



## CALL FOR PAPERS

### **Journal of Modern Power Systems and Clean Energy**

#### **Special Issue on Risk Evaluation and Management for Future Electric Power Systems**

With the highly integration of renewable energy resources (RES) and flexible demand, the future energy system will become more environmental-friendly, intelligent and efficient. However high RES penetration will have significant impact on system stability, security and reliability due to fast fluctuation and unpredictable characteristics of RES. It can have either positive or negative impacts on the risk of energy system operation and planning.

The objective of this special issue is to invite contributions from industry and academy in the area of risk evaluation and management for future electric power systems. The topics to be covered include, but not limited to:

- Stability analysis of electric power systems with high RES penetration
- Reliability evaluation and optimization of electric power systems
- Redundancy analysis and planning for electric power systems
- Multi-state system modeling of energy systems
- Impacts of RES and distributed generation on network expansion and investment risk
- Energy security and sustainability analyses
- Risk analysis and management of nuclear power systems
- Environmental impact evaluation of power systems
- Reliability centered maintenance
- Risk management in large energy projects

#### Submission Guidelines and Important Dates

Manuscripts should be in English and normally not exceed 8 pages. Authors should submit both Word and PDF versions of their complete manuscript to the following email address: [guxiaorong@sgepri.sgcc.com.cn](mailto:guxiaorong@sgepri.sgcc.com.cn) (please copy to [aepe@alljournals.cn](mailto:aepe@alljournals.cn))

#### **IMPORTANT DATES**

Paper submission deadline: **Sept 30, 2012**

Acceptance notification: **Nov 30, 2012**

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