



**Berkshire Section**

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**The Institute of**

**Electrical & Electronics Engineers IEEE**

**Berkshire Consultants Network Dinner Meeting:**

**Best Practices for Power Quality Analysis**

**By**

**Scott Mara**

**Sr. Application Engineer  
Advanced Industrial Solution, LLC**

**Meeting: Thursday, November 12, 2009**

**Cork 'N Hearth Restaurant:** Route 20, Laurel Lake, Lee, Massachusetts, 01238  
(413-243-0535)

**Cocktails: 6:00 pm      Dinner: 7:00 pm      (Presentation after dinner)**

Modern microelectronic technology enables many of the efficiency improvements we enjoy today. As equipment and systems become more sophisticated through the use of this technology there is also greater sensitivity to variations in power quality. Power quality events can be infrequent and challenging to diagnose. While Utilities are responsible for some power quality events, most actually occur beyond the service entrance where their responsibility typically ends. This presentation will cover some of the common power quality problems and the best practices for monitoring and corrective action. The primary goal is to educate engineering consultants to better serve their clients.

Mr. Mara started with Advanced Industrial Solutions as a sales representative at this firm which connects specialty companies with engineers seeking current technology and best practices. He began working in power quality in 1999 by supplying modern electronic voltage regulators and deep sag mitigation systems to protect manufacturing equipment from expensive down time resulting from poor power quality. This led him into sales of power monitoring devices used to accurately determine specific power quality problems and the best practices for corrective action.

**Dinner Menu: Chicken Marcalla, Baked Scrod, or New York Sirloin**

(Price for IEEE members and one guest: \$15/person, Non-members: \$40/person, No dinner: FREE)

Please make reservations by **Thursday, November 5, 2009** (make checks payable to IEEE Berkshire Section). For reservations and inquires, contact :

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