

**MINUTES**  
**TECHNICAL COUNCIL MEETING NO. 87**  
**Atlanta, Georgia, USA**  
**Thursday, 13 Jan 2011**

1. Introduction of members and guests

Meeting called to order by the Chair, Damir Novosel at 8:00 AM EDT. See Appendix A for attendance roster.

2. Approval of agenda

Agenda was approved.

3. Approval of minutes: Meeting 86 - Minneapolis, MN

Minutes of TC Meeting 86 in Minneapolis on 28 July 2010 were not ready for review and approval. They will be submitted for approval at the July 2011 meeting in Detroit.

4. Updates for Technical Committee Rosters & Meeting Schedule

Please send 2011 changes to Jeff Nelson.

5. Technical Council Officer Rotation          Damir Novosel

Damir Novosel is now Chair and Jeffrey Nelson is the Vice-Chair. The new Tech Council Secretary is Mani Venkata.

6. Action Items          Damir Novosel

- Roster updates to Tech Council Secretary
- Anil Pahwa- Request for TF on asset management w/ potential chair
- Damir - New Awards Chair? Better identify awards opportunities in the O&P manual. Contact Rama.
- Ask all committees to invite local PES chapters, IEEE sections, and universities to their meetings. Need to work with Malia, Chapters VP
- A script letter from Tech Council for TCs to use to invite local groups with a process on how to identify local chapters
- Branislav Djokic - Review the scope of the Emerging Technologies CC and what their main objectives should be.
- Jeff Nelson - Get with Mick Maytum about putting roster on web page under password protection
- Jeff Nelson - Get with Mick Maytum about posting Technical Council and standing committee minutes on the web page
- Jeff Nelson - Meetings & Marketing Committee. Ask for support from PES for marketing.
- Damir - Request for reviewer from Tech Council for Smart Grid newsletter.
- Bill Bartley - Follow up on lightning protection document be developed in Substations Committee that has some requirements that T&D doesn't agree with.

7. PES President and/or Executive Director            Al Rotz/Pat Ryan

Thoughts from Damir in Al's absence:

- Thoughts on scheduling of JTCM & ISGT. Consensus seems to be to hold the two meetings in the same week and same city. Question raised, "have we overdone smart grid at this point." Thoughts from Damir in Al's absence:
- Forefront of energy topics and emerging technologies (smart grid, renewables, sidt gen, electric vehicles, storage, etc.) Discussion on goal to have more new conferences on topics such as renewable energy, carbon capture and sequestration, electric vehicles, storage. We are not marketing what we are doing in these areas well enough. *(Comments)* **Rick/Damir**, encourage the committees to market their work by looking for opportunities to present that to appropriate audiences. **Paula Traynor**, suggest we use the web site more. Potentially use PES e-commerce site share this info (check with Pat Ryan on providing this material to PES members for free.) **Bill Cassel**: suggest our mission should be to implement smart grid, not overview discussions on what smart grid is. **Satish Arggawal**: stated high interest in topics like smart grid can require conferences on the specific issues (Countries around the world are asking PES for conferences on these important topics.) Most major cities in the world have a PES chapter so we need to have PES groups involved in those areas (Need to have involvement with universities to attract young people.) **Jim McConnach** stated we are having trouble getting volunteers as it is, so we can't be all things to all people. **Ken Edwards**: We need to move ahead of the game in preparing for the topics of the 2012 GM and we need to promote what we do more. Put more emphasis on inviting local chapters to PES meetings, committee meetings and others.
- Coordinate Smart Grid and other emerging technologies with other technical committees and IEEE societies.
- Improve the effectiveness of technical committees and meetings. Determine Technical Committee scope and structure changes required to support emerging needs and technologies. Coordinate all emerging technologies initiatives with Technical Committees and ETCC. Coordinate conferences related to emerging technologies with other PES conferences to avoid overlaps and improve effectiveness. Tech Council needs to do a better job coordinating/removing overlaps in scope between Technical Committees. *Comment:* **Satish Arggawal**: Tech Council should identify all emerging technologies and ask each TC what are they doing to address these technologies.

8. Review of and Discussion on 2011 GM Planning and Structure            Jeff Nelson/Damir Novosel

Brief discussion on technical session schedule. Suggestion to coordinate panels better for planning the meeting. Could be another issue with overlaps in scope.

Feedback on the 2011 planning will be discussed in Detroit at the Technical Sessions committee meeting.

9. Presentation on IEEE-SA supporting PES Standards    Noelle Humenich

See Appendix B for presentation.

10. Liaison Reports

No Liaison reports were given at this meeting.

11. Technical Sessions Committee                      Jeff Nelson

Technical Sessions Committee meeting will be Thursday afternoon at the JTCM.

12. Meetings & Marketing Committee                  Jeff Nelson

Will have a meeting in July. Need input before the meeting on ideas for marketing Technical Committee output.

Ken Hotchkiss commented that the Surge Protective Devices Committee has a marketing arm that reaches out to companies.

