

## San Francisco Chapter Meeting Notice: Tuesday – October 27, 2009

<b>Chair:</b>	<b>Jack Lin</b> 415.551.4894 <a href="mailto:jlin@sflower.org">jlin@sflower.org</a>	SFPUC	<b>Membership:</b>	<b>Gary Fox</b> 925.969.3608 <a href="mailto:g.fox@IEEE.org">g.fox@IEEE.org</a>	General Electric
<b>Vice-Chair:</b>	<b>Jamie Fox</b> 510.769.7600 <a href="mailto:jamie@engent.com">jamie@engent.com</a>	The Engineering Enterprise	<b>Member at Large:</b>	<b>Ray Holstead</b> 415.564.0810 <a href="mailto:rholstea@pacbell.net">rholstea@pacbell.net</a>	Electrical Engineer
<b>Treasurer:</b>	<b>Finn Schenck</b> 925.244.1900 <a href="mailto:finn@ibs-cal.com">finn@ibs-cal.com</a>	Integrated Building Solutions	<b>Member at Large:</b>	<b>Chris J. Lovin</b> 925.454.3754 <a href="mailto:ChrisJLovin@eaton.com">ChrisJLovin@eaton.com</a>	Eaton Electrical
<b>Secretary:</b>	<b>Frank Sylvester</b> 415.558.4591 <a href="mailto:frank.sylvester@sfdpw.org">frank.sylvester@sfdpw.org</a>	SF DPW BOE	<b>Member at Large:</b>	<b>Sonny K. Siu</b> 415.979.3955 <a href="mailto:eypmcf@sonny.siu@hp.com">sonny.siu@hp.com</a>	HP Critical Facilities Services – eypmcf
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### Subject: Emergency Generator Paralleling Switchgear, Power Switching Control Methodologies for Low & Medium Voltage Applications

#### Speaker: Douglas Kristensen, Manager – US Sales, Thomson Technology

Power Generation Systems with single or multiple generators with a typical combined output that may vary from 1 to 30MW and are designed with a variety of different power switching control methodologies within Paralleling Switchgear to achieve safe, reliable power switching between the Utility & Generator supplies.

This presentation will review the common power switching control techniques used in industry today:

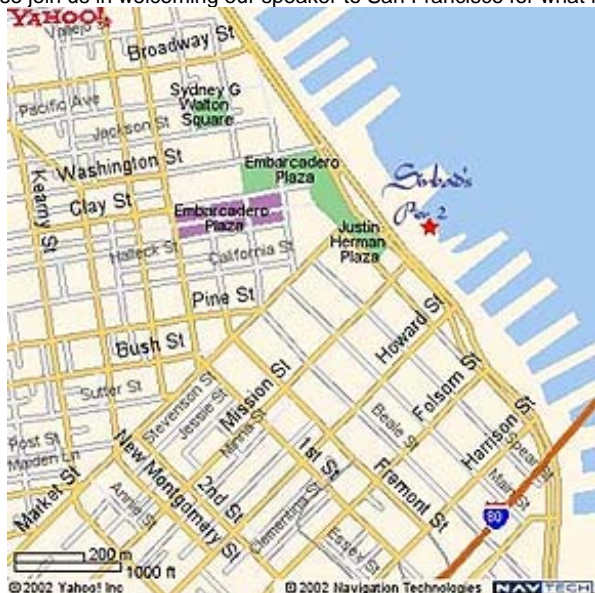
- Open Transition
- Momentary Closed Transition
- Soft-Load Closed Transition
- Continuous Parallel Generation for load testing and/or load management.

Topics will include prime mover/synchronous generator review, and differences/considerations with respect to control and protection needs of engine/generators for these applications.

Douglas Kristensen is Manager, US Sales, at Thomson Technology, a Regal-Beloit Company, located in Langley (Vancouver), British Columbia Canada. He has more than 20 years of industry experience focused in Power Generation Systems and Paralleling Switchgear.

He joined Thomson Technology in 1988 as an Application Engineer and has performed a variety of roles ranging from both product and business development to leading the application engineering and sales administration group to his present position and Thomson Technology as Manager – US Sales.

Please join us in welcoming our speaker to San Francisco for what is sure to be an interesting and productive session.



<b>Date:</b>	<b>Tuesday October 27, 2009</b>
<b>Time:</b>	5:30 pm (Attitude Adjustment) 6:00 pm (Meeting) 7:00 pm (Dinner)
<b>Location:</b>	Sinbad's Restaurant Pier 2 The Embarcadero San Francisco, CA 94111 415.781.2555 (short walk from Embarcadero BART)
<b>Cost:</b>	<b>\$25 (At the door).</b> Email pre-registration qualifies the registrant for our drawing of an IEEE Color Book at dinner. Please email <a href="mailto:frank.sylvester@sfdpw.org">frank.sylvester@sfdpw.org</a> for reservations and to qualify for the drawing.
<b>Student Members:</b>	\$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.
<b>Contact-RSVP:</b>	Frank Sylvester SFPDW <a href="mailto:frank.sylvester@sfdpw.org">frank.sylvester@sfdpw.org</a> 415.558.4591