



# IEEE CONTINUING EDUCATION ON DEMAND

2014-2015

"The purpose of IEEE Houston Section Continuing Education on Demand is to provide modern practical industrial power application topics that supplement the daily work activities of the practicing graduate electrical engineer. The seminars are intended to stimulate further study and discussion for learning continuance throughout the working career. Topics apply to electrical power systems as relates to oil and gas, petro-chem, co-gen, marine offshore, etc. Instructors are application engineers, manufacturing specialists and expert consultants who provide a blend of diverse engineering perspectives."

Registration Information	Seminar	Code	Date	Amount
<b>Name</b> _____ <b>Company</b> _____ <b>IEEE#</b> _____ <b>Email</b> _____ <b>Telephone#</b> _____ <b>Address</b> _____ _____ _____	<b>HVPD</b> This seminar explores dielectrics and their utilization in electrical equipment. We will study partial discharge and acoustic noise in early detection of failures. <i>Presenter: Andrew Burgess (HVPD)</i>	505	Oct 7/8	<input type="text"/>
<b>General Information</b>  <b>Cost</b> IEEE Member \$85.00 NON Member \$200.00  <b>Time</b> 6:00-8:30PM <b>Buffet Meal</b> 5:00-6:00PM <b>Location</b> Jacobs Engineering, Tower Two 5985 Rogerdale Road Houston, TX. 77072  <b>Cancellation</b> Nick Nichols 281-435-4968 <a href="mailto:nnichols@pointeightpower.com">nnichols@pointeightpower.com</a>  <b>Inquiries</b> John Stadler 281-881-9615 Paul Barrett 713-598-0790  <b>Mail the registration form with check to:</b> IEEE CED SEMINARS Nick Nichols Point Eight Power 2523 Hollow Hook Houston, TX 77080  <b>Make the check payable to:</b> IEEE CED SEMINARS  Payment must be received the Friday before the seminar. "Pay at the door" is discouraged due to numerous "no-shows". Upon completion a receipt of registration & certificate for (5) Professional Development Hours is provided. Refund/Cancellation requests must be made the Friday before the seminar. Minimum class size is 20 and seating is limited and filled on an as received basis. Check the IEEE Houston Section website for the latest schedule and course information.  <a href="http://www.ieee-houston.org">http://www.ieee-houston.org</a>	<b>VLF &amp; HVDC Transmission &amp; Design</b> VLF and HVDC are a growing part of transmission business around the world, and their successful implementation is key to future grid stability. <i>Presenter: Tappan Manna (Burns and Mac Eng)</i>	201	Oct 21/22	<input type="text"/>
	<b>IEC Transformers</b> This technical presentation will focus on the key elements of IEC Transformers and how they relate to the design and application of power transformers. <i>Presenter: Waldemar (CG Power)</i>	401	Nov 4/5	<input type="text"/>
	<b>Cable Sizing &amp; Installation</b> The cable standards, construction and properties shall be explored in depth. We will investigate the rating structure and how it limits the cable application. <i>Presenter: Jonathan Havey (Okonite)</i>	204	Nov 18/19	<input type="text"/>
	<b>Electrical Specification Writing</b> Different aspects of specification writing to clearly explain the desires of the client to various mfgs, where to go for go-by's, and how to avoid common traps. <i>Presenter: Mark Leyton (BP)</i>	806	Jan 20/21	<input type="text"/>
	<b>Fundamentals of NEMA Frame Motors</b> The tutorial starts with how motors work and purchasing standards. We will learn the new regulations regarding high efficiency, VFD fed motors, and area class. <i>Presenter: Todd Huston (Baldor)</i>	304	Feb 3/4	<input type="text"/>
	<b>High-Voltage Air-Insulated Substation Design</b> This session discusses different aspects of engineering, standards, equipment ratings/specifications, and installation considerations. <i>Presenters: Dominik Pieniazek and Mike Furnish (HV Engineering, LLC)</i>	603	Feb 17/18	<input type="text"/>
	<b>Intertie Substation Design</b> Utility expectations for intertie substations and the required operation / maintenance practices for NERC compliance <i>Presenter: Don Sevcik (Centerpoint)</i>	705	Mar 3/4	<input type="text"/>
	<b>MV Circuit breakers &amp; MVMCC Ratings &amp; Applications</b> This seminar focuses on the rating structure of MV breakers and switchgear. How are they derived and applied in the process substation. <i>Presenter: Jim Bowen (Aramco Services)</i>	214	Mar 24/25	<input type="text"/>
	<b>Offshore Platform Design</b> This seminar sets a stage for review of the specific requirements for design of power systems and distribution equipment for offshore production facilities. <i>Presenters: Mike Alford (Chevron), Chris Migl (Powell), Stan Beaver (BP ret.)</i>	506	April 7/8	<input type="text"/>
	<i>Fill in cost associated with the courses you intend to attend</i> <b>TOTAL</b>			<b>\$0.00</b>