



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 21st 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: **Mission Critical Commissioning**

Description: This presentation delivers a practical overview of the commissioning process for mission-critical and high-reliability facilities, with a primary focus on electrical systems and data centers. It explains what commissioning is, why it is essential, and how it functions as a systematic, verification-driven process to ensure complex building systems perform as intended. Attendees are guided through the full commissioning lifecycle—from Owner's Project Requirements (OPR) and Basis of Design (BOD) through construction verification, functional performance testing, and integrated systems testing—using real-world examples. The session outlines commissioning Levels 0 through 5, clarifies key testing methods and documentation, and highlights differences across facility types such as data centers, healthcare, and government facilities, concluding with best practices for turnover, operational readiness, and risk reduction in critical infrastructure environments.

Speaker: Brian Green currently serves as Vice President of Operations at Critical Commissioning and Engineering (CCxE), where he leads commissioning services focused primarily on hyperscale data centers and secure facilities for major corporations and U.S. Government agencies. CCxE works with five of the top eight hyperscalers and commissions approximately 100 MW of data center capacity annually, a figure that continues to grow year over year. I have taught at multiple industry conferences, served on construction-industry committees responsible for updating national standards, and regularly engage in engineering education as a guest lecturer at institutions ranging from STEM high schools to Clemson University.

Brian's career path into commissioning was shaped by his early experience at the Pentagon following the events of September 11, 2001, which redirected his focus toward designing, implementing, and ultimately validating mission-critical systems. This work led him to commissioning as a means of proving system performance through rigorous, scenario-based testing. Brian holds a B.S. in Mechanical Engineering from Rochester Institute of Technology and an M.S. in Business from Virginia Tech, and is currently completing a Doctorate of Business at the University of Maryland with research focused on data centers and utility-grid impacts. Brian is a licensed PE and hold multiple commissioning, energy, and sustainability certifications, with project experience across the U.S. and internationally.

\$60.00 (Members Paid-in-Advance) Reservation Deadline: 1/19/21026

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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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