13. Organization & Procedures Committee    Jeff Nelson

Jeff Nelson and Bill Bartley, Standards Coordinating Committee Chair, attended the Dec meeting of the IEEE-SA Audit Committee (AudCom) to obtain a better understanding of what AudCom requires for sponsor procedures for standards development. Also in attendance representing PES at the AudCom meeting were Bill Long, Switchgear Committee Chair; Ted Olsen, Switchgear Committee Secretary and AudCom member; and Ted Burse, Switchgear Committee Past-Chair and IEEE-SA Board member.

As O&P Comm. chair, Jeff Nelson committed that each technical committee that develops standards will develop a process & procedures (P&P) document for standards development by the committee (or sponsor) for submittal to AudCom. All other technical committee activities can be put into our normal Organization & Procedures Manuals (O&P Manuals). Also, we have to develop a set of Working Group P&Ps. The O&P Committee will discuss potential options for Working Group P&Ps at the July 2011 meeting in Detroit.

14. Policy Development Coordinating Committee                      Jim McConnach

A motion was made by Jeff Nelson to disband the Policy Development Coordinating Committee and handle new policy statements with ad hoc Task Forces as needed. The motion was seconded and approved.

The final responsibility of the PDCC will be the sponsorship of the Energy and Environment Super Session at the 2011 GM in Detroit.

15. Topics from Technical Committee Chairs by Exception

- John McDaniel, T&D Committee - A lightning protection document in Substations Committee has some requirements that T&D doesn't agree with. It is being handled at the Committee level at the moment.
- IEEE 1050 will be withdrawn. Satish Aggarwal blocked it because the standard is used by NPEC. Need to get with Matt Ceglia and Bill Bartley. Bill Chisholm said this standard should be identified as a smart grid standard. This standard is under EDPG and Om Malik will get with their Standards Coordinator.

- With the growth and use of internet, some committees may want to use these facilities but don't have resources for meetings. Should PES provide support to committees for this where needed? Damir will check with Gov Board about funding for this support. SPD made a similar request to IEEE-SA for standards development.

## 16. Other Business

Feedback on meeting:

- Make sure notice goes out a little sooner.
- Try to improve teleconference facilities. Quality of audio, etc. Bill chisholm said one group used Skype, but that requires strong internet connection. Overall they could follow it most of the time.
- Time is compressed at end. Need time to address roundtable issues at the end.
- Ask for written report for some on the agenda.

## 17. Future Technical Council Meetings

- 2011 GM - Detroit, Michigan
- 2012 JTCM - Anaheim, California
- 2012 GM - San Diego, California

Meeting Adjourned by the chair, Damir Novosel

Minutes submitted by  
Jeffrey Nelson  
Vice-Chair, Technical Council

## APPENDIX A

### Technical Council - Meeting Attendance

Technical Council Members Represented: Present 16 Absent 12  
 Guests: 5

P - Present (Use T if present via telephone)  
 A - Absent

P	A	Committee	Name	Alternate
P		Technical Council	Damir Novosel - C	
P			Jeffrey Nelson - VC	
	A		Mani Venkata - S	
P			Rick Taylor - PC	
	A	Electric Machinery	Michael Brimsek - C	
			Mike Sedlak - VC	
T		Energy Development & Power Generation	Lou Wozniak - C	
T			Om Malik - VC	
	A	Insulated Conductors	Rachel Mosier - C	
			John T. Smith - VC	
P		Nuclear Power Engineering	Satish Aggarwal - C	
			George Ballassi - VC	
	A	Power System Analysis, Computing & Economics	Sandoval Carneiro - C	
			Dagmar Niebur - VC	
		Power System Communications	Frances Cleveland - C	
P			Dan Nordell - VC	
	A	Power System Dynamic Performance	Nikos Hatzargyriou - C	
			Juan J. Sanchez-Gasca VC	
	A	Power System Instrumentation & Measurements	Rejean Arseneau - C	
			Farnoosh Rahmatian - VC	
P		Power System Operations	Bill Cassel - C	
			Antonio Conejo - VC	
		Power System Planning & Implementation	M. L. Chan - C	
P			Anil Pahwa - VC	
P		Power System Relaying	Robert Pettigrew - C	
			Roger Hedding - VC	
	A	Stationary Battery	Jeffrey LaMarca - C	
			William Cantor - VC	
P		Substations	John Randolph - C	
			Mike Dood - VC	
P		Surge Protective Devices	Ken Brown - C	Ron Hotchkiss
			Tony Surtees - VC	
P		Switchgear	Ken Edwards - C	
			Ted Olsen - VC	
P		Transformers	J. Edward Smith - C	
			Bill Chiu - VC	



