

## 2007 IEEE Power Engineering Society General Meeting Call for Papers

On-line paper submission site opens on or around 16 October 2006.

**Though the deadline for paper submission is 5 December 2006, authors are strongly encouraged to submit papers by 21 November so there will be ample time for review, feedback and revision.**

The 2007 IEEE Power Engineering Society 2007 General Meeting will be held 24 – 28 June 2007 at the Tampa Convention Center and the Marriott Waterside Hotel in Tampa, Florida, USA. This premier power engineering conference will bring together practicing power engineers and academics from all over the world. The aim of the conference is to provide an international forum for experts to promote, share, and discuss various issues and developments in the field of electrical power engineering.

The theme of the meeting is ***Powering the Future, Today.***

The preferential topics for the meeting are as follows.

**Track 1: Understanding and Responding to System-Wide Events**, covering such topics as:

- Physical and cyber security concerns
- Line loading, interconnect issues, IPPs
- Operating strategies under reduced generation availability (extreme contingencies)
- Releasing excess capacity through VAR control

**Track 2: Securing New Sources of Energy**, covering such topics as:

- Inherently safe nuclear reactors, clean coal technologies, gas turbine peaking units
- Solar, wind, tidal, geothermal, biomass, fuel cells
- Dispersed generation
- Environmental and Sustainability Issues

**Track 3: Improving Reliability and Power Quality**, covering such topics as:

- Power electronic switching (sub-cycle source transfer, plant-wide UPS units)
- Super-conducting energy storage
- Advances in SCADA systems (closed loop systems, advanced communications)
- Aging Infrastructures

**Track 4: Using Innovative Measurement and Control Techniques**, covering such topics as:

- Advanced protection algorithms, system modeling, economic dispatch
- Fault locating, down conductor detection
- Optical sensing, non-standard instrument transformers

**Track 5: Surviving New Markets and New Structures**, covering such topics as:

- Software tools (load flow, fault analysis, risk assessment, economic analysis)
- Bundled services and other new post-deregulation economic models
- Improving power engineering education

**Submission Requirements:** Papers (maximum length 8 pages) must be prepared in accordance with the procedures outlined in the PES Authors Kit, available on the PES web site (home page URL: <http://www.ieee.org/power>.) Full papers must be submitted to the on-line submission and review site; a link to the site will be available from the PES home page on or about 16 October 2006. All papers must be submitted by 5 December 2006. **Authors are strongly encouraged to submit papers by 21 November so there will be ample time for review, feedback and revision if necessary.** Authors will be advised via email of acceptance or rejection of the paper by 12 February 2007. If revisions are required, authors will be notified prior to that date. 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 *2007 PES General Meeting Proceedings* or scheduled for presentation during a technical session. *Note: Registration deadline for authors may be earlier than the general registration deadline.*

Additional information about the meeting will be posted as it becomes available on the conference web site at <http://www.ieee.org/power>.