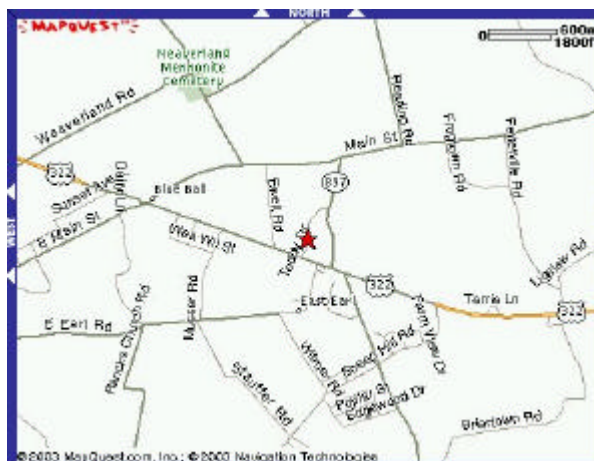




On behalf of:

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 2<sup>nd</sup> 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  
Wednesday, December 20<sup>th</sup>, 2006 at

**Shady Maple Smorgasbord**  
**129 Toddy Lane**  
**East Earl, PA 17519**

Meeting Agenda:

**Safely and Effectively Performing Basic  
Power Quality Measurements**

Main Speaker:

**Curt Geeting**  
**Fluke Corporation**

**IT'S TIME TO RENEW YOUR**  
**DVPQG MEMBERSHIP FOR 2007.**  
**3 YEAR RENEWAL IS THE BEST**  
**VALUE!**

# Safely and Effectively Performing Basic Power Quality Measurements

## Program Summary:

Taking measurements on electrical circuits can be made less hazardous by using test equipment the correct way. Emphasis is placed on upgrading your safety skills and awareness. Electrical measurement tools like digital multi meters, electrical testers, oscilloscopes, current clamps and even test leads must be properly rated for the intended task. Maximize your ability to solve real problems with training on the usage of modern digital multi meters (DMMs) and other electrical maintenance tools. Learn measurement principles and applications for troubleshooting industrial electronics. Learn how to use the advanced features of digital multi meters to solve tough problems with electrical and electronic equipment.

Key highlights that will be covered:

- International safety specifications, IEC 61010
- Identify IEC 61010 installation categories
- Identification of IEC safety markings
- Understand common multi meter safety issues
- Examples and case studies of safety incidents
- Over voltage categories and voltage withstand
- DMM safety hazards, inspections and check list
- Meter and measurement probe safety inspection
- Specifications
- Terminology and symbols on digital multi meters
- Get the most value out of your equipment by understanding it's functions and limitations.
- Measurement of voltage, resistance, current and temperature
- Using accessories with a DMM
- Testing capacitors, diodes and other components
- Linear and non-linear load measurements
- Measuring current with current clamps
- Measure values of electrical components
- Learn how to use advanced DMM functions

**Bring your handheld instrument, test leads and accessories for a complimentary safety check-up.**

## Speaker: Curt Geeting, Territory Sales Manager, Fluke Corporation

Mr. Curt Geeting is a Territory Sales Manager for Fluke Corporation in the Eastern Pennsylvania, Southern New Jersey, Delaware and Northern Maryland areas. In his position as a Territory Sales Manager, Mr. Geeting provides safety and product application training to users of Fluke products. Mr. Geeting has previously worked for Sunshine Instruments, Cemtech Energy Controls, and Penna Scientific Devices. He has a Business Management degree from Shippensburg Sate University.

### Meeting Information:

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

**Date: Wed., December 20<sup>th</sup>, 2006**  
**Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided**  
**Please RSVP by Fri., Dec. 15<sup>th</sup>, 2006**

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 2007 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. <input type="checkbox"/> | Meeting – DVPQG Member       | \$ 35.00 |
| 2. <input type="checkbox"/> | Meeting – Non-Member         | \$ 55.00 |
| 3. <input type="checkbox"/> | Mtg. & 2007 Membership       | \$ 60.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$105.00 |
| 5. <input type="checkbox"/> | 2007 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 Dec. 15<sup>th</sup>, 2006**  
**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.