



Energy Exchange 2020 Key Updates



The **Energy Exchange is going virtual in 2020**, bringing efficient-resilient-secure energy and water management solutions directly to wherever YOU are August 10-14, 2020.

This year's Energy Exchange theme, *Empowering Solutions*, is rooted in demonstrating the importance of collaboration and innovation needed to leverage energy efficiency technologies and practices that offer efficient-resilient-secure energy and water management solutions. There by, **sharing proven planning and delivery processes from the energy efficiency-resilience nexus.**

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

Virtual Energy Exchange: August 10–14, 2020

This comprehensive, virtual 5-day training and trade show event will continue to help agencies ensure their facility operations are resilient, efficient and secure. It will feature

- ~40+ Technical Sessions
 - Live streamed and on-demand
 - Additional trainings will be released after the August 10-14 event
- DAS & Sr. Leadership Panels
- Virtual Technology Pavilion
- Virtual FEMP Hub
- Virtual Trade Show
- FEDS Spotlight event



Draft EEx20 Virtual Schedule



EMPOWERING SOLUTIONS

AUGUST 10 MONDAY	AUGUST 11 TUESDAY	AUGUST 12 WEDNESDAY	AUGUST 13 THURSDAY	AUGUST 14 FRIDAY
NEW ON DEMAND TRAINING 9 a.m.	NEW ON DEMAND TRAINING 9 a.m.	NEW ON DEMAND TRAINING 9 a.m.	NEW ON DEMAND TRAINING 9 a.m.	NEW ON DEMAND TRAINING 9 a.m.
ENERGY EXCHANGE WELCOME VIDEO POSTED 9 a.m. - 9:45 a.m.	ENERGY EXCHANGE VIRTUAL TRADE SHOW	ENERGY EXCHANGE VIRTUAL TRADE SHOW	ENERGY EXCHANGE VIRTUAL TRADE SHOW	ENERGY EXCHANGE VIRTUAL TRADE SHOW
EMPOWER WALL 1 p.m. - 2 p.m.	TECH PAVILION	TECH PAVILION	TECH PAVILION	TECH PAVILION 9 a.m. - 12:30 p.m.
OPENING PLENARY (Live) 1 p.m. - 2:30 p.m.	VIRTUAL BUILDING TOURS 9 a.m. - 5 p.m.	VIRTUAL BUILDING TOURS 9 a.m. - 5 p.m.	VIRTUAL BUILDING TOURS 9 a.m. - 5 p.m.	LIVE STREAMED TRAINING 10:30 a.m. - 12 p.m.
ENERGY EXCHANGE VIRTUAL TRADE SHOW 2 p.m. - 4:30 p.m.	LIVE STREAMED TRAINING 10:30 a.m. - 12 p.m.	LIVE STREAMED TRAINING 10:30 a.m. - 12 p.m.	LIVE STREAMED TRAINING 10:30 a.m. - 12 p.m.	LIVE STREAMED TRAINING 10:30 a.m. - 12 p.m.
	FEMP HUB (Live Chat) 12 p.m. - 1 p.m.	FEMP HUB (Live Chat) 12 p.m. - 1 p.m.	FEMP HUB (Live Chat) 12 p.m. - 1 p.m.	CLOSING PLENARY (Live) 1 p.m. - 2:30 p.m.
	R/E/S PANEL 1 p.m. - 2:30 p.m.	CIVILIAN DAS PANEL 1 p.m. - 2 p.m.	DoD DAS PANEL 1 p.m. - 2 p.m.	
	LIVE STREAMED TRAINING 3 p.m. - 4:30 p.m.	AGENCY PERFORMANCE & DATA QUALITY 2 p.m. - 3 p.m.	STRATEGIC ENERGY & WATER MANAGEMENT 2 p.m. - 3 p.m.	
		LIVE STREAMED TRAINING 3 p.m. - 4:30 p.m.	LIVE STREAMED TRAINING 3 p.m. - 4:30 p.m.	
		FEDS Spotlight 5 p.m. - 6 p.m.		

