



On behalf of:

The **Delaware Valley Power Quality Group**, established in 1993, is a volunteer not-for-profit organization dedicated to providing a state of the art educational forum for the exchange of information pertaining to Power Quality issues and the most technically up to date products and practices.

Directions and map



Located East of US 1, South of Philadelphia city limits. Entrance is off N. Lynn Blvd. in Upper Darby, PA. [North of the intersection of US 1 (Township Line Rd.) and Rt. 3 (West Chester Pike)] Online directions: <http://www.mccallgolf.com/directions.htm>

You are cordially invited to the  
Quarterly Meeting of the  
**Delaware Valley Power Quality Group**

to be held from 10:00 AM to 3:00 PM on  
Tuesday, May 18, 2004 at

**PECO Energy McCall Field  
Conference Center**

Meeting Agenda:

**Power Quality Protection and  
Mitigation Technology Update**

Main Speakers:

**Chris Larsen  
ABB Industrial Power Quality**

**James W. Sember  
S&C Power Quality  
Products Division**

# Power Quality Protection and Mitigation Technology Update

## Program Summary:

Large industrial and commercial sites possessing a significant population density of power sensitive devices, equipment and processes continue to seek economical solutions to protecting and mitigating the effects of power quality disturbances. Traditional standby generators and uninterruptible power supplies are generally not well suited to the demands of many of these types of facilities. The program will explore current whole site power quality protection and mitigation technologies suited to industrial and commercial facilities.

## Speaker: Chris Larsen, ABB Industrial Power Quality

Chris is the Product Manager for ABB's industrial power quality technologies. His primary responsibility is bringing ABB's voltage and reactive power compensation devices to the North American power quality market in both the industrial and utility sectors. Prior to his current roll with the company, Chris was a Principal Consulting R&D engineer in ABB's corporate research lab in Raleigh where he helped guide the company's strategy in technologies such as solar, biomass, and distributed resource communications. Before joining ABB, Chris was the Director of Policy Programs at North Carolina State University's Solar Center where he specialized in distributed generation utility interconnection issues. He has a Masters degree in mechanical engineering from NC State University and a Bachelors degree in economics with high honors from Princeton.

## Speaker: James W. Sember, S&C Power Quality Products Division

Jim received a BSEE degree from Cornell University in 1979 and an MBA from the University of Wisconsin, Milwaukee in 2002. In his current position, he is responsible for both Product Engineering and Marketing with S&C Electric's Power Quality Products Division in Franklin, Wisconsin. Prior to that, he headed the engineering department for the Kohler Generator division for six years, having previously held various positions in the development of power electronics and controls. He holds 8 U.S. patents and is an IEEE member.

## Meeting Information:

Place: PECO Energy McCall Field  
Conference Center  
N. Lynn Blvd  
Upper Darby, PA

Date: Tuesday, May 18, 2004  
Time: 10:00 AM to 3:00 PM

Lunch Will Be Provided  
Please RSVP by Friday, May 14, 2004

## REGISTRATION:

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

PHONE: (     ) \_\_\_\_\_

(include area code)

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

**Category:**  Academic  Contractor  Utility  
 Consultant  Manufacturer (Rep)  End User

## Registration Fee:

To become a 2004 member of the DVPQG and receive notification of all future meetings, training, and events, please select the appropriate option. Yearly membership runs from January 1 to December 31 of each year.

1.  Meeting – DVPQG Member      \$ 35.00
2.  Meeting – Non-Member      \$ 55.00
3.  Mtg. & 2004 Membership      \$ 60.00
4.  Meeting & (3) yr. Membership      \$105.00
5.  2004 Membership Only      \$ 30.00

**SEATING IS LIMITED! Please pre-register...Registration at the door is \$5.00 extra. (Cancellation and Refund: To cancel your registration and receive a full refund, you must contact the DVPQG treasurer (i.e. email: treasurer@ dvpqg.org) at least 24 hours prior to the meeting. Otherwise, no refunds will be issued.)**

**Please mail this registration form and a check, made out to "Delaware Valley Power Quality Group, Inc.", for the appropriate registration to:**

Delaware Valley Power Quality Group, Inc.  
P.O. Box 511  
East Petersburg, PA 17520-0511

**Please respond by May 14, 2004**

**Please be complete in filling out registration.**

You may also pre-register by E-mail to [registrations@dvpqg.org](mailto:registrations@dvpqg.org) and then mail your payment.