by Dec 1, 2016.
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