

18 - 22 October 2015  
Namba, Osaka, Japan

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# CALL FOR PAPERS: INTELEC 2015

## SMART GREEN ENERGY FOR FUTURE ICT

### Swissôtel Nankai Osaka

**INTELEC<sup>®</sup>**, International Telecommunications Energy Conference, is the annual world-class technical forum presenting the latest in communications power systems, energy storage and energy conversion. This year's exciting conference program will include key note and plenary sessions from today's industry leaders as well as technical presentations, continuing education tutorials and workshops and poster sessions. This leading conference will also include a comprehensive technical tour and social program for networking amongst industry peers.

#### SCOPE OF THE CONFERENCE

The scope of the conference will include but not limited to the following communications power and energy system topics:

##### Communications Power Systems

- Outside plant power systems (twisted pair, customer premises, etc.)
- Renewable energy generations (Wind, PV, Hybrid, etc.)
- Islanded and grid-connected autonomous power systems
- Power systems (High and/or low voltage DC; High and/or low voltage AC) for central offices/data centers
- Power distribution architectures for communications equipment
- Wireless power transfer for handheld communications devices

##### Energy Storage for Communications Systems

- Architectures for energy storage
- Battery technology (lead, zinc, lithium, sodium, etc.)
- Flow battery technology
- New fuel cell technology
- Energy management techniques
- Energy modeling and simulation

##### Power Conversion for Communications Equipment

- Circuit Topologies and control techniques for AC/DC, DC/DC and DC/AC power converters
- Utility interface inverters for energy generation and storage
- AC and DC UPS
- High efficiency and high density power supplies

##### Site Support Systems

- Disaster recovery and mitigation
- Engine generator technology
- Physical and thermal design
- Grounding and EMC
- Codes, standards, and specifications

#### IMPORTANT DATES (TENTATIVE)

Abstract submission deadline: Feb. 20, 2015  
Notification of acceptance: May 22, 2015  
Camera ready paper deadline: July 8, 2015

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For more details: <http://www.intelec2015.org>