



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

The Shady Maple Smorgasbord, featured in the Philadelphia Inquirer, is located at 129 Toddy Lane, East Earl, PA. Take the PA Turnpike to Exit 298 (old Morgantown Exit 22). From the Turnpike, follow the Morgantown exit to 2nd traffic light then take Route 23 West (becomes Main St.) for approximately 10 miles to Route 897 to Toddy Lane.

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, December 8th, 2009 at

Shady Maple Smorgasbord
129 Toddy Lane
East Earl, PA 17519

Meeting Agenda:

**Part 1: A National View of Voltage Sag Phenomena and
Solutions to Address Voltage Sags**
Part 2: A Healthcare Perspective on Power Quality

Main Speakers:

Brian St. Pierre
SoftSwitching Technologies

J. Keith Mills
GE Healthcare

IT'S TIME TO RENEW YOUR DVPQG
MEMBERSHIP FOR 2010. 3 YEAR
RENEWAL IS THE BEST VALUE!

Part 1: A National View of Voltage Sag Phenomena and Solutions to Address Voltage Sags ***Part 2: A Healthcare Perspective on Power Quality***

Program Summary:

This quarter's seminar will focus on two interrelated power quality topics: voltage sag phenomena and impact of power quality to the healthcare industry.

The first part of the program featuring Brian St. Pierre of SoftSwitching Technologies will highlight the following items: How we know about power Quality (I-Sense monitors); How the Grid works (why Sags Occur); What EPRI learned about Power Quality and what we know now; How Power Quality affects control circuits and power supplies; Demonstration of Sags and their affect on control components; Solutions to PQ problems (UPS; Flywheel; DySC) Advantages and disadvantages of each; How a DySC works with 6 channel examples and demo; Maintenance and operating costs comparisons; Applications examples from various industries (usually verbal descriptions); and Power Quality statistics of various industries .

The second part of the program will feature J. Keith Mills of GE Healthcare who will highlight the following: Problems seen in the healthcare industry; internal vs. external; Economics & Payback of Solutions; and Case Studies.

Speaker: Brian St. Pierre, SoftSwitching Technologies

Mr. St. Pierre is currently the Eastern Regional Sales Manager and Healthcare Market Manager for SoftSwitching Technologies, Inc. of Middleton, WI. He has over 30 years of experience as a Product Manager; Project Manager; and Sales Manager, for companies, working in the Automotive, Pharmaceutical, Semiconductor, and Healthcare markets. Brian has a BS Degree in Engineering from Michigan State University.

Speaker: J. Keith Mills, GE Healthcare

Mr. Mills is currently a Power Quality and Environmental Engineer with GE Healthcare. He has worked 30 years in the health care industry with 25 of these focused on power delivery and environment. He founded and lead GEHC international PQ Team in 1995. Current responsibilities include: Leading PQ programs for 800 GE employees and customers in 13 states, troubleshoot PQ problems in major hospitals and small imaging centers in US, Canada, Europe, Asia, and Bermuda. His primary expertise is in power distribution and grounding for diagnostic imaging equipment.

Meeting Information:

Place: Shady Maple Smorgasbord
129 Toddy Lane
East Earl, PA 17519 (new facility
is just off Rt. 23 and Rt. 897)

Date: Tue., Dec. 8th, 2009
Time: 10:00 AM to 3:00 PM

Lunch Will Be Provided
Please RSVP by Fri., Dec. 4th, 2009

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 2010 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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|-----------------------------|---|-----------------|
| 1. <input type="checkbox"/> | Meeting – DVPQG Member | \$ 35.00 |
| 2. <input type="checkbox"/> | Meeting – Non-Member | \$ 55.00 |
| 3. <input type="checkbox"/> | Mtg. & 2010 Membership | \$ 60.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$105.00 |
| 5. <input type="checkbox"/> | 2010 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 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

Please respond by December 4th, 2009
Please be complete in filling out registration.

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