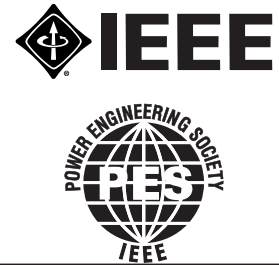




October 29 - November 1, 2006
**2006 Power Systems
Conference and Exposition**
Atlanta, Georgia, USA
Marriott Marquis Hotel



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Call for Papers

New Solutions for New Challenges In Power Systems Operation, Planning, Policy, Markets, Analysis, and Control

Building on the success of the inaugural event in 2004, the **2006 IEEE PES Power Systems Conference & Exhibition** is a major power systems event that will again provide an exceptional venue for discussing issues and developments as well as for highlighting key vendors with products and services essential to the multifaceted field of electrical power **systems**.

PSCE will bring together an international group of practicing power systems engineers, operators, planners, policy makers, economists, academics and others with interest in the profession.

The conference will begin with a timely and valuable plenary session and will also include tutorials on the most up-to-date topics on power **systems**. In addition, the conference will comprise an outstanding combination of technical panel, paper and poster sessions focusing on the following tracks:

TRACK 1: Planning and Operation, covering such topics 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
- Intelligent systems
- Computational methods

TRACK 2: Markets, Policies, and Economics, covering such topics 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
- Management of transmission assets

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

- Modeling for dynamic performance analysis
- System dynamics measurements
- Reliability, uncertainty, and stochastic system applications
- Distribution system performance
- System performance and experience with FACTS
- Modeling, performance and control with emerging technologies
- Dynamic security assessment
- Computational methods
- Control strategies
- Torsional phenomena
- Voltage and angle stability
- Distributed generation
- Wind power generation and dynamic simulations

TRACK 4: Real-Time Applications, covering such topics 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

TRACK 5: Education - Understanding Power Systems, covering such topics as:

- Educational and training programs
- Innovative methods of presenting power system engineering concepts
- Visualization techniques
- Internet tools for better understanding of power systems
- New technologies in education
- Innovative didactic tools
- Software developments for training

Manuscript Submission: Papers must be prepared in accordance with the procedures outlined in the *PES Publications Guide*, which is part of the PES Authors Kit available at the PES web site (www.ieee.org/power). Complete manuscripts are to be submitted electronically via the PES 2006 Power Systems Conference and Exposition web site (www.psceexpo.com), which can also be linked from the PES web site. The submission site will be available for paper submissions beginning early *February 2006 through April 28, 2006*.

Authors will be notified of the decision regarding their paper by *June 23, 2006*. At least one author of each paper must register for the meeting and pay the appropriate fee before an accepted paper will be released for publication in the *2006 PES PSCE Proceedings* or scheduled for presentation during a technical panel, paper or poster session

Summary of Important Dates:

Paper Submission Website Open	February 2006
Proceedings and Panel Papers Due	April 28, 2006
Panel Authors Notified (Accept, Reject or Revise)	May 26, 2006
Proceedings Authors Notified (Accept, Reject or Revise)	June 23, 2006
*Proceedings and Panel Revised Papers Due	July 14, 2006
*Proceedings and Panel Revised Paper Authors Notified	August 4, 2006
Author Registration Deadline	August 18, 2006
<i>*Papers may be revised and resubmitted ONLY at the request of the Technical Committee Program Chairs.</i>	