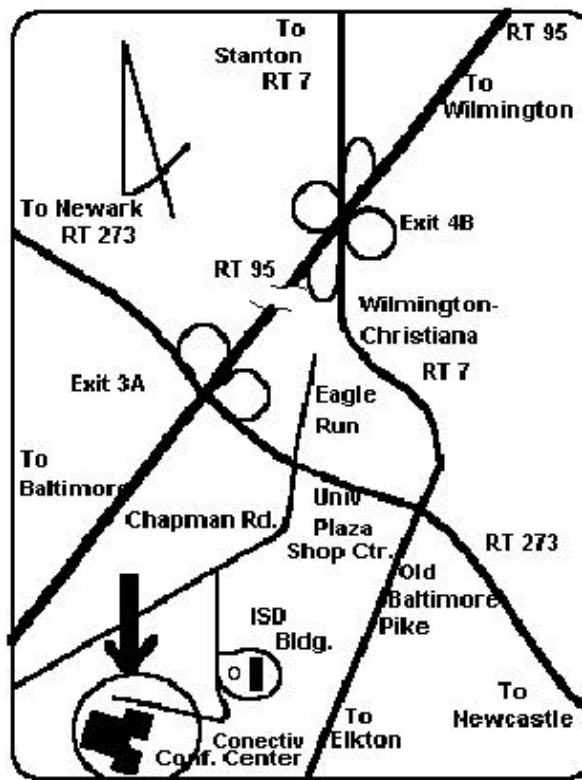




The **Delaware Valley Power Quality Group** is a volunteer not-for-profit organization dedicated to providing a state of the art educational forum for the exchange of information pertaining to Power Quality issues and the most technically up to date products and practices.

Directions and map



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, September 12, 2002 at

**Conectiv
Conference Center
Chapman Road
Newark, Delaware**

Meeting Agenda:

- I. A History of Power Quality Monitoring Instrumentation.**
- II. A Discussion of Lock Washers, Solid-state Relays, and Wire-stripping: How a Senior Engineer Thinks.**

Main Speaker:

**Alex McEachern
President, Power Standards Laboratory**

I. A History of Power Quality Monitoring Instrumentation.
II. A Discussion of Lock Washers, Solid-state Relays, and Wire-stripping: How A Senior Engineer Thinks.

Speaker: Alex McEachern, Power Standards Laboratory — Alex McEachern regularly speaks at national and international conferences on electric power quality. He is a director of WPT (the parent company of Dranetz-BMI, Electrotek, and Daytronic), the founder of BMI, the former president of both BMI and Electrotek, and the author of everything from the Electric Power Measurements chapter of the Encyclopedia of Electrical and Electronics Engineering to the industry-standard Handbook of Power Signatures. These days he is concentrating his efforts on the Power Standards Laboratory, which provides equipment and services to verify compliance with electric power standards.

Active in drafting and approving international power standards, Alex represents the United States on the International Electrotechnical Commission (IEC) TF77A Working Group 9, which is setting the standard for power quality instruments. He is a Senior Member of the IEEE, Chairman of IEEE 1159.1, and a voting member of the IEEE Standards Coordination Committee on Power Quality.

Among all his accomplishments, McEachern is proudest of the fact that companies that he has created have been responsible for over 2,000 man-years of employment.

He is a reasonably inventive fellow, with 27 U.S. patents awarded so far, and he is well known for his cheerful, thought-provoking speeches.

Program Summary:

- I. *A History of Power Quality Monitoring Instrumentation. This session includes hands-on exhibits and practical anecdotes from 25 years around the world.*
- II. *A Discussion of Lock Washers, Solid-state Relays, and Wire-stripping: How a Senior Engineer Thinks. This session will deal with practical illustrations of real-world problems and the thought process needed to eliminate them. For example, using the wrong type of lock washer on a PC board can result in circuit failure.*

Upcoming December Program:

Mike Holt on "Grounding and the 2002 National Electrical Code" at the Shady Maple Restaurant, East Earl, PA - Tuesday, December 3, 2002. Watch for special early bird registration pricing for DVPQG members to attend this 2002 NEC based seminar.

Meeting Information:

**Place: Conectiv
Conference Center
Chapman Rd
Newark, DE**

**Date: Thursday, September 12, 2002
Time: 10:00 PM to 3:00 PM**

**Lunch Will Be Provided
Please respond by Monday, Sept. 9, 2002**

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 2002 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. Meeting – DVPQG Member \$ 35.00
- 2. Meeting - Non-Member \$ 55.00
- 3. Mtg. & 2002 Membership \$ 60.00
- 4. Meeting & (3) yr. Membership \$105.00
- 5. 2002 Membership Only \$ 30.00

(Pre-registration is preferred. Registration at the door is \$5.00 extra. Due to the costs of the meeting facilities and catering, the following registration cancellation policy applies: Pre-registration obligates the registrant to pay for the meeting unless he/she cancels the registration before the respond date below.)

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 265
Wrightsville, PA 17368

Please respond by Monday, Sept. 9, 2002
Please be complete in filling out Registration

You may also pre-register by E-mail to registrations@dvpqg.org and then mail your payment or bring it to the meeting.