



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

Elizabethtown is in Lancaster County, PA, North of the town of Lancaster. From Rt. 30 at Lancaster, proceed west on Rt. 283 toward Harrisburg. Travel 18 miles to Elizabethtown/Rheems exit. At bottom of ramp turn left onto Cloverleaf Rd; follow to first traffic light; turn right onto 230 West. Travel into Elizabethtown to Bainbridge Road. Turn left on Bainbridge Road. Turn right onto Masonic Drive. Turn left into entrance for Masonic Homes. Follow signs for Freemasons Cultural Center. Park in large parking lot near statue of Ben Franklin at a Printing Press.

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 Tuesday, October 28, 2003 at

***Masonic Homes – Freemasons Cultural Center
One Masonic Way
Elizabethtown, PA 17022***

Meeting Agenda:

Microturbine Cogeneration Plant Tour

Main Speakers:

**Mr. William N. Luddy, P.E.
IETC**

**Mr. Daniel Kerr, P.E.
McClure Company**

SPECIAL PROMOTION:

**BRING A FRIEND FOR FREE
TO THIS MEETING !!**



Microturbine Cogeneration Plant Tour

Masonic Homes has a new Central Heating Plant (CHP) incorporating five (5) 60 KW natural gas fired microturbine generators. The microturbines generate electricity and hot water for the campus of buildings. Masonic Homes is a retirement community located on 1,400 acres of picturesque Lancaster County farmland. Masonic Homes is home to 1,400 residents and over 1,200 staff housed in 267 buildings.

PPL Energy Service Holdings, McClure Company, and Innovative Engineering Testing Construction (IETC) teamed up to perform engineering, procurement and construction of the new facility. The facility replaced an old coal fired boiler plant. The turbines satisfy a small percentage of the hot water continuously required by the residents. Dual fuel boilers provide supplemental hot water capacity. The electricity generated is used on campus to reduce purchased electricity from the electric utility (PPL).

Mr. Bill Luddy, P.E., President of IETC and Mr. Dan Kerr, P. E., Director of Design Build Services for McClure Company, will be the main speakers. IETC and McClure have performed a number of design/build projects together. The design/build cogeneration project incorporates the latest control technology and redundant heating equipment for project reliability. IETC is an electrical engineering, testing and construction firm with power quality and new power technology expertise. McClure Company is a large, mechanical design/build contractor, a PPL Company, and is the leader in construction of mechanical systems for this area.

A Power Point presentation will be provided to give an overview of the project, followed by a plant tour of the facility. Part of the equipment is outside, and the walk to the plant is approximately 0.25 mile, so please dress appropriately according to the weather.

Meeting Information:

**Place: Masonic Homes
Freemason Cultural Center
One Masonic Drive
Elizabethtown PA 17022**

**Date: Tuesday, October 28, 2003
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided
Please RSVP by Friday, October 17, 2003**

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 2003/2004 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. & 2004 Membership \$ 60.00**
4. **Meeting & (3) yr. Membership \$105.00**
5. **2004 Membership Only \$ 30.00**
6. **I will bring a first time attendee with me. I
completed registration is attached. His/her name is**

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 the DVPQG treasurer (i.e. email: treasurer@dvpqg.org) 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 October 17, 2003
Please be complete in filling out registration.**

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