



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, April 1st, 2014 at
Shady Maple Smorgasbord
129 Toddy Lane
East Earl, PA 17519

Meeting Agenda:
Power Quality – It’s Not Complicated
Main Speaker:
Richard P. Bingham
Hanahou Enterprises, LLC

IT’S TIME TO RENEW YOUR DVPOG
MEMBERSHIP FOR 2014. 3 YEAR
RENEWAL IS THE BEST VALUE!



Power Quality – It's Not Complicated

Program Description:

Like any job, having the right tool and the right information about how and where and when to use the tool, go a long way to successfully completing the task at hand. The same is true for using power quality monitors, meters, and other related instrumentation for troubleshooting, audits, and/or benchmarking studies. These tools, along with basic knowledge of just two basic laws (Ohm's and Kirchoff's) can be used to solve the majority of power quality related problems on electrical systems and equipment affected by power quality phenomena. With the basic rules and some case studies, it will hopefully be clear to all that "It's really not complicated."

Speaker: Richard P. Bingham, Hanahou Enterprises, LLC

Richard P. Bingham retired in 2008 as the VP of Product Development and Marketing for WPT, which includes Dranetz-BMI, Electrotek Concepts, and Daytronic. He joined Dranetz in 1977, and held positions as project engineer, chief technologist, VP of Engineering, and, VP of Strategic Planning. Richard is a member of IEEE Power Engineering Society (presently the chair of the PQ Subcommittee), and Tau Beta Pi (the Engineering Honor Society), and also served as the chairperson on the NFPA 70B Electrical Equipment Maintenance committee and principal member of Code Making Panel 20 of NEC on Critical Operation Power Systems. Since retirement, he formed an engineering consulting company (Hanahou Enterprises LLC), working for various companies on power quality investigation, expert witness services, project management, and new product development, as well as a construction company (Hanahou Home Improvement LLC). Richard has authored over 200 articles for technical journals, more than 20 papers for technical conferences, taught countless seminars, and authored the *Power Quality Analysis* book for NJATC, published 2010.

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., April 1st, 2014
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided
Please RSVP by Fri., Mar. 28th, 2014**

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 2014 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 | \$ 50.00 |
| 2. <input type="checkbox"/> | Meeting – Non-Member | \$ 70.00 |
| 3. <input type="checkbox"/> | Mtg. & 2014 Membership | \$ 75.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$110.00 |
| 5. <input type="checkbox"/> | 2014 Membership (1 yr.) | \$ 30.00 |
| 6. <input type="checkbox"/> | 2014-2016 Membership (3 yr.) | \$ 75.00 |

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 717.252.4730) 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 Fri., March 28th, 2014
Please be complete in filling out registration.

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