

IEEE Columbia Section presents

The IEEE Joint Technical Session on Power Electronics and Power & Energy: Power System Integration of PV Generation

A technical session for practitioners, researchers, policymakers, and university students

Technical Session At-A-Glance

Date:

Monday
August 24, 2015

Time:

6:00PM - 8:30PM

Venue Location & Entrance:

The Sonoco Pavilion, Courtyard of
the Darla Moore School of Business
1014 Greene Street
University of South Carolina
Columbia, South Carolina 29208

**Enter Moore School from Green
Street. Courtyard is directly ahead.**

Parking on 4 streets: College St., Green St., Assembly St. and Park St.

- Discovery Plaza Garage (Park St.)
- Assembly Street (front, Koger Center to the Carolina Coliseum)
- Park Street (rear, Koger Center to the Carolina Coliseum)
- Green Street (between, Koger Center & Darla Moore Building)

**Register Online by noon,
August 24th at**

<http://sites.ieee.org/Columbia>

Additional Information:

Find more information on this IEEE Technical Session, other sessions, about IEEE, and joining IEEE at <http://sites.ieee.org/columbia>

The falling cost of solar power generation as well the change in states policies forecast a significant increase of PV installations over the next two years. By the end of 2016, we expect to see the US installed photovoltaic generation capacity at 20 GW. Without a doubt, the increasing penetration of photovoltaic generation presents several challenges for a safe and reliable power system operation. However, if ancillary grid services are considered, PV generation can be applied to support the grid voltage regulation and improve the performance of distribution networks.

Moderator: Andrea Benigni, Ph.D. University of South Carolina



John Frick, Vice President for Government Relations, The Electric Cooperatives of South Carolina. John is twice graduated from the University of South Carolina receiving a Bachelor of Arts degree in philosophy in 2000 and a Juris Doctor in 2003.



Eric Every, Senior Application Engineer at Solectria. Eric graduated in Electrical Engineering at University of Massachusetts, Amherst.



Mike Smith, Director of Corporate Strategy and Emerging Technologies at Central Electric Power Cooperative, Columbia SC. Mike is a registered professional engineer in South Carolina with a bachelor's in electrical engineering from Clemson University and a master's in electrical engineering from Georgia Tech.



Roger A. Dougal, PhD, Chair, Electrical Engineering Department, University of South Carolina, Columbia; Lead, Power and Energy Systems Group; Director, Electric Ship R&D Consortium; Co-director, NSF Industry/University Cooperative Research Center for GRid-connected Power Electronics



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