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, November 18th 2026**

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: How to upgrade a functioning facility

Description:

How to Upgrade a Functioning Facility

How do you modernize an aging electrical distribution system while keeping a critical facility fully operational? Join us for an informative presentation exploring the challenges, strategies, and lessons learned from the ongoing electrical infrastructure modernization at Northrop Grumman's BWI facility. This 74-acre campus features an extensive electrical distribution network serving 85 substations, with infrastructure dating back to the 1950s. The presenters will discuss the planning, design, and implementation of major electrical upgrades, including medium-voltage distribution, substations, bus duct replacements, panelboards, and emergency power systems—all while minimizing disruptions to daily operations.

The presentation will highlight innovative approaches to improving electrical safety, system reliability, operational flexibility, and long-term sustainability. Attendees will gain insight into advanced power monitoring technologies, arc-flash mitigation, outage planning, and the coordination required to execute complex electrical upgrades within an active facility. The discussion will also explore Northrop Grumman's phased, multiyear modernization strategy and how each completed project establishes the foundation for future improvements. This presentation offers valuable real-world lessons for engineers, facility managers, contractors, and industry professionals involved in maintaining and modernizing critical electrical infrastructure**.**

Speakers:

Kevin Maynard, P.E. Engineering Manager – Potomac Testing, an IPS Company

Kevin Maynard, P.E., serves as Engineering Manager for Potomac Testing, an IPS Company, bringing extensive experience in electrical power systems engineering, testing, and safety. His career spans both field operations as a NETA technician and engineering and design as a power systems engineer, providing him with a unique perspective on electrical hazards, system reliability, and workplace safety. Kevin is a licensed Professional Engineer in 11 states and a published author in both IEEE and NETA publications. He has also been appointed to serve as an electrical engineering representative on Pennsylvania's building codes review advisory panel, further demonstrating his commitment to advancing electrical safety, engineering standards, and industry best practices.

Jeffrey Evans

Senior Principal Electrical Engineer – Northrop Grumman Corporation, Mission Systems Division

Jeffrey Evans is a Senior Principal Electrical Engineer with Northrop Grumman Corporation's Mission Systems Division, where he oversees electrical power distribution projects involving new construction and renovations across approximately two million square feet of production and testing facilities. Prior to joining Northrop Grumman, Jeff served as an Engineering Consultant and Project Manager with James Posey Associates, Inc., supporting clients including the Architect of the Capitol, National Institutes of Health, Procter & Gamble, and several Maryland public and private school systems. He earned his Bachelor of Science in Electrical Engineering from Johns Hopkins University. A lifelong Maryland resident, Jeff enjoys spending time with his family, golfing, and cheering on the Baltimore Ravens and Washington Capitals.

$75.00 (Members Paid-in-Advance) **Add to Cart**

$80.00 (Non-members Paid-in-Advance **Add to Cart**

$85.00 (Non-members Paid-at-Door Or after Registration Deadline) **Add to Cart**

Place: Jimmys Famous Seafood, 6526 Holabird Ave, Baltimore, MD 21224

Credits: 1 PDH (Professional Development Hour)

TO REGISTER, VISIT OUR WEBSITE AT http://www.iasbaltimore.org *Credit cards accepted*

Mail reservations to: Leonard Bathgate, 9 First Avenue West, Glen Burnie, MD 21061
Phone: 443-790-5856 email: admin@iasbaltimore.org

Make checks payable to: IEEE-IAS ***Reservation Deadline: 11/16/2026***