

## San Francisco Chapter Meeting Notice: Tuesday – January 26, 2010

<b>Chair:</b>	<b>Jack Lin</b> 415.551.4894 <a href="mailto:jlin@sfwater.org">jlin@sfwater.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> 925.463.7122 <a href="mailto:finn.schenck@us.schneider-electric.com">finn.schenck@us.schneider-electric.com</a>	Schneider Electric	<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: Cogeneration: an Electrical Perspective**  
**Speaker: Diep Nguyen DTN Engineering Inc.**

Cogeneration is still alive and well in the minds of many practicing electrical engineers. By conventional definition, a cogeneration plant produces both steam and electricity from a same fuel source. As long as a **cogeneration** plant or a power generation plant that has electrical-mechanical machineries such as gas turbines, reciprocal engines, steam turbines, combustion turbines, micro-turbines etc., the electrical power system design approach for these systems in general will be identical in many ways.

This presentation discusses electrical design aspect of cogeneration plant or similar power generation plant with specific consideration for **interconnection** with utility grid as an application of **distributed generation**. It will focus on practical design of available modern, low and medium voltage electrical switchgear with multi-function protective relaying, short circuit rating, arc-resistant medium voltage metal-clad switchgear, and essential plant's auxiliary systems.

Diep Nguyen has been a practicing electrical engineer for more than three decades. He is currently working for DTN Engineers Inc. as a consulting electrical engineer. He is a senior member of IEEE, past Chair of OEB PES, and currently R4 and R6 PES Regional Representative.

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 January 26, 2010</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