



**AUGUST 20-22, 2019**  
**COLORADO CONVENTION CENTER**  
**DENVER, COLORADO**



# Energy Exchange 2019 – Schedule



## SCHEDULE OF EVENTS

	Monday	Tuesday	Wednesday	Thursday
8 a.m.				Session 8
9 a.m.	FEMP Workshop Session 1	Opening Plenary	Session 4	Break
10 a.m.	Break	Break	Break	Session 9
11 a.m.	FEMP Workshop Session 2	Session 1	Session 5	Lunch
12 p.m.	Lunch	Lunch	Lunch	FEDS Spotlight Event & Closing Plenary
1 p.m.		FEMP Hub & Energy Exchange Trade Show		
2 p.m.	FEMP Workshop Session 3	Session 2	Session 6	
3 p.m.	Break	Break	Break	
4 p.m.	FEMP Workshop Session 4	Session 3	Session 7	
5 p.m.				
6 p.m.	Energy Exchange Trade Show Reception			
7 p.m.				



# Plenary Events

## Opening Plenary

### **Mr. Daniel Simmons**

*Assistant Secretary, Office of Energy Efficiency and Renewable Energy, DOE*

### **Mr. Alex Beehler**

*Assistant Secretary of the Army – Installations, Energy and Environment*

### **The Honorable Lucian Niemeyer**

*Acting Assistant Secretary of the Navy – Energy, Installations and Environment*

### **Dr. Martin Keller**

*Director, National Renewable Energy Laboratory*

### **Dr. Robert W. Ivester**

*Director, Federal Energy Management Program, DOE*

### **Dr. Teresa R. Pohlman**

*Executive Director, Sustainability and Environmental Programs, DHS*

*Performing the National Anthem*

## Closing Plenary

### **Mr. Alex Fitzsimmons**

*Chief of Staff and Acting Deputy Assistant Secretary for Energy Efficiency, DOE*

### **Ms. Charlotte Skidmore**

*Federal Chief Sustainability Officer at the White House Council on Environmental Quality (CEQ).*

### **Ms. Leslie Nicholls**

*Strategic Director, Federal Energy Management Program, DOE*

## **FEDS Spotlight Presentation**

Recognizing over 40 individuals nominated from their Agencies



# Key Points on Event

## MULTI-SECTOR NETWORKING



25+ Federal Agencies  
500+ Private Sector Companies  
30+ Utilities & Local/State Govts.

## IACET ACCREDITED TRAINING



5 Focus Areas  
13 Training Tracks  
117 Technical Training Sessions

## INNOVATIVE TECHNOLOGY



2.5 Day Trade show  
100+ Exhibitors  
105,000 SF of Exhibit Space

**Over 50 Technical Sessions aligning  
with FBPTA Competencies**



### Where you see the GSA symbol:

- This session has been aligned with at least one FBPTA performance.
- If you want to learn more about FBPTA, visit [www.fmi.gov](http://www.fmi.gov) or [afm.fmi.gov](http://afm.fmi.gov).
- If test are completed, sessions will be added to your profile in Accelerate FM for FBPTA credit.



# FEMP Pre-Event Workshops – Draft Agenda

	FEMP Workshop Series 1 <i>Resilience Strategy and Technologies</i>	FEMP Workshop Series 2 <i>Demand Response and Financing for Resilience</i>	FEMP Workshop Series 3 <i>Building Design &amp; Operations</i>	FEMP Workshop Series 4 <i>Cyber-securing Facility Systems and Related Technologies</i>	FEMP Workshop Series 5 <i>Fleet and Data Center Technologies</i>	FEMP Workshop Series 6 <i>Financing Approaches for Federal Projects</i>	FEMP Workshop Series 7 <i>ESPC Phases to Success</i>	
	Room #TBA	Room #TBA	Room #TBA	Room #TBA	Room #TBA	Room #TBA	Room #TBA	
Session 1 8:00-10:00	WS1-S1 Technical Resilience Navigator: Resilient Portfolio Planning to Support Agency Mission	WS2-S2 Load Reduction Planning with FEDS 8.0	WS3-S1 Facility Re-tuning Overview Workshop	WS4-S2 FEMP Federal Cybersecurity Training & Assessment	WS5-S2 Federal Fleet Management 101 Pre-Event Workshop	WS6-S1 UESC Executive Summary	WS7-S1 ESPC - 5 Phases to Success - Including Resilience	
Session 2 10:15-12:15			WS3-S2 Sustainable Buildings Design and Requirements Workshop			WS6-S2 ENABLE Overview & Strategic Use		
Session 3 1:15-3:15			WS2-S3 Demand Response and Load Management			WS4-S3 Distributed Energy Resource Cybersecurity Framework		WS6-S3 Assuring Performance
Session 4 3:30-5:30			WS2-S4 Lessons Learned from Past Federal Distributed Energy Projects			WS3-S3 Energy Readiness Planning with 50001 Ready		WS4-S4 Procuring Energy Efficient Emerging Technologies

**FREE TO ATTEND**

*DRAFT: Session titles and schedule subject to change*

Note: You will need to pre-register through FEMP Training Website.



