



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  
**Thursday September 27, 2012 at**

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

Meeting Agenda:

**Power Quality Issues: Harmonics, Harmonic  
Mitigation and Motor Protection**

Main Speaker:

**Joseph Passetti**  
**MTE Corporation**

**IT'S TIME TO RENEW YOUR DVPOG**  
**MEMBERSHIP FOR 2012. 3 YEAR**  
**RENEWAL IS THE BEST VALUE!**

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# Power Quality Issues: Harmonics, Harmonic Mitigation and Motor Protection

## *Program Description:*

*The presentation will cover the power quality issues of harmonics and harmonic mitigation with the added bonus of issues and solutions related to motor protection:*

*What are harmonics*

*What causes harmonics*

*What's so bad about harmonics*

*Harmonic standards, IEEE 519*

*Mitigation of harmonics*

*Why is motor protection needed*

*When is it needed*

*Motor protection solutions*

## **Speaker: Mr. Joseph Passetti, MTE Corporation**

Mr. Joseph Passetti is currently the Eastern Regional Manager for MTE Corporation, a leading manufacturer of power quality equipment including harmonics mitigating solutions. Prior to working for MTE Corporation, Joseph was with Rockwell Automation where he was Drive Area Manager. Joseph's overall experience in the electric and motor drives industry spans over 40 years and also includes time spent with US Motors, Louis Allis, Lovejoy, and Lenze. Joseph graduated with a Bachelor of Science in Electrical Engineering degree from Stevens Institute of Technology of Hoboken, NJ.

### **Meeting Information:**

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

**Date: Thursday September 27, 2012  
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided  
Please RSVP by Fri., September 21, 2012**

### **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:** Check or Cash only

To become a 2012/2013 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"/> | <b>Meeting – DVPQG Member</b>           | <b>\$ 35.00</b> |
| 2. <input type="checkbox"/> | <b>Meeting – Non-Member</b>             | <b>\$ 55.00</b> |
| 3. <input type="checkbox"/> | <b>Mtg. &amp; 2013 Membership</b>       | <b>\$ 60.00</b> |
| 4. <input type="checkbox"/> | <b>Meeting &amp; (3) yr. Membership</b> | <b>\$105.00</b> |
| 5. <input type="checkbox"/> | <b>2013 Membership Only</b>             | <b>\$ 30.00</b> |

**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 717.252.4730) 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.  
5410 Mt. Pisgah Rd.  
York, PA 17406

**Please respond by Sept 21, 2012**  
**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.