

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: Follow I-476 ("Blue Route") to EXIT 13 (Villanova/St. Davids). At the bottom of the ramp turn right onto Route 30 East, also known as Lancaster Avenue. Shortly thereafter, turn left at the Shell gas station, which happens to be Route 320 North or North Spring Mill Road. Proceed on Route 320 North / North Spring Mill Road to the next traffic light, and make a left onto County Line Road. Proceed on County Line Road for about 3/4 of a mile. The entrance to the Villanova Conference Center is on the left side of County Line Road. (Note: You have gone past the entrance if you reach Matsonford Road.)

On behalf of:

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 Thursday, December 15, 2005 at

> Villanova Conference Center 601 County Line Road Radnor, PA 19087 (610) 523-1776

> > Meeting Agenda:

Electrical Maintenance Practices

Main Speakers:

Larry Ray
Square D Company

Bill Luddy IETC

Dennis Link
Karden Construction Services



Electrical Maintenance Practices and Design Considerations for Power Quality

Program Summary:

The keynote address on electrical maintenance practices and design considerations will be from Mr. Larry Ray whom will present several case studies that highlight design and maintenance practices relative to power quality improvement and disturbance mitigation. These case studies include harmonic distortion, wiring and grounding, voltage sags, and protective coordination.

In addition to Larry's keynote presentation, Bill Luddy of IETC and Dennis Link of Karden Constructrion Services, will present electrical maintenance cases studies and experiences from their respective industry perspectives.

Speakers:

Larry Ray, PE, is national manager of Square D Services Power Systems Engineering group. He is responsible for power quality and power system analysis, design, and monitoring services for Square D customers. Larry received the BS degree in mechanical engineering from North Carolina State University in 1979. He is a senior member of the Institute of Electrical and Electronics Engineers. Larry serves as dean (past-chair), IEEE Standards Coordinating Committee on Power Quality (SCC-22), and past-chair, IEEE Standard 1159-1995, the *Recommended Practice for Monitoring Electric Power Quality*. He is a registered professional engineer in North Carolina, South Carolina, and New Jersey.

Bill Luddy, PE, is the President of Innovative Engineering Testing and Construction in York, PA. IETC is an electrical engineering, testing and construction firm with expertise in power quality and new power technologies.

Dennis Link, PE, is President of Karden Construction Services providing a wide variety of construction project services.

Election of new members to the Executive Board will also be conducted at this General Membership Meeting

<u>Meeting Information:</u>

Place: Villanova Conference Center 601 County Line Road Radnor, PA 19087 (610) 523-1776 Date: Thursday, December 15th, 2005

Time: 10:00 AM to 3:00 PM

<u>Lunch Will Be Provided</u> <u>Please RSVP by Monday, Dec. 12th, 2005</u>

REGISTRATION:		
NAME:		
COMPANY:		
ADDRESS:		
City:	State:	Zip:
PHONE: ()		
(include area code)		
FAX:		
E-Mail:		
Category: ☐ Academic ☐ ☐ Consultant ☐ Manufactur	<u> </u>	

Registration Fee:

To become a 2006 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.

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Meeting – DVPQG Member	\$ 35.00
Meeting – Non-Member	\$ 55.00
Mtg. & 2006 Membership	\$ 60.00
Meeting & (3) yr. Membership	\$105.00
2006 Membership Only	\$ 30.00
	Meeting – Non-Member Mtg. & 2006 Membership Meeting & (3) yr. Membership

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 DVPQG (i.e. email: treasurer@dvpqg.org or call 717.721.4903) 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

<u>Please respond by December 12th, 2005</u> <u>Please be complete in filling out registration.</u>

You may also pre-register by E-mail to registrations@dvpqg.org and then mail your payment.