

Event Snap Shot



208 EEx & BBS Sessions



120 Technical EEx Sessions



556 Subject Expert Speakers



97 Sessions offering CEU's



44 GSA FPBTA aligned sessions



75 NDAA supported sessions

3.5 Days

(Plus Pre & Post Workshops)

6 Training Themes & 24 Tracks

3,000 Attendees expected

60%

40%

Public Sector

Private Sector

(Federal, State, Local Gov)

(ESCOs, Utilities, Industry)

WHO IS ATTENDING

Building Owners, Managers, and Operators Federal Facility and Energy Managers Leaders/Policy Advisors/Decision Makers **Sustainability Directors**



High Quality Energy Exchange Training Development

Energy Exchange's high quality technical content is developed by an all volunteer multi sector technical planning team.

of Department of Defense Key Personnel

15

of Leadership Personnel from Federal Civilian Agencies

23

of Private Sector Industry / ESCO SME's

Event Agenda

Monday, August 20, 2018

Pre-Conference



Tuesday, August 21, 2018

Sessions & Trade Show



Wednesday, August 22, 2018

Sessions & Trade Show



Thursday, August 23, 2018 Sessions & Trade Show



Friday, August 24, 2018

Post-Conference

8:00 AM- 6:00 PM	Federal Meetings	Better Buildings Workshops 8:30 AM - 1:00 PM
6:00 FIVI	~	8:30 AM - 1:00 PM



Event Agenda

Opening Plenary

TUESDAY: 9:00 - 10:30 AM

Room: Exhibit Hall A



Leslie Nicholls
Acting Director of Federal Energy
Management Program, DOE



Chip Fulghum
Deputy Undersecretary for
Management, DHS



Hon. Lucian Niemeyer Assistant Secretary of Defense for Energy, Installations, and Environment, DOD



Dr. Martin Keller
Director, National Renewable
Energy Laboratory

Keynote

WEDNESDAY: 12:30 - 2:00 PM

Room: Exhibit Hall A



Dr. Kathleen HoganDeputy Assistant Secretary for Energy Efficiency, DOE



Frank G. Jackson Mayor, Cleveland, OH



Bill Peacock
Chief Operating Officer,
Cleveland Clinc Foundation

Chief Executive Officer and

John Selldorf

President, Legrand



Jason Hartke President, Alliance to Save Energy



Asim Haque Chairman, Ohio Public Utilities Commission

Energy Exchange Compliance - Congressional & Federal Mandates

The Energy Exchange provide curated and customized based on Inter-Agency Energy Management Task Force feedback and input, ensuring the event meets the needs of Federal agencies missions, legislative drivers, and Administration priorities.



97 Technical Session and 14 Pre-Conference Workshops are Accredited



44 Technical Session & 14 Pre-Conference Workshops aligned with FPBTA competencies



75 Sessions support the multiple training requirements from FY2017 & FY2018 NDAA



Energy Exchange (EEx) | Better Buildings Summit (BBS) 2018 Training Themes & Tracks

Workforce, Management, and Policy Drivers	Resilience and Energy Contingency Planning Implementation	Optimized Design, Operations, and Maintenance for Smarter Buildings
Technical Tracks:	Technical Tracks:	Technical Tracks:
T1 (EEx) - Workforce Development and Engagement	T4 (EEx) - Planning for Mission-Driven Resilience	T7 (EEx) - Building Optimization Essentials
CEU - # 5	CEU - # 9 / FBPTA - #4	CEU - # 9 / FBPTA - #8
T2 (EEx) - Policy and Strategies	T5 (EEx) - Continuity of Operations: Resilience and	
CEU - # 1	Contingency Solutions	T8 (EEx) - Data Literacy
	CEU - # 8 / FBPTA - #1	CEU - # 9 / FBPTA - #7
T3 (EEx) - Partnering Strategically with FEMP		
	T6 (EEx) - Distributed Generation: Contribution to Resilience <i>CEU - # 8 / FBPTA - #3</i>	

High-Impact Technologies and Secure Technology Applications	Financing, Performance Contracting, and Utility Partnerships	Integrated Key Sectors: Water, Fleet, and Manufacturing
Technical Tracks: T9 (EEx) - Emerging Technologies CEU - # 9 / FBPTA - #5	Technical Tracks: T11 (EEx) - Financing and Performance Contracting CEU - #9 / FBPTA - #5	Technical Tracks: T13 (EEx) - Water Management and Resilience CEU - # 9 / FBPTA - #4
T10 (EEx) - Cybersecurity Technologies and Control Systems CEU - #9 / FBPTA - #4	T12 (EEx) - M&V and Performance Assurance CEU - #9 / FBPTA - #2	T14 (EEx) - Fleet CEU - # 3

Energy Exchange Courses- Getting Credit

Continuing Education Units

International Association for Continuing Education and Training (IACET) continuing education units (CEUs) are available for the majority of the Energy Exchange training sessions. This year, CEU tests can be taken after sessions end. This year's training will offer 0.2 CEUs for a 1.5-hour training session.

