

# Continuing Education & Training

Welcome to the Whole Building Design Guide's Continuing Education catalog!

For any issues with the course catalog, including accessing previous certificates or completed trainings, please contact WBDG Support at [wbdg@nibs.org](mailto:wbdg@nibs.org)

To access the courses below, please log in to the WBDG.

If you do not have a WBDG account:

1. Click on "Create Account" in the navigation bar at the top of this page
2. Using your email address as your username, fill out the account creation form and click the "Create New Account" button
3. Your account request will be sent to WBDG Support, who will review and approve your request within one (1) business day
4. When you receive your approval email, return to the WBDG Continuing Education portal to log in

## ACCREDITATIONS



High-performance building continuity requires a workforce with advanced competencies in design, construction, operations, maintenance, and sustainable technologies. These courses provided by the WBDG alongside federal and industry partners foster education as an effective and convenient way for building environment professionals to gain valuable *whole building* knowledge from subject matter experts while **earning continuing education credits**.

TITLE	CE DATE	DURATION	TYPE	SPONSOR	ACCRED
Achieving Sustainable Site Design Through Low Impact Development Practices		🕒 1.5 Hours	On-Demand	National Institute of Building Sciences Whole Building Design Guide	AIA
Advanced Building Controls		🕒 21 Hours (Combined)	On-Demand	Department of Defense	PDH
Advanced Energy Storage Systems		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET



TITLE	CE DATE	DURATION	TYPE	SPONSOR	ACCRED
Advanced HVAC Technologies		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Advanced Lighting Controls (ALC)		🕒 12.25 Hours (Combined)	On-Demand	Department of Defense	PDH
Advanced Measurement & Verification for ESPC		🕒 2.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Alternative Water and Strategic Planning		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
An Integrated Approach to HVAC Design and Performance		🕒 1 Hour	On-Demand	Whole Building Design Guide	AIA
Aquifer Thermal Energy Storage (ATES)		🕒 1.5 Hours	On-Demand	Department of Defense	PDH
Barriers to Data Center Efficiency: Insights from Experts and Operators		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Battery Energy Storage System Procurement Considerations		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Benefits of Hybrid Energy Systems for Resilience		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Best Practices for Comprehensive Water Management for Federal Facilities		🕒 4.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Better Benchmarking for Lab Buildings		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Borehole Thermal Energy Storage Systems (BTES)		🕒 1.5 Hours	On-Demand	Department of Defense	AIA PDH
Building Resilience Considerations and Strategies		🕒 1.5 Hours	On-Demand	Whole Building Design Guide	AIA ICC PDH
Building Science Basics		🕒 2 Hours	On-Demand	Whole Building Design Guide	AIA
Cathodic Protection Basics		🕒 1 Hour	On-Demand	Department of Defense	PDH
Combined Heat and Power in Energy Savings Performance Contracts		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	



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Combined Heat and Power: An Integrated Approach to Energy Resources		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Commissioning and TAB of Geothermal Heat Pump Systems		🕒 1.5 Hours	On-Demand	Department of Defense	PDH
Commissioning for Existing Federal Buildings		🕒 4.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Comprehensive Water Management Strategies		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Corrosion Fundamentals		🕒 1 Hour	On-Demand	Department of Defense	PDH
Corrosion Prevention and Control of Utilities and Buried Structures		🕒 1 Hour	On-Demand	Department of Defense	PDH
Corrosion Prevention of Waterfront and Coastal Structures		🕒 1 Hour	On-Demand	Department of Defense	PDH
Cybersecurity Basics for Energy Managers		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Data Center Energy Efficiency: Air Management		🕒 2 Hours	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Data Center Energy Efficiency: Cooling Systems		🕒 2 Hours	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Data Center Energy Efficiency: Electrical Systems		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Data Center Energy Efficiency: Environmental Conditions		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	AIA IACET
Data Center Energy Efficiency: IT Equipment and Software Efficiency		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Data Center Energy Practitioner (DCEP) Training Awareness		🕒 1.5 hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Data Center Toolkit Webinar Series: A Suite of Energy Assessment Tools		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Daylighting Principles and Strategies for Sustainable Design		🕒 1.5 Hours	On-Demand	Whole Building Design Guide	AIA



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Designing and Managing Data Centers for Resilience: Demand Response and Microgrids		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Developing and Prioritizing Resilience Solutions within the Technical Resilience Navigator		🕒 2.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Distributed Wind for Federal Agencies		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Effective Implementation of ASHRAE 90.1 2013 Requirements		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	ICC
Energy and Water Manager Best Practices: Project Planning, Team Building, and Tracking		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Efficiency Expert Evaluations		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Management Basic Training - Tools and Resources for Results		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Modeling		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Savings Performance Contracts (ESPC) Comprehensive Training: Phase 1 and Phase 2		🕒 3 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Savings Performance Contracts (ESPC) Comprehensive Training: Phase 3		🕒 3 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Savings Performance Contracts (ESPC) Comprehensive Training: Phases 4 and 5		🕒 3 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Savings Performance Contracts: Five Phases to Success!		🕒 3.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Energy Savings Performance Contracts: Quality Assurance Over the Life of the Contract		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	
Energy Storage 101 (Energy Exchange 2024)		🕒 1.25 hours	On-Demand	Department of Energy Federal Energy Management Program	IACET



