



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.

On behalf of:

You are cordially invited to the
Quarterly Meeting of the
Delaware Valley Power Quality Group

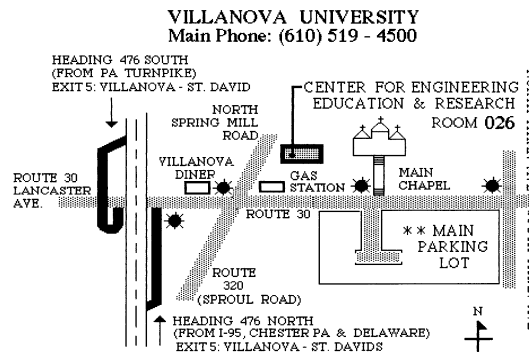
to be held from 10:00 a.m. to 3:00 p.m. on
Tuesday, May 16, 2000

**Center for Engineering
Education & Research
Villanova University
Villanova, PA**

Meeting Agenda:

**Power Quality Considerations
Powering, Grounding, Conditioning**

Main Speaker:
John Waggoner
Director of Power Quality Programs
TEGG Corporation



** PARK IN MAIN LOT.
PUT A SIGN INSIDE YOUR CAR ON THE
FRONT WINDSHIELD. IT SHOULD READ:

ONE-DAY VISITOR
ATTENDING SEMINAR AT CEER BLDG
(CAMPUS CONTACT: PROF. MERCEDE)



Power Quality Considerations Powering, Grounding, Conditioning

Speaker: Mr. John Waggoner – Director of Power Quality Programs for TEGG Corporation. Mr. Waggoner has broad experience including hands-on maintenance of solid state and rotary UPS systems, oversight of the installation and protection of sensitive electronic equipment, and instruction to installers on power conditioning, grounding, and transient protection. In addition, Mr. Waggoner has special expertise in the conduct and analysis of harmonic interaction surveys, and using this information to guide facility managers in improving both energy efficiency and uptime.

Mr. Waggoner has written and lectured widely in the field of power quality and system interactions. He currently serves as an instructor for the Association of Energy Engineers' Fundamentals of Power Quality training and refresher program.

Program Summary- Powering and Grounding: Review of acceptable building grounding systems, performance power distribution practices, single point grounding, and signal reference grounding. Power Conditioning: Review of voltage disturbances and ITIC curve, voltage regulators, UPS, motor generator applications, solid state and fast transfer systems, ride through considerations. Mr. Waggoner will speak about each of the issues listed above under the umbrella of relevant case studies that demonstrate the practical application of the

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 2000 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 \$ 20.00
2. Meeting - Non-Member \$ 40.00
3. Meeting & 2000 Membership \$ 45.00
4. Meeting & (3) yr Membership \$ 90.00
5. 2000 Membership Only \$ 30.00
6. I will be the Paid Guest of

_____ (Name) of

_____ (Company)

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 May 10, 2000
Please be complete in filling out Registration

You may also register by E-mail by sending your registration information to "registrations@DVPQG.org"

Meeting Information:

Place: Center for Engineering
 Education & Research
 Villanova University
 Villanova, PA

Date: Tuesday, May 16, 2000

Time: 10:00 a.m. to 3:00 p.m.

Lunch Will Be Provided
Please respond by May 10, 2000