- 1. Attend a CEU-designated session. The majority of sessions are eligible
- 2. Pass a session-specific quiz. For attendees who preregistered for Energy Exchange, quizzes will be available at the end of each business day. For those who registered on-site, quizzes will be available shortly after the end of the 2018 Energy Exchange and Better Buildings Summit. The minimum passing score is 80%.

Attendees should use the following link to access their quizzes on the Whole Building Design Guide course portal: wbdg.org/energy-exchange-2018

Session quizzes will be available through October 31, 2018.

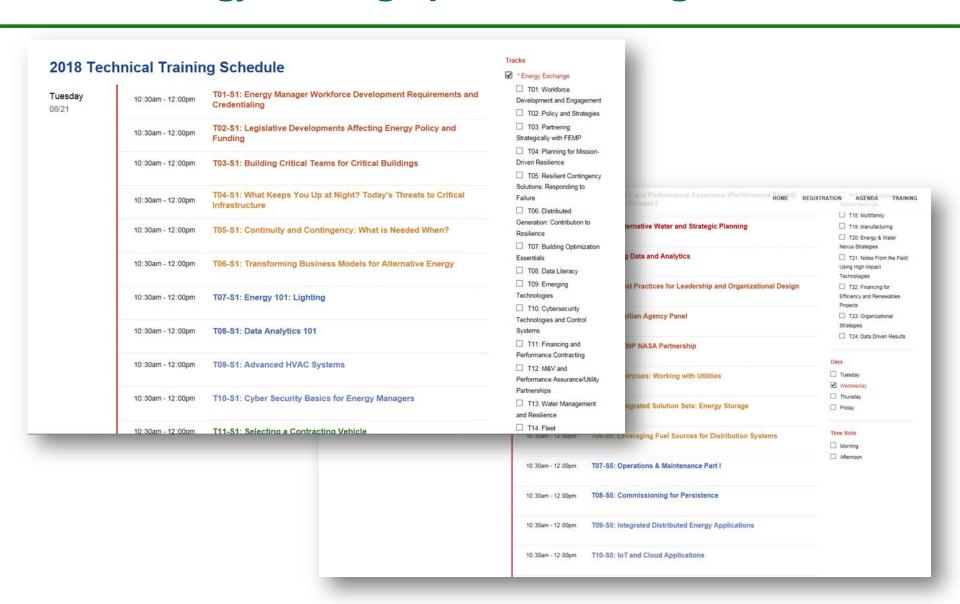
3. Complete the session evaluation administered through the Whole Building Design Guide course portal. Session moderators will discuss CEU requirements at the beginning of each training session.

FBPTA Credits

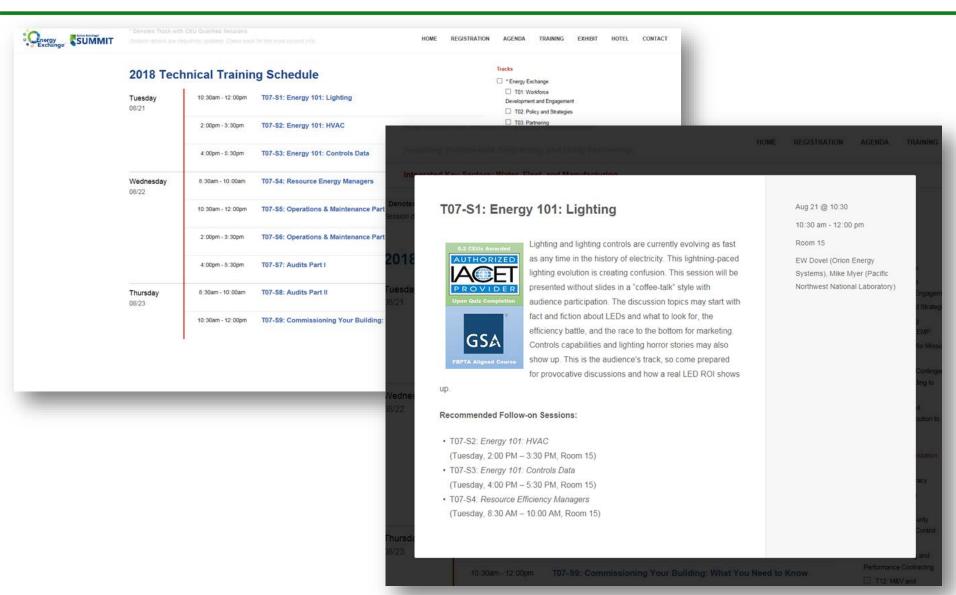
The Federal Buildings Personnel Training Act (FBPTA) of 2010 requires all federal personnel providing building operations and maintenance services to demonstrate competencies necessary to effectively operate government facilities. In general, this will apply to personnel performing facility management, building operations, and energy management roles. The U.S. General Services Administration (GSA) and the Facilities Management Institute (FMI) have developed an online tool for assessment and monitoring of professional development called Accelerate FM.

