



IEEE-IAS INDUSTRY APPLICATIONS SOCIETY (BALTIMORE)

MEETING



The Institute of Electrical and Electronic Engineers - Industry Applications Society are pleased to announce the upcoming Dinner Meeting. Information regarding the meeting is as follows:

Date: **Wednesday, January 15th 2025**

Time: 6:00 – 7:00 Social Hour / Open Bar
7:00 – 8:00 Dinner
8:00 – 9:00 Program
9:00 – 9:30 Follow-up / Social

Topic: **Power System Protective Relaying Basics**

Description Protective relays are critical components of the electrical power grid and selected customer-level distribution systems. They serve to quickly identify abnormal or dangerous conditions, then initiate appropriate isolation, switching, or alarm actions as needed. Discussion will include an overview of fundamental feeder protection functions (ANSI/IEEE device numbers 50/51, 27/59, 81 and 25), bus differential basics (87; high vs. low impedance differential protection), and arc flash protection. Relay communication protocols, including mirrored bits, will also be included.

Speaker: Angela Herb received her B.S. in electrical engineering from Widener University in 2020 and her M.S. in electrical engineering from Drexel University in 2024. In 2018, she joined Schweitzer Engineering Laboratories, Inc. (SEL) as an application engineering intern, and currently works as a Protection Application Engineer in King of Prussia, Pennsylvania. She currently holds her Engineer in Training (EIT) certification and is a member of IEEE.

Cost:

\$60.00 (Members Paid-in-Advance) *Reservation Deadline: 1/13/2025*

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\$65.00 (Non-members Paid-in-Advance / Members Paid-at-Door)

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\$70.00 (Non-members Paid-at-Door)

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Place: Olive Grove Restaurant, 705 N. Hammonds Ferry Road, Linthicum Heights, MD 21090

Credits: 1 PDH (Professional Development Hour)

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