

San Francisco Chapter Meeting Notice: Tuesday – November 19, 2013

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Subject: Remote Ground Fault Protection Issues

Power continuity is essential in wind power projects where a trip-out due to ground fault can have serious economic or operational consequences. An arcing phase-to-ground fault can totally destroy the equipment. Consequential downtime adds to the economic loss. Four typical grounding methods for generators and power systems are examined for these factors and the article concludes that resistance grounding provides the best protection against arcing ground-fault damage in wind power projects with distribution systems and improves reliability and availability of the power systems.

Speaker: Sergio Panetta

Sergio Panetta is the Vice President of Engineering at I-Gard Corporation, a position he has proudly held for over 16 years. With over 26 years of electrical engineering experience, both in switchgear design, commissioning and troubleshooting, Sergio continues to actively increase awareness on Electrical Safety on a global front. A senior member of the Association of Professional Engineers of Ontario, he was recently awarded Consulting Engineering status with the APEO professional body.

In addition to working on a number of industry working groups dealing with electrical safety and best practices including UL, IEC, CSA and IEEE, Sergio is the author and owner of several US Patents related to power resistors. He received his Masters of Electrical Engineering from McMaster University.

Date: **Tuesday November 19, 2013**

Time: 5:30 pm (Arrival/relax time)
6:00 pm (Presentation)
7:00 pm (Dinner)

Location: Sinbad's Restaurant
Pier 2 The Embarcadero
San Francisco, CA 94111 415.781.2555
(short walk from Embarcadero BART)

Cost: **\$25 (At the door).** Email pre-registration qualifies the registrant for our drawing at dinner. Please email byee@yeiengineers.com for reservations and to qualify for the drawing.

Student Members: \$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.

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