Where you see the GSA FBPTA symbol or notation in the Agenda Ata-Glance or the session descriptions on pages, you'll know that:

- This session has been aligned with at least one FBPTA performance.
- This session will be automatically uploaded in to AccelerateFM, the FBPTA compliance reporting tool, for all attendees with an account in AccelerateFM.
- If you don't have an account in AccelerateFM, if you create one within 30 days, this session will be uploaded for you.
- If you want to learn more about FBPTA, visit fmi.gov or acceleratefm.us
- Sessions that have been archived will be available for future viewing and can be added to your profile in Accelerate FM for FBPTA credit.



https://www.2018energyexchange.com/training/

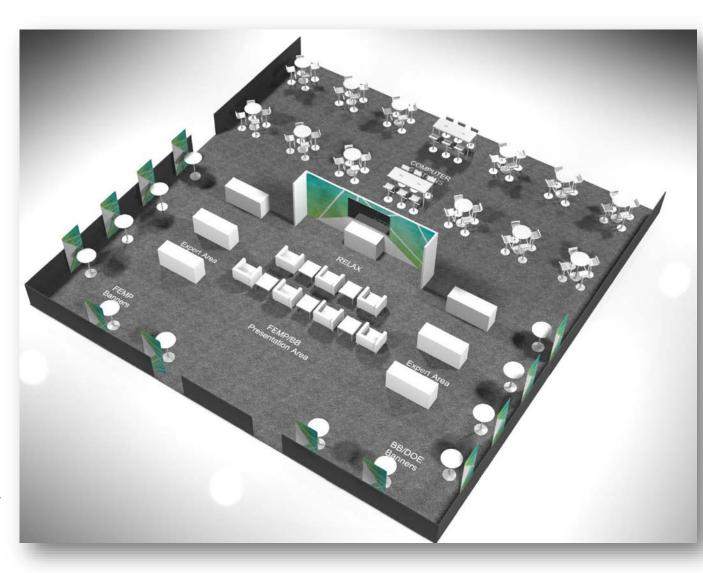


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Event Enhancement: DOE Expert Lounge

Lounge Features:

- Meet and talk with FEMP,
 DOE Staff, and DOE Lab
 Experts
- Attend product and tool demonstrations
- Get updates on the latest tools, products and services from FEMP and DOE
- Complete your CEUs quizzes on computer stations set up in lounge
- Have space to connect with your teams and other in the lounge area



Event Enhancement: DOE Expert Lounge

TUESDAY

10:00-10:30 AM

- Space Conditioning Expert: NREL
- Federal Facility Design and Operations Expert: FEMP
- Specialty Facilities (Federal Labs and Data Centers) Expert: FEMP
- Federal Agency Reporting & Accountability Expert: FEMP

3:30-4:00 PM

- ISO 50001 Ready and Facility Operations Expert: FEMP
- Federal Agency Reporting & Accountability Expert: FEMP
- Federal Workforce Development & Engagement Expert: FEMP

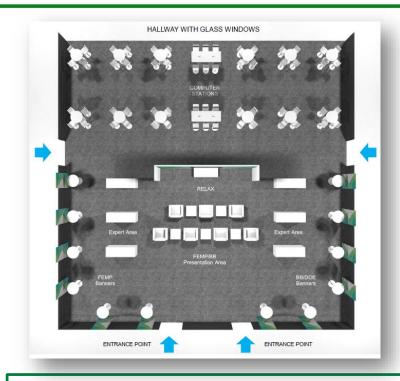
WEDNESDAY

10:00-10:30 AM

- Space Conditioning Expert: NREL
- Home Energy Score Expert: DOE
- Energy Data Management Expert: DOE
- ESPC, UESC, ENABLE and Appropriations Project Development Expert: FEMP
- Distributed Energy and Energy Procurement Expert: FEMP
- Portfolio Resilience Planning and Implementation Expert: FEMP