## APPENDIX B

Presentation on IEEE-SA supporting PES Standards

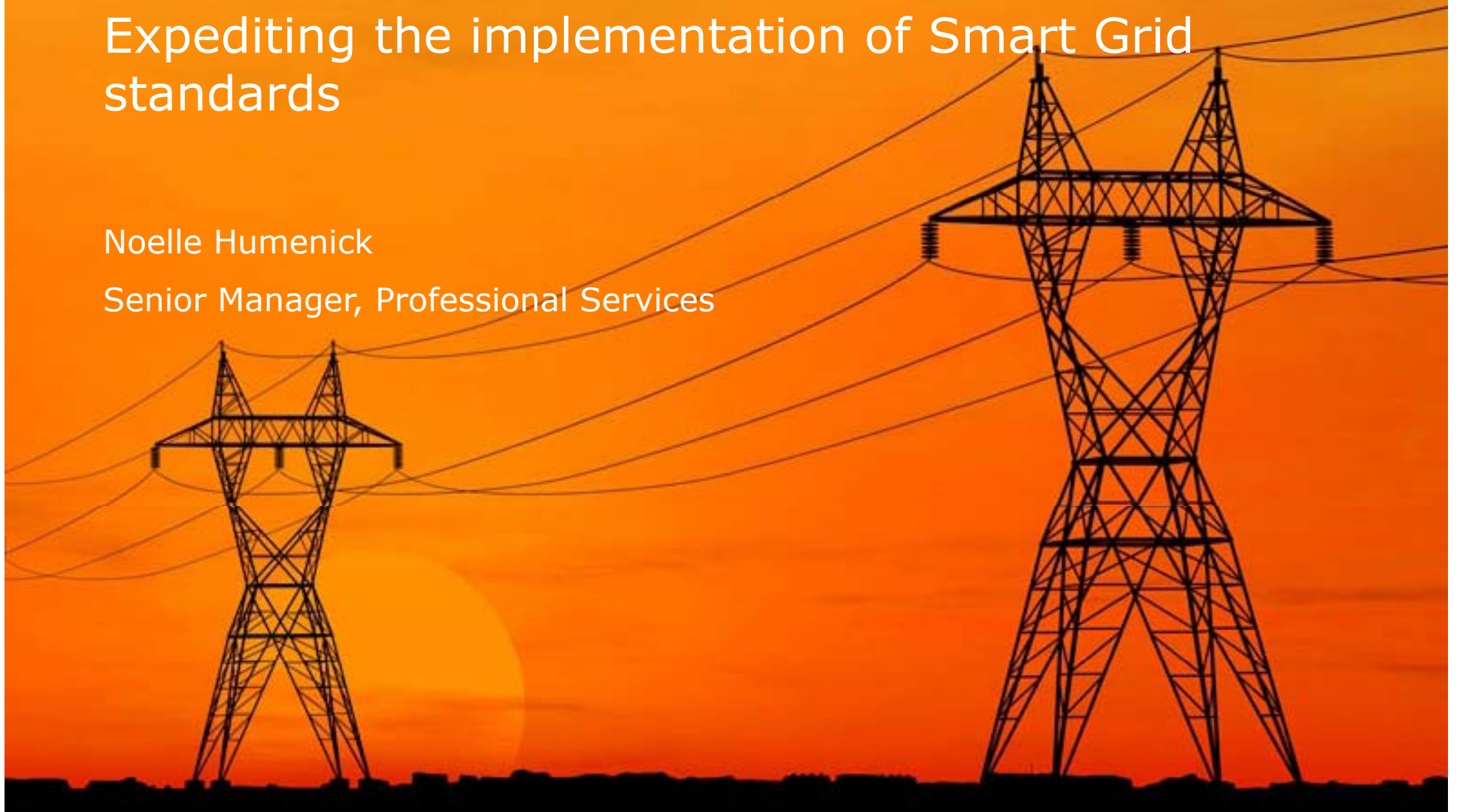
Noelle Humenich

# IEEE-SA Smart Grid Initiative

Expediting the implementation of Smart Grid standards

Noelle Humenick

Senior Manager, Professional Services





# Expediting Smart Grid standards

- The IEEE-SA Smart Grid Initiative will ensure first-to-market delivery of globally relevant Smart Grid standards.
  - Developing a comprehensive family of widely embraced standards is the next key step in bringing about the Smart Grid.
- Support for the development and dissemination of particular smart-grid related standards will be provided
- A portion of the IEEE-SA financial reserves has been allocated to leverage the competency of Professional Services, a business line of the IEEE-SA that provides paid services to WGs

# IEEE-SA Action Plan to Expedite Development

- An IEEE-SA-wide survey has been done of projects under development
- Projects are being assessed for what they need to complete their work
  - In progress: Atlanta meeting through end of January 2011
- Resources will be allocated based upon the overall budget: February 2011
- Schedules to be developed, in cooperation with WG chairs: February 2011
  - Continued application of resources will be contingent upon the WG's cooperation with the IEEE-SA staff to meet the schedule
- Full resource deployment for all targeted standards by March 2011

# List of Services

- Project management: Scheduling and administrative support (subject to resources)
  - Document repository / website maintenance
- Comprehensive draft review: at a key milestone before sponsor ballot
- Onsite meeting attendance by staff: to provide project management
  - Web-based meeting tool also available
- Sponsor ballot support: comment resolution
- Technical Editing or Writing (subject to resources)
- Expedited publication: Within 30-60 days of IEEE-SA Standards Board approval

# Goals of this week's visit

- Professional Services staff are conducting needs assessment of targeted standards this week
- Time to be scheduled with WG chairs after the meeting to discuss project schedule and ultimate resource allocation
- We look forward to working with you!
- Questions?