

IEEE Columbia Section presents

The IEEE Technical Session on Technical Challenges of Integration of Distributed Generation

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

Technical Session At-A-Glance

Date:

Monday
November 7, 2016

Time:

6:00PM - 8:30PM

Location:

University of South Carolina
Swearingen Engineering Center
Room 1A03
300 Main Street
Columbia, South Carolina 29208

Parking on campus:

Parking is available along Main,
Catawba and Assembly Streets

Register Online by noon,

November 7th 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> .

As the power industry moves forward with a focus on clean energy what are the new challenges they face? Distributed generation and storage, in particular, bring many engineering challenges to be solved. Is DG safe? Is customer scale or utility scale solar the answer? How will DG affect an aging infrastructure? What will the protective relaying schemes look like with multi-direction power flow on the distribution system contributed by intermittent energy sources? These are a few of the questions that will be addressed during this technical session. As the power industry landscape changes the utilities must adapt to survive and each utility has their own approach to addressing the issues. We will also take a look at SCE&G's approach and the progress we have made.

6:00 PM Reception & Networking

6:30 PM Greetings & Presentation of the Speaker

8:30PM Closing

William Bledsoe

William is an IEEE Young Professional who is a Power & Energy Engineer with proven abilities in leadership and management in the United States Coast Guard, leading teams of up to 10 personnel with responsibility of work assignments, performance review, and disciplinary; and managing the cabin of a MH-65C Dauphin Helicopter during high stress search and rescue and law enforcement missions. William is currently a Renewable Energy Engineer at SCE&G. Prior to his undergraduate studies he served as an Avionics Electrical Technician 2nd Class in the United States Coast Guard and worked as an Electrician Helper at Campbell's Electric. He has earned a Bachelor of Science in Electrical Engineering (University of South Carolina). During this time, he was awarded the IEEE Power and Energy Society Scholarship for three consecutive years and the Boeing Scholarship for two consecutive years. He completed internships as a Power Quality Engineer, a Relay Applications Engineer, and a Relay Operations Engineer.



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