



IEEE PES 2010 TRANSMISSION AND DISTRIBUTION CONFERENCE AND EXPOSITION

**Conference April 19-22, 2010
Exposition April 20-22, 2010**

**Ernest N. Morial Convention Center
New Orleans, Louisiana**

Smart Solutions for a Changing World

CALL FOR PAPERS
Opens July 9, 2009

The organizers of the 2010 IEEE PES Transmission and Distribution Conference and Exposition invite power-delivery professionals to participate in the technical program by submitting papers for power industry. The conference and exposition will bring together power-delivery professionals with control, substation engineering, distribution automation, communications, renewable energy, operations and maintenance. Combined with tutorials, opening plenary and super sessions, this conference promises to be the most comprehensive of its kind.

The theme of the conference is ***Smart Solutions for a Changing World***. The technical program is designed to examine the impact of technical and business solutions, and the methods and procedures for operating and maintaining power-delivery systems at peak levels as we

contemplate the systems of the future. Furthermore, the goal of the conference is to provide attendees with practical solution-oriented topics, including case studies and lessons learned. Super Sessions will be held on topics of special interest in the power industry, while the rest of the technical program will include sessions focusing on the conference theme in the following main topic areas.

- The smart grid with communications and cyber security developments.
- Integration of renewable energy sources.
- Programs to reduce emissions, promote more efficient energy use and improve environment quality.
- Energy storage systems for wind integration and power system peak shaving.
- Advancements to help develop a culture where safety, maintenance and operation are priority.
- Improvements in transmission system reliability to prevent blackouts and voltage collapse.
- Improvements in transmission and distribution system reliability through enhanced design operation.
- Improvements in power quality through enhanced distribution system and end-user electrical system design and operation.
- The emerging application of gas insulated substation (GIS), gas insulated transmission (GIL) and mixed technology switchgear (MTS).
- Application software for power systems.

Manuscript Submission:

Complete manuscripts are to be submitted electronically via the 2010 T&D Conference and Exposition website (www.ieeet-d.org), which will be linked to the paper submittal web page. The site will be available for paper submissions beginning July 9, 2009 through August 25, 2009. No submittals will be accepted after the August 25, 2009 deadline. Authors will be notified by the decision regarding their paper by November 16, 2009. **Special note to authors:** Any paper that is not presented at the conference will not be included in IEEE Xplore.

For manuscript formatting and preparations instruction please refer to the IEEE Power & Energy Society Author's Kit at <http://www.ieee-pes.org/>. All submissions will be reviewed as conference-grade papers. The submission site is: <http://submissions.miracd.com/TD2010/login.asp>. Please contact the Technical Program Chair, Francis Grosz at fgrosz@otiengineering.com or Dr. Edit Bourgeois at ejbourge@uno.edu if you have any questions on the technical program or the call for papers.