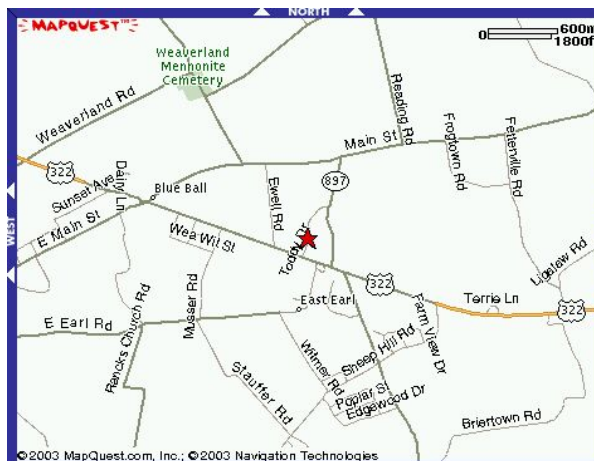




On behalf of:

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 2<sup>nd</sup> traffic light then take Route 23 West (becomes Main St.) for approximately 10 miles to Route 897 to Toddy Lane.

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, April 18<sup>th</sup>, 2024 at**

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

Meeting Agenda:

**NFPA 70E - Electrical Safety in the  
Workplace:  
2024 Updates and Design/Application  
Town Hall**

Main Speaker:

**Al Baum, P.E.  
AB Engineering, LLC**

**IT'S TIME TO RENEW YOUR DVPQG  
MEMBERSHIP FOR 2024. 3 YEAR  
RENEWAL IS THE BEST VALUE!**

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## NFPA 70E – Electrical Safety in the Workplace: 2024 Updates and Design/Application Town Hall

### Program Description:

Our speaker, Al Baum, will provide a presentation on the significant technical changes incorporated in the most recent 2024 edition of *NFPA 70E, Electrical Safety in the Workplace* since it was last issued in 2021. As part of the program, the following topics that are integral to this critical work place safety standard will be covered:

- Electrical safety program
- Arc flash risk assessment
- Incident energy analysis methods including IEEE 1584
- Arc flash labeling for plant equipment
- Examples of arc flash analysis

The afternoon portion of the program will include a Design/Application Town Hall addressing member's everyday questions and concerns involving examples and application of short circuit, coordination, and arc flash compliance. Members will be encouraged to share experiences and learn from others about application challenges that they have experienced with arc flash compliance.

### Speaker: Al Baum, P.E., AB Engineering, LLC

Mr. Baum possesses over 30 years of industrial power systems and utility generation experience. His professional career began in 1988 with Westinghouse Power Generation Service, later moving to the Westinghouse Power Systems Engineering group. After supporting the startup of Cutler-Hammer's new engineering service group, Mr. Baum moved to Square D Engineering Services in the summer of 1999 where he remained until 2006 and was responsible for leading, building, and managing Square D's Engineering Services business with regional coverage from Maine to South Carolina. In January 2007, Mr. Baum separated from Square D to startup his own engineering consulting practice.

AB Engineering, LLC is an independent electrical engineering consulting firm focused on providing accurate, reliable, and timely power engineering services to the industrial/commercial markets. Power engineering services offered include: Short Circuit Studies, Device Coordination, Arc Flash, Load Flow, Motor Starting, Power Quality, System / Equipment Assessments, Investigative Troubleshooting, Technical Training, and General Power Systems Engineering Consulting. To-date, Mr. Baum has performed or has been in responsible charge for well over 1000 arc flash studies.

Mr. Baum holds the BS degree in Electrical Engineering from West Virginia Institute of Technology (1987), the Master of Business Administration from Widener University (1998), and the MSEE in Power Engineering from Drexel University (2003). He is a 30yr member of IEEE, a former board member of DVPQG, and holds Professional Engineer licenses in PA, NY, NJ, DE, MD, and VA.

### Meeting Information:

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

**Date: Thursday, April 18<sup>th</sup>, 2024  
Time: 10:00 AM to 3:00 PM**

**Lunch Will Be Provided  
Please RSVP by midnight  
Mon., April 15<sup>th</sup>, 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 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 Membership       | \$ 80.00 |
| 4. <input type="checkbox"/> | Meeting & (3) yr. Membership | \$115.00 |
| 5. <input type="checkbox"/> | 2024 Membership (1 yr.)      | \$ 30.00 |
| 6. <input type="checkbox"/> | 2024-2026 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. 3<sup>rd</sup>. Street  
Emmaus, PA 18049-2713

### Please respond by midnight Mon., April 15<sup>th</sup>, 2024

Please complete this registration form, save with a new name, and return by E-mail to [registrations@dvpgg.org](mailto:registrations@dvpgg.org) and then mail your payment to the address above.

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