# FEMP Pre-Event Workshops – *Relevant to this Group*

## WS3: Building Design and Operations

Session	Time	Session	Room
2	10:15 a.m.- 12:15 p.m.	<p><a href="#"><u>New Construction for Federal Sustainable Buildings: Requirements and Strategies</u></a> (WS3-S2)</p> <p>Focuses on the design process and offers guidance to help agencies implement and interpret the Guiding Principles for Sustainable Federal Buildings and comply with federal statutory requirements for new construction.</p>	407



# EEx Technical Sessions – *Relevant to this Group*

## T03-S03: Federal Sustainable Design Approaches

Track #	Session #	Time	Session	Room
3	3	4:00 pm - 5:30 pm	This session will highlight the different innovative approaches to meet and exceed sustainable design requirements included in federal statutes and in Executive Order 13834: Efficient Federal Operations, which emphasizes efficiency and resiliency for federal buildings. Discussion will focus on the Guiding Principles for Federal Sustainable Buildings and the alternative compliance approaches offered by the United States Green Building Council (USGBC)/Green Business Certification Inc. (GBCI) and the Green Building Initiative (GBI).	303

### Recommended Follow-on Sessions:

**T01-S4:** *Energy Legislation in Congress* (Wednesday, 8:30 AM – 10:00 AM, Room 301)

**T01-S9:** *Coffee Talk with Congressional Staffers* (Thursday, 10:00 AM – 11:00 AM, Room 301)

**T03-S5:** *Designs for Resilience and Grid-Interactive Buildings* (Wednesday, 10:30 AM – 12:00 PM, Room 303)



## EEx Technical Sessions – *Relevant to this Group*

### T03-S05: Designs for Resilience and Grid-Interactive Buildings

Track #	Session #	Time	Session	Room
3	5	10:30 am - 12:00 pm	Hear how the U.S. Department of Defense (DoD) is integrating resilience into facility design and how civilian agencies are turning its buildings into profitable, grid interactive, efficient, resilient resources. In this session you'll learn about advances in resilience planning from DoD, and how the U.S. General Services Administration (GSA) is designing building electrical systems in coordination with utilities to generate mutual benefits.	303

#### **Recommended Follow-on Sessions:**

**T03-S6:** Designing Resilient Microgrids (Wednesday, 2:00 PM – 3:30 PM, Room 303)

**T02-S9:** Turning Results into Action (Thursday, 10:00 AM – 11:00 AM, Room 401)

**T04-S8:** Energy and Water Efficiency Measures for Resilience (Thursday, 8:30 AM – 9:30 AM, Room 403)





## EEx Technical Sessions – *Relevant to this Group*

### T03-S09: Effective Implementation of ASHRAE 90.1 2013 Requirements

Track #	Session #	Time	Session	Room
3	9	10:00 am - 11:00 am	In this session, attendees will learn about the challenges of meeting the ASHRAE 90.1 2013, 30% or better energy reduction requirements in a cost effective manner, and understand approaches to designing cost competitive designs.	303



## Key Events– *Relevant to this Group*

### Advance Your Career Through Training: Federal Buildings Personnel Training Act Open House

**Date:** Wednesday, August 21, 2019

**Time:** 12:45 PM – 1:45 PM MT

#### Session

The General Services Administration’s Facility Management Institute (FMI) is holding an open house to gather input from and provide guidance to Federal Agencies and industry stakeholders directly engaged in implementing the Federal Buildings Personnel Training Act (FBPTA) legislation or directly engaged in training of federal facilities staff, including Energy Managers. During the meeting the FBPTA National Program Manager will:

- Explain how to earn FBPTA credit for attendance at FBPTA-Aligned Energy Exchange Sessions
- Introduce the results of two working groups that led to the creation of a new competency area in Cybersecurity and its associated performances, and the new performances specific to wage grade trades positions such as HVAC Technicians, Carpenters, Electricians and Plumbers.
- Facilitate a Q/A portion during which the participants will be engaged in a discussion and will be solicited to provide input and guidance to improve the FBPTA program.



# ENERGY EXCHANGE

# BE EFFICIENT AND RESILIENT

## AUGUST 20 – 22, 2019

COLORADO CONVENTION CENTER  
DENVER, CO

**Be Efficient And Resilient** – This motto resonates across DOE, the federal government, and the private sector, as all parties strive to support Administration's goals and ensure Federal agency missions through optimized federal operations and replicable cost effective and resilient projects.

This 3-day training, trade show, and peer networking event takes place August 20 – 22, 2019 in the Colorado Convention Center. It features nearly 140 unique training session, 15 technical tracks, over a dozen high profile plenary speakers and endless opportunities to develop professional skills and interact with the larger federal energy/water management community.

<https://www.energy-exchange.com>

### Registration Details

- Public Sector: \$350
- Private Sector: \$645

<https://www.energy-exchange.com/registration/>

### Hotel Information

- New site, with interactive searchable maps and advanced filters

<https://www.energy-exchange.com/hotelandtravel/>

### Training Agenda

- Interactive Sessions and Speaker database

<https://www.energy-exchange.com/training-agenda/>



Have Questions/Comments/Need Assistance?

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