3:30-4:00 PM

- Building Envelope Expert: ORNL
- Water Efficiency & 50001 Ready Expert: LBNL
- Steam & Energy Assessments Expert: ORNL
- Portfolio Resilience Planning and Implementation Expert: FEMP
- Specialty Facilities (Federal Labs and Data Centers) Expert: FEMP
- Facility Related Control Systems Security Expert: FEMP

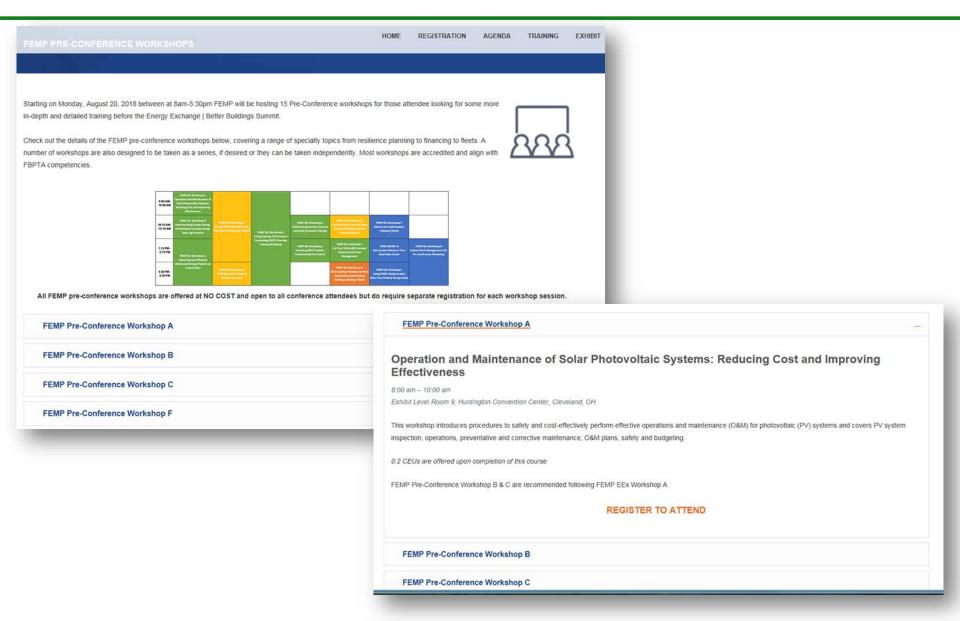


THURSDAY 10:00-10:30 AM

- Plug & Process Loads Expert: Waypoint Building Group
- Building Envelope Expert: ORNL
- DOE Tools Expert: DOE
- Federal Agency Reporting & Accountability Expert: FEMP
- Federal Workforce Development & Engagement Expert: FEMP
- ESPC, UESC, ENABLE and Appropriations Project Development -Expert: FEMP

3:30-4:00 PM

- Plug & Process Loads Expert: NREL
- Process Heating & Waste Recovery Expert: DOE



	Room 9	Room 10	Room 11	Room 16	Room 19	Room 20	Room 21
8:00 AM- 10:00 AM	FEMP EEx Workshop A Operation and Maintenance of Solar Photovoltaic Systems: Reducing Cost and Improving Effectiveness						
10:15 AM- 12:15 AM	FEMP EEX Workshop B Implementing Energy Savings Performance Contract Energy Sales Agreements			FEMP EEX Workshop E Utility Energy Service Contract Executive Summary Training	FEMP EEX Workshop N Tools for Assessment of Cyber Security of Facility- Related Controls Systems		
1:15 PM - 3:15 PM	FEMP EEx Workshop C Executing Cost-		Contracting (ESPC) One-day Training Workshop	FEMP EEX Workshop J Financing ESPC Projects: Fundamentals for Federal	FEMP EEX Workshop L Cut Your Utility Bill: Demand Response and Load Management	FEMP EExWS: O How to Save Money in Your Small Data Center	FEMP EEx Workshop H Federal Fleet
3:30 PM - 5:30 PM	Effective Distributed Energy Projects on Federal Sites	FEMP EEX Workshop K FEMP Support for Natural Disaster Recovery			FEMP EEX Workshop G 2016 Guiding Principles for New Construction and Existing Buildings: Making It Work	FEMP EEx Workshop I Using 50001 Ready to Help Meet Your Federal Energy Goals	Management 101 Pre-Conference Workshop

https://www.2018energyexchange.com/training-session-schedule/femp-pre-conference-workshops

