

2009 PES CHAPTER OFFICERS and STAFF

The Institute Of
Electrical And
Electronics
Engineers, Inc.



Columbus Chapter

Position	Name	e-mail	Affiliation	Phone	Cell Phone
Chair	Howard Jones	hrjones@aep.com	American Electric Power	*614-552-1107	614-209-3289
Vice Chair	Evan Wilcox	erwilcox@aep.com	American Electric Power	*614-552-1648	614-506-9545
Secretary	Ajit Kadakia	Kadakia@scp.utilities.com	South Central Power Co.	*740-689-6225	614-361-0194
Treasurer	Vinod Simha	vsimha@aep.com	American Electric Power	*614-552-1717	817-937-2105
Membership	Richard Smelker	rdsmelker@aep.com	American Electric Power	*614-552-1697	none
Past Chair	John Lauletta	jlauletta@exacterinc.com	Exacter Inc.	*614-880-9320	216-496-1219
Program	Jason Byerly	jimbyerly@aep.com	American Electric Power	*614-552-1492	614-537-3777
Publicity	Tim Regan	tim.regan@ametek.com	AMETEK	*585-978-0000	585-978-0000
Hospitality	Susie O'Brien	susantwc@sbcglobal.net		614-487-0099	*614-560-4070

* Preferred contact number



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IEEE PES October 20, 2009 PROGRAM

Date: Tuesday, October 20, 2009

Refreshments: 5:30 to 6:00 pm

Meeting: 6:00 to 7:00 pm

Earn one CPD Hour

Location: AEP Office, Conference Room 2C, 700 Morrison Rd., Gahanna, Ohio 43230

Title: **Meeting NERC Requirements for Oscillography and Disturbance Monitoring by Collecting Data from Relays**

Abstract: The North American Electric Reliability Corporation (NERC) and the region reliability councils have mandated electric utilities to monitor their power systems at critical locations throughout their system. The monitoring systems are to be phased into service by 2010. American Electric Power (AEP) and Tarigma Corporation with assistance from Schweitzer Engineering Laboratories, Inc. (SEL) have developed a disturbance monitoring system to provide an alternative to traditional monitoring equipment to meet these monitoring requirements. AEP will collect event and synchrophasor data from relays to satisfy the NERC requirements for disturbance monitoring. Event data from relays on the AEP system is currently retrieved, stored locally and then moved to several server sites on the AEP system. This same approach will be taken with synchrophasors and allow AEP to use this data to meet the disturbance requirements mandated by NERC.



Charles Jones received his BSEE in 1982 from West Virginia University. He works for the transmission company of American Electric Power in Gahanna, Ohio with 25 years of service. He is a Principal Engineer currently working in the Protection and Control Asset Engineering section developing the standard protection panels for transmission, station data networks, station automation and SCADA. Other work experience includes Columbia Gas Transmission Company where he designed control systems for natural gas compressor stations. He is currently pursuing a MEEE degree from the University of Idaho. He is a registered professional engineer in the state of West Virginia and Ohio and an IEEE member.

Please RSVP to Jason Byerly by email to jimbyerly@aep.com or by phone at 614-552-1492 by 4:00 PM, October 19, 2009

Advise when you RSVP, if IEEE member and/or P.E., Map follows

Map 700 Morrison Rd



700 Morrison Rd

