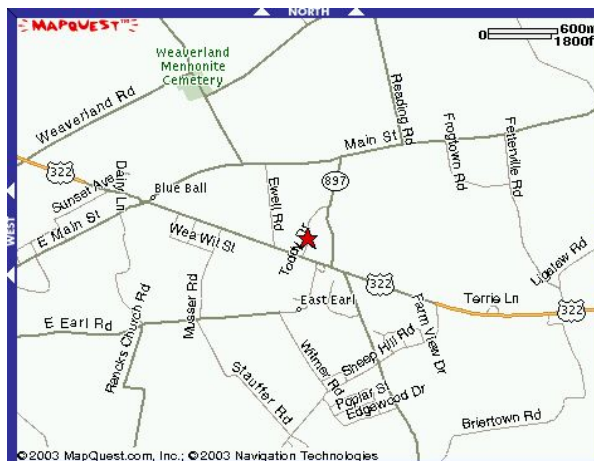




The Delaware Valley Power Quality Group, established in 1993, is a volunteer not-for-profit organization dedicated to providing a state-of-the-art educational forum for the exchange of information pertaining to Power Quality issues and the most technically up to date products and practices.



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.

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 **Wednesday, October 23rd, 2024** at

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

Meeting Agenda:

PJM – Our Electric Power Grid Operation of Generation and Transition to Renewables

Main Speaker:

**Vince Stefanowicz
Principal Engineer, Generation
PJM Interconnection, LLC**

IT'S TIME TO RENEW YOUR DVPQG MEMBERSHIP FOR 2025. 3 YEAR RENEWAL IS THE BEST VALUE!



PJM – Our Electric Power Grid Operation of Generation and Transition to Renewables

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.

Staff from PJM Interconnection will discuss various topics related to power generation, including the ongoing transition to renewable resources. Topics include:

- Operation of various generation resources and the types of reliability attributes each provides, including frequency response, voltage control, ramping, fuel assurance, and flexibility
 - How PJM schedules and dispatches generation resources and how Locational Market Price (LMP) is determined
 - How reserves are determined as both a percentage of load and type of generation
- Transition to renewable resources, including history and future developments
 - What are the frequency stability benefits of rotating machines vs Inverter Based Resources (IBR)
 - Anticipated improvements of Inverter Based Resources (IBR) into the future
 - Practical technical limits to renewable generation resource integration and the limiting factors - e.g. frequency and voltage control
- Growth of energy storage and role in grid of the future
- Experience of PJM during the Solar Eclipse based on presentations made to PJM committees
- Rapid Growth of Co-located load for crypto currency mining and data center load.

Speaker: Vince Stefanowicz, PJM Interconnection, LLC

Vince Stefanowicz has over 38 years of practical experience in all facets of power grid operations, including transmission & distributions operations, generation dispatch, first line supervision, and department leadership. Vince is currently a principal engineer working in the Generation Department at PJM Interconnection, LLC. Vince's skills include proficiency in NERC reliability standards & compliance, ISO/RTO operating procedures & stakeholder processes, generation asset integration, project management, implementation & support of energy management systems, and system operator training & certification.

Meeting Information:

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

**Date: Wednesday, Oct. 23rd, 2024
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided
Please RSVP by midnight
Thur., Oct. 18th, 2024**

(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 2024/2025 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. & 2024/2025 Membership | \$ 80.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$115.00 |
| 5. <input type="checkbox"/> | 2024/2025 Membership (1 yr.) | \$ 30.00 |
| 6. <input type="checkbox"/> | 2025-2027 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 Thur., Oct. 18th, 2024.

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)