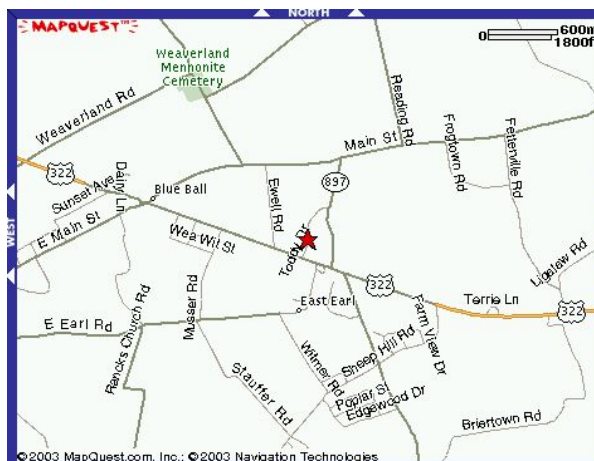




The **Delaware Valley Power Quality Group**, established in 1993, is a volunteer not-for-profit organization dedicated to providing a state-of-the-art educational forum for the exchange of information pertaining to Power Quality issues and the most technically up to date products and practices.

**HELP CELEBRATE OUR 30TH YEAR
ANNIVERSARY BY ATTENDING**



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.

On behalf of:

You are cordially invited to the
next upcoming meeting of the

Delaware Valley Power Quality Group

To be held from 10:00 AM to 3:00 PM on
Thursday, May 25th, 2023 at

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

Meeting Agenda:

**PJM – Our Electric Power Grid
and How It Benefits All of Us**

Main Speaker:

**Michael Zhang
Manager of Generation, PJM**

**DVPQG HAS BEEN IN
EXISTENCE FOR 30 YEARS THIS
YEAR!**

**CELEBRATE BY RENEWING YOUR
DVPQG MEMBERSHIP FOR 2023.**

PJM – Our Electric Power Grid and How It Benefits All of Us

Program Description:

PJM – The regional electric power transmission organization that coordinates and controls the movement of wholesale electricity in 13 States plus the District of Columbia. This includes all of Pennsylvania, New Jersey, Maryland and parts of other surrounding States.

This will be a one day seminar and panel discussion that introduces the organization, the functions and the programs of PJM. We often take reliable, distortion free electricity for granted. PJM works behind the scenes to deliver electrical power from the generators to the transmission lines.

Topics Include:

- What is PJM?
- How many people does it serve?
- What geographical areas does it cover?
- Where does it get its authority to control electricity?
- How is the wholesale price of electricity determined?
- How are individual generators including renewables connected and controlled?
- How is Transmission Power Controlled?
- How are disruptions to the Power Grid monitored and how are they prevented?
- How are customer demand requirements monitored and how is electric power routed to where it is needed?
- What are Demand Response Programs and how do they benefit customers?
- How can retail customers be rewarded for demand reductions during periods of peak energy usage?
- How much of the Grid is from renewables and how are they monitored?
- What information is on the PJM Dashboard?
- What are PJM's market goals?

If time allows, we will have a panel of DVPQG Board Members provide questions for PJM on issues that affect the utility suppliers and their customers. Member questions will also be encouraged.

Speaker: Michael Zhang, Manager of Generation, PJM

Michael Zhang is currently Manager of Generation at PJM. An experienced SCADA Engineer in the utilities industry skilled in Matlab, Energy, SQL, Power Systems, and Requirements Analysis. Strong engineering professional with a Master of Science (M.S.) focused in Engineering Management from Drexel University. He has served as an Assistant Adjunct Professor at Temple University.

Meeting Information:

**Place: Shady Maple Smorgasbord
Banquet Facility Room
129 Toddy Lane
East Earl, PA 17519**

**Date: Thursday, May 25th, 2023
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided
Please RSVP by midnight
Mon., May 22nd, 2023**

(Fillable PDF form can be saved and e-mailed back.)

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____

E-Mail: _____

Category: ☐ Academic ☐ Contractor ☐ Utility
☐ Consultant ☐ Manufacturer (Rep) ☐ End User

Registration Fee:

To become a 2023 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. <input type="checkbox"/> | Meeting – DVPQG Member | \$ 55.00 |
| 2. <input type="checkbox"/> | Meeting – Non-Member | \$ 75.00 |
| 3. <input type="checkbox"/> | Mtg. & 2023 Membership | \$ 80.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$115.00 |
| 5. <input type="checkbox"/> | 2023 Membership (1 yr.) | \$ 30.00 |
| 6. <input type="checkbox"/> | 2023-2025 Membership (3 yr.) | \$ 75.00 |

SEATING IS LIMITED and PRE-REGISTRATION and PAYMENT IS REQUIRED! Please note that we have revised our cancellation and no show policy. No refund or credit will be provided for attendee cancellation or no-show.

Please mail registration check payable to “Delaware Valley Power Quality Group, Inc.” to:

DVPQG Registrations
225 N. 3rd. Street
Emmaus, PA 18049-2713

Please respond by midnight Mon., May 22nd, 2023.

Please complete this registration form, save with a new name, and return by E-mail to registrations@dvpqg.org and then mail your payment to the address above.

Attendees receive Certificate of Completion!
(Applicability and credit may vary between jurisdictions)