IEEE Jackson PES Meeting

Date:	June 11, 2014
Time:	12:00pm – 1:00pm
Location:	Siemens Manufacturing Facility Training Room, Richland, MS
PDH:	1 Contact Hour
Cost:	Attendance free. Bring your own lunch
RSVP:	Respond to Jeremy Blair by June 9, 2014 via email to **jeremy_blair@selinc.com**
Topic:	Substation Capacitor Bank Switching & Protection Design Considerations
Presenter:	Ernst Camm, S&C Electric Company

Abstract:

This presentation will provide an overview on the significant design considerations related to the selection of substation capacitor bank switching and protection devices. The overview will include discussion of capacitor bank configurations, capacitor bank switching devices, switching transients, and protection schemes.

Biography:

Ernst Camm is Manager of Consulting & Analytical Services in the Power Systems Solutions business unit of S&C Electric Company. He has thirty years of industry experience and is responsible for providing technical support to customers and S&C's product and services business units on the application of reactive power compensation systems for renewable power plants and power system voltage stability, as well as the interconnect requirements and design of large renewable power plants. His experience includes capacitor-switching transient and power quality analyses associated with the application of Circuit-Switchers with pre-insertion inductors and large medium-voltage UPS systems. He has performed many types of power system engineering studies, including power flow and dynamic stability, transient, and power quality analyses, as well as renewable power plant modeling and interconnection studies. He has extensive experience in modeling and simulation of system transients and dynamics, including fault-induced delayed voltage recovery, dynamic reactive compensator performance, capacitor switching, reactor switching, and transient recovery voltage simulation.