



ASHRAE SAC Post-High Webinar

AI in Action: Daily Tools Transforming Engineering and Construction

The AI wave is not coming - it's already in your project schedule, your submittal review, and your predictive maintenance dashboard. The question is no longer "should we use AI?" but "which tools actually work, and how do I get my team using them by Monday?" Artificial intelligence has moved beyond simple chatbots and internet searches. Today's engineers, commissioning providers, contractors, and facility professionals are navigating a rapidly growing ecosystem of AI tools, agents, and connected workflows.

This practical session moves beyond software demonstrations to show how AI can improve project delivery, organize information, automate repetitive tasks, analyze technical documents and data, and support better decision-making. Walk through real-world examples in HVAC design and equipment selection, construction project management and commissioning, monitoring-based commissioning (MBCx), analytics, and facility operations. Attendees will learn how practical methods are used to develop scopes, review drawings and specifications, organize project records, verify requirements, automate checklists, analyze operational data, and generate project deliverables. The session also includes an interactive exercise to give the audience hands-on experience with AI, while emphasizing professional judgment, verification, and accountability — demonstrating how AI can accelerate work, uncover insights, and improve outcomes while reinforcing a simple principle: the value is not in the tool, but in the decision.

After attending this session, participants will be able to:

- Recognize where current AI capabilities can create value across the building lifecycle, from design and construction through commissioning and facility operations.
- Improve project delivery by using AI to organize information, automate repetitive tasks, analyze technical documents and data, and support decision-making.
- Develop more effective prompts, workflows, and project structures for building projects by defining goals, qualifying information sources, managing project records, and generating more reliable outputs.
- Evaluate AI-generated results using verification, engineering judgment, industry standards, and professional accountability.

Speaker: Tracey Jumper, CCP, FASHRAE

November 9, 2026, at 11 am PST/2 pm EST



Tracey Jumper is a zero-to-one launch operator in the built environment - the person organizations call when there is no manual yet. As Founder and CEO of Fix Happens LLC, she provides commissioning, retrofitting, verification, and operational consulting for mission-critical, healthcare, entertainment, and complex facility portfolios.

Most recently, as Global Director of Data Center Commissioning at Microsoft, Tracey built the global commissioning team that delivered the world's first AI "super-factory" data center campuses. She has founded or co-founded five firms and divisions, including Jump-Start Buildings, Keystone Commissioning, and the Commissioning Division at EMCOR Mesa Energy Systems.

Tracey's contributions to rapid IEQ assessment and improvement protocols for college, school, and hospital campuses, responsible hyperscale data center testing methodologies, and the advancement of existing building commissioning earned her induction into the 2026 ASHRAE College of Fellows and recognition as a Top 20 Woman to Watch in HVAC. She is a contributing expert to The Building Commissioning Handbook and ASHRAE Standard 230: Existing Building Commissioning. She also has held leadership roles across four ASHRAE regions.

A Penn State Architectural Engineering graduate and first-generation college student, Tracey worked construction jobs while earning her degree - an experience that grounded her in both the field and the classroom. While proud of her contributions to the industry, she considers her greatest accomplishment to be developing people and building teams that continue to lead and grow the profession.



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