

## 2009 PES CHAPTER OFFICERS and STAFF

The Institute Of  
Electrical And  
Electronics  
Engineers, Inc.



Columbus Chapter

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### IEEE PES MARCH 30, 2010 PROGRAM

**Date:** Tuesday, March 30, 2010

**Refreshments:** 5:30 to 6:00 pm

**Meeting:** 6:00 to 7:00 pm

**Earn one CPD Hour**

**Location:** Emerson Network Power Systems Inc, 610 Executive Campus Dr # 120, Westerville, OH 43082

Title: Emerson Network Power Learning Center: The What, Where, and Why of building a service-centric training facility in the electrical industry.

Abstract: Emerson Network Power recently completed a brand new state-of-the-art LEED-certified Learning Center. The new building is used to educate field technicians, customers and partners on the latest technical innovations, operations and maintenance techniques for industry-leading, mission-critical Liebert power and cooling equipment. It all started with a need to grow. Emerson Network Power's Liebert service business had a need for more classrooms and a hands-on learning environment with enough equipment for every student. The space needed to be flexible, effective and energy efficient. An open classroom format coupled with an 11,000 square foot equipment lab was designed to meet these goals and enable better learning. The equipment lab holds an array of Emerson equipment that, through specific design innovations limited to the learning center, runs at a 75% reduction in power consumption. The facility is the first LEED certified building in the city of Westerville, Ohio and is Gold certified. The new learning center provides value to Emerson Network Power's customers in the form of more thoroughly trained field technicians worldwide. This highly effective training center, with a broad landscape of all equipment vintages, facilitates transitioning the "On-the-Job Training" (OJT) from the customer site to in-house. Students can master their product skills in a One-to-One equipment student ratio where they can demonstrate learning validation of all OJT tasks resulting in improved productivity and reduced quality errors achieving increased data center availability.

**Presenter: Mark Cousino, Manager of Technical Training for Emerson Network Power Liebert Services**

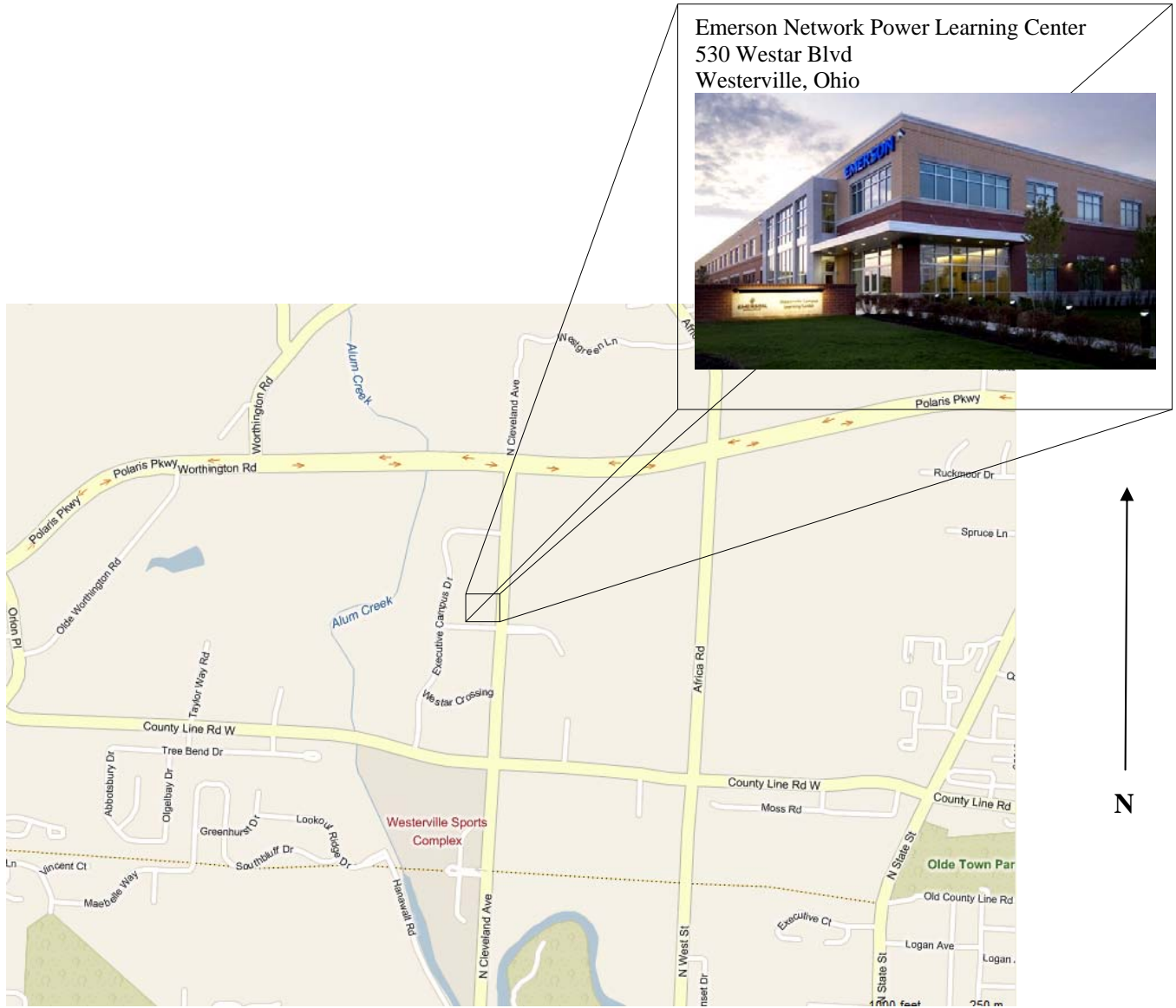
Mark Cousino is the Manager of Technical Training for Emerson Network Power Liebert Services in charge of development and deliver Power, UPS, Monitoring, Battery, and Cooling training programs that provide the skills and knowledge for Liebert's field service technicians to maximize Liebert's customer's uptime.

Mark attended the University of Toledo for Computer Engineering before entering the United States Air Force in 1996. While in the USAF, Mark was a power production journeyman maintaining base backup power systems and switchgear. While in the USAF, Mark switched to Electrical Engineering at Wright State University. He also completed is A.S. in Electrical and Mechanical Technologies from the Community College of the Air Force. While in the USAF, Mark was awarded Airman of the Quarter at Wright Patterson Air Force Base.

Mark joined Liebert as a UPS instructor after separating from the USAF in 2000. As an instructor, Mark completed his B.S. in Electrical Engineering online from Kennedy Western University. After several years as an instructor with Liebert, Mark took on the additional responsibility of serviceability engineer working with the manufacturing division to ensure new products are being designed with service in mind. During this time, Mark achieved a B.S. in Information Technology Management from Kaplan University. In 2005, Mark was promoted to Technical Training Manager. In 2008, Mark earned his Master's Degree in Education with a specialization in Adult Education and Curriculum Design. If 2009, Mark was award the Employee of the Quarter as well as the Employee of the Year for Liebert Services for his role in the concept, design, construction, and grand opening of the new Emerson Network Power Learning Center. The core design team for the Learning Center also was awarded the Emerson "Consider It Solved" award for their cross-functional and cross-divisional efforts and collaboration during this multi-year project.

Please RSVP to Jason Byerly by email to [jimbyerly@aep.com](mailto:jimbyerly@aep.com) or by phone at 614-552-1492 by 4:00 PM, March 29, 2010

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



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Westerville, Ohio 43082