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.

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 26<sup>th</sup>, 2022 at

Shady Maple Smorgasbord 129 Toddy Lane East Earl, PA 17519

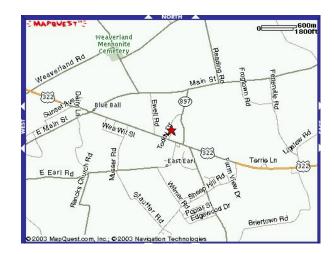
Meeting Agenda:

Power Quality Basics, IEEE Standards and PQ Event Analysis

Main Speaker:

Gabe Brieva & Chad Kennedy Schweitzer Engineering Laboratories, Inc.

MEMBERSHIP FOR 2023. 3 YEAR
RENEWAL IS THE BEST VALUE!



#### 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.



# Power Quality Basics, IEEE Standards and PQ Event Analysis

## Program Description:

- 1. Power Quality Basics including voltage sags, voltage impulses, harmonic distortion, switching transients, interruptions and more will be reviewed and demystified. Schweitzer Engineering Labs will describe and demonstrate new power quality meter technologies that can be employed in capturing power quantity and quality events that affect facilities,
- 2. IEEE Standards that address Power Quality issues including IEEE 519 and IEEE 1547 will be reviewed SEL will discuss how these standards should be used in conjunction with advanced power quality metering technologies in the analysis of power quality.
- 3. Power Quality Event Analysis will be reviewed and explained by experts with emphasis on how Power Quality Meters and the analysis of data can be used to evaluate disruptive power quality events and how such events affect facility equipment and end-users. Actual recorded events and case studies will be used help identify crucial power quality parameters and root causes.

## Speaker: Gabe Brieva, Schweitzer Engineering Laboratories, Inc.

Gabe Brieva earned his Bachelor of Science in Electrical Engineering from Drexel University in Philadelphia, PA in 2017. He joined Schweitzer Engineering Laboratories, Inc. in 2017 and works as a protection application engineer in King of Prussia, PA focusing mainly on transmission line protection and emerging technologies. He has been an IEEE member for 5 years.

## Speaker: Chad Kennedy, Schweitzer Engineering Laboratories, Inc.

Chad Kennedy earned his Bachelor of Science in Electrical Engineering from University of Dayton, Dayton, OH in 2006. He joined Schweitzer Engineering Laboratories, Inc. in 2012 and works as a protection application engineer in King of Prussia, PA focusing mainly as SEL's local meter expert over the last seven years. He has been an IEEE member for 13 years.

# Meeting Information:

Place: Shady Maple Smorgasbord Banquet Facility Room 129 Toddy Lane East Earl, PA 17519 Date: Wednesday, Oct. 26th, 2022

Time: 10:00 AM to 3:00 PM

<u>Lunch Will Be Provided</u> <u>Please RSVP by Mon., Oct. 24<sup>th</sup>, 2022</u> (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 2022/2023 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.	\$ 55.00 \$ 75.00 \$ 80.00 \$115.00 \$ 30.00 \$ 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., Oct. 24th, 2022.

Please complete this registration form, save with a new name, and return by E-mail to <a href="mailto:registrations@dvpqg.org">registrations@dvpqg.org</a> and then mail your payment to the address above.

Attendees receive Certificate of Completion for 4.0 Hours! (Applicability and credit may vary between jurisdictions)