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Energy Storage: Perspectives and Case Studies		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Enhancing Resilience through Utility Partnerships and Utility Energy Service Contracts		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Ensuring Success: Best Practices & Lessons Learned in Financed Energy Projects		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ePB for UESC: Enhancing Project Comprehension and Transparency with eProject Builder		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ESPC ESA Webinar Series: DOE ESPC ENABLE with an ESA		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ESPC ESA Webinar Series: ESPC IDIQ Contract Vehicle Overview		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ESPC ESA Webinar Series: Overview and Requirements		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ESPC ESA Webinar Series: Photovoltaic Project Considerations		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
ESPC ESA Webinar Series: Site-Specific Stand-Alone Contract Vehicle Overview		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Evaluating Your Utility Rate Options		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Facility Management Workforce Development to Maintain OT Cybersecurity		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Factors of Success in Storm Robustness: Design and Installation Best Practices		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Faster Resilience Assessments: An Introduction to the New Technical Resilience Navigator Lite		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
FEMP Cyber Series: 1 Understanding Management's Cybersecurity Priorities		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	ICC



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FEMP Cyber Series: 2 Find Cybersecurity Gaps to Manage Cybersecurity Risk		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	ICC
FEMP Cyber Series: 3 Focusing on Connected OT Cybersecurity Risk		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
FEMP Cyber Series: 4 Understand and Mitigate Cybersecurity Gaps		🕒 1 Hour	On-Demand	Department of Defense Federal Energy Management Program	IACET
FEMP Cybersecurity Training Game - Asteroids		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
FEMP Cybersecurity Training Game - Berzerk		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
FEMP Cybersecurity Training Game - Centipede		🕒 2 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
FEMP Healthy Building Tool Overview		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Financing for UESCs: Ensuring the Best Value for the Government		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
From ePB to CTS: Leveraging eProject Builder for Compliance Tracking System (CTS) Reporting		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Fuel Cells: Advanced Distributed Generation		🕒 1 Hour	On-Demand	National Institute of Building Sciences Whole Building Design Guide	AIA
Fundamentals of Underground Thermal Energy Storage (UTES) Systems		🕒 1.5 Hours	On-Demand	Department of Defense	AIA PDH
Getting More Out of Your Data Center: Tips and Tools for Better Energy Performance		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Goal-Based Contracting for Energy Efficient Buildings		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Hydrogen Fuel Cells and Fuel Cell Electric Vehicles (FCEV): Emerging Applications and Safety Management		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Implementing Microgrids in the Federal Sector: Introduction to Microgrids		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET





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Implementing Microgrids in the Federal Sector: Microgrid Conceptual Design		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Implementing Microgrids in the Federal Sector: Planning for Microgrid Implementation		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Implementing Microgrids in the Federal Sector: Scoping of Microgrids		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Indeterminate Savings ECMs: Get More Savings from Performance Contracts		🕒 1.25 hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Indoor Environmental Quality Analysis and Solutions Interactive Training		🕒 1 hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Indoor Environmental Quality for Energy and Productivity		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Indoor Environmental Quality, Building Health, and Comfort		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Inheriting an ESPC Project Post-award		🕒 1.5 hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Intersection between IT and OT		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Introduction to Resilience: 4 - Water Resilience		🕒 45 Minutes	On-Demand	Department of Energy Federal Energy Management Program	IACET
Introduction to the Distributed Energy Resource Cybersecurity Framework (DER-CF)		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Introduction to the Distributed Energy Resource Risk Manager (DER-RM)		🕒 1.0 hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Introduction to the Energy Management Information Systems Technical Resources Report		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Just-in-Time ESPC Webinars Session 1: Managing Your Investment-Grade Audit		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Just-in-Time ESPC Webinars Session 2: The Critical Path to Success		🕒 1.25 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET




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Just-in-Time ESPC Webinars Session 3: Crossing the Finish Line to Award		🕒 1 Hour	On-Demand	Department of Energy Federal Energy Management Program	IACET
Just-in-Time ESPC Webinars Session 4: ESPC Implementation/Construction Period - Not Your Conventional Design, Build		🕒 2.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Just-in-Time ESPC Webinars Session 5: Ensuring ESPC Project Performance after Acceptance		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Leveraging Advanced Metering Data to Improve Energy Operations and Reporting		🕒 1.25 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Long-term Management of Measurement and Verification (M&V) in Performance Contracts		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Making the Business Case for Resilience Projects		🕒 1.5 Hours	On-Demand	Department of Energy Federal Energy Management Program	IACET
Managing Building Heat Flows		🕒 2 Hours	On-Demand	Whole Building Design Guide	AIA


### WBDG PARTICIPATING AGENCIES


 Department of Energy


 Department of Energy


 Department of State

 Environmental Protection Agency

 Department of Energy

 General Services Administration

 Department of Energy

 National Aeronautics and Space Administration





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