

IEEE/PES Transformers Committee

Chair's Report

San Diego, CA

March 7-11, 2004

1.1 Future PES Meetings

1.1.1 2004 PES General Meeting

6-10 June, Denver, Colorado USA

1.1.2 2005 PES General Meeting

12-16 June, San Francisco, CA, USA

1.1.3 IEEE PES Power Systems Conference & Exposition

10-13 October, 2004 New York, NY USA

An Invitation to Attend

The IEEE Power Engineering Society's 2004 Power Systems Conference and Exposition (PSCE'04) will be held at the Grand Hyatt Hotel in New York, New York from 10 - 13 October 2004. This inaugural power systems event will bring together practicing power systems engineers, operators, planners, policy makers, economists, academics, and others from around the world to address topics under the event theme "New Solutions for New Challenges".

Aim of This Event

This conference and exposition will provide a venue to share and discuss various issues and developments in the multifaceted field of electrical power systems. This event will kick off with a timely and valuable plenary session on the subject "Balancing the Needs of Competitive Markets with Confidentiality and System Security" and will look back and address the lessons learned in the year following the August 14, 2003 North American blackout. The conference will comprise an outstanding combination of technical sessions, panel sessions, and tutorials focusing on the following tracks:

- Track 1: Planning and Operation
- Track 2: Markets, Policies, and Economics
- Track 3: Dynamic Performance of Power Systems
- Track 4: Real-Time Applications
- Educational Track: Understanding Power Systems

The Exposition - A Highlight of the Event

The exposition will showcase state-of-the-art software and hardware systems as well as consulting services for those involved in the power systems area. There will be times devoted *exclusively* to the exhibits--with no parallel technical

sessions scheduled--so attendees can focus on the displays and have a chance to speak directly with vendors on the latest technologies, systems, software, hardware, and services as well as give exhibitors the opportunity to interact with many potential customers.

Who Will Attend

Power systems engineers, operators, planners, policy makers, economists, academics, and others working in the areas of planning, operation, implementation, security, and related areas, will greatly benefit from the discussions during meeting sessions and exposition describing, high-lighting, and demonstrating the most up-to-date systems technologies in the industry. Vendors providing software and hardware systems as well as consulting services can access a large number of leaders in fields utilizing their products and services by participating in the PSCE'04 exposition. Both the conference and exposition of this inaugural event are sure to make this a premier international power systems gathering.

Call for Papers

The IEEE Power Engineering Society's 2004 Power Systems Conference and Exposition will be held at the Grand Hyatt Hotel in New York, New York, from October 10th-13th 2004. This inaugural power systems engineering conference will bring together practicing power engineers and academics from around the world to address the topics under the theme **New Solutions for New Challenges**. This event will provide a venue to share and discuss various issues and developments in the field of electrical power systems engineering, focusing on the following tracks:

TRACK 1: Planning and Operation, covering topics such as:

- Generation system resource planning
- Transmission and distribution system planning
- Integrated resource and distributed resource planning
- Load forecasting
- Customer products and services
- Industry restructuring planning
- Transmission and distribution operations, security, and asset management
- Asset management

TRACK 2: Markets, Policies, and Economics, covering topics such as:

- Emerging methods for restructured systems
- Economics, market organization, cost structures, pricing, and information security
- Industry restructuring policy issues and market design

- Ancillary services
- Risk management
- Long-term adequacy
- Cost / benefit issues
- Financial settlement
- Merchant power

TRACK 3: Dynamic Performance of Power Systems, covering topics such as:

- Modeling for dynamic performance analysis
- Stability and control
- System dynamics measurements
- Reliability, uncertainty, and stochastic system applications
- Distribution system performance
- Modeling, performance and control with emerging technologies (e.g., FACTS, distributed generation, superconductivity)
- Dynamic security assessment

TRACK 4: Real-Time Applications, covering topics such as:

- On-line tools and Internet applications
- Energy automation and information
- Systems integration
- On-line monitoring and diagnostics
- Cyber security
- SCADA / EMS / DMS
- Substation and distribution automation
- Computational techniques and analytical methods for planning, operation, and control
- Computing applications and information processing
- Intelligent systems
- Industry applications

EDUCATIONAL TRACK: Understanding Power Systems, covering topics such as:

- Educational and training programs
- Innovative methods of presenting power system engineering concepts
- Visualization techniques
- Internet tools for better understanding of power systems

Manuscript Submission: Complete manuscripts prepared in accordance with the conference call for papers should be submitted electronically via the special web site that has been established for PSCE submissions. Access the site through the PES home page at www.ieee.org/power. Paper submissions are due by April 12, 2004. Please check the PES website and the PES Author's Kit for

manuscript formatting and preparation instructions and more information about submissions as it become available. All submissions will be reviewed as conference-grade papers.

1.2 Power & Energy Magazine

Mel Olken encourages submissions by all Technical Committees and the content is at the discretion of our committee. Our input is due June 2004.

1.3 IEEE SA Standards Board

Joe Watson was recently appointed as a new member of the Standards Board and the REVCOM committee. The chair was also appointed as a member of NESCOM. Roland James is also a new REVCOM member. With these appointments the committee now will have representation on the Standards Board, NESCOM, REVCOM and the Board of Governors.