*All Times Are ET

Virtual Technical Training Focus

With delivery of over **40 training sessions in 6 tracks**, resource planners and managers can earn CEUs, find technically validated solutions, and engage with agency leadership and the private sector over the 5-day event.

Additional technical trainings are being planned to be made available to all participants post virtual event on the platform as part of a one-time Energy Exchange extra on-demand offering.

Track A: Engaging with the Federal Government

Track B: Integrating Resilience at Federal Agencies

Track C: Facilities Design and Operations Foundations

Track D: Optimizing Federal Facilities and Portfolios Design & Operations

Track E: Deploying Efficient Technologies in Federal Projects

Track F: Developing Financing for Federal Projects

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

Virtual Technical Training Focus

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

Track #	Virtual Track Title	Virtual Track Description
A	Engaging with the Federal Government	Learn about how and what tools and resources are being used by federal agencies senior leaders to overcome challenges to secure resilient-efficient-secure continuous mission operations, including the incorporation of COVID-19 lessons learned. Hear leadership perspectives from the Department of Defense, Civilian Agencies, the Council on Environmental Quality, the Office of Budget Management, the Department of Energy's (DOE) Office of Electricity and DOE's National Laboratories and others. A session on new contracting requirements will also be included.
B	Integrating Resilience at Federal Agencies	Learn about how federal agencies are addressing resilience. This track will focus on resilience planning and tools, ways to integrate energy and water efficiency opportunities with resilience requirements, and how to empower stakeholders to deliver resilient, efficient, sustainable, and secure solutions. These concepts are key to establishing energy and water resilience, providing energy and water professionals the resources and tools needed to support mission assurance objectives.

A significant portion of the training will continue to be aligned with the Federal Buildings Personnel Training Act, the National Defense Authorization Act and provides the opportunity for *accredited continuing education units*



Virtual Technical Training Focus

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

Track #	Virtual Track Title	Virtual Track Description
C	Facility Design and Operation Foundations	Learn about building design and operations. This track will provide attendees with information on advanced modelling, artificial intelligence, grid interaction, and a holistic approach to energy efficiency within a facility. This track will also include discussions of how to access, integrate and analyze available data to make day-to-day decisions as well as to develop long-term energy plans.
D	Optimizing Federal Facilities and Portfolios Design and Operations	Learn basic and advanced concepts involved in securing Operational Technology (OT) systems against cyberattack. This track will include mitigation approaches, cybersecurity maturity models, assessment tools, cybersecurity of distributed energy resources, and lessons learned from other sectors to enhance Federal OT cybersecurity posture.

A significant portion of the training will continue to be aligned with the Federal Buildings Personnel Training Act, the National Defense Authorization Act and provides the opportunity for *accredited continuing education units*



Virtual Technical Training Focus

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

Track #	Virtual Track Title	Virtual Track Description
E	Deploying Efficient Technologies in Federal Projects	Learn about proven and emerging energy efficiency technologies and practices that enable a reduction in Federal energy cost and waste. These technologies include heating, ventilation and air conditioning (HVAC); advanced energy storage systems; renewable energy technologies; water conservation technologies; and alternative vehicle and fleet technologies.
F	Developing Financing for Federal Projects	Learn about approaches and strategies utilized to leverage third-party financing to meet federal energy and water efficiency goals and objectives. This includes best practices in performance assurance, measurement, and verification. Topics will include roles and responsibilities in O&M, financing resilience projects, and selecting a contracting vehicle.

A significant portion of the training will continue to be aligned with the Federal Buildings Personnel Training Act, the National Defense Authorization Act and provides the opportunity for *accredited continuing education units*



Energy Exchange - Registration



PUBLIC SECTOR

To register as a Public Sector attendee, you must have a .gov, .mil, .edu, .dpu or other public sector email address. This includes DOE & National Lab. **Government contractors are not permitted to register at the Public Sector rate.** Registration includes access to the training sessions and trade show.

Virtual Registration Fee:
Public Sector: \$95

GOVERNMENT CONTRACTOR / PRIVATE INDUSTRY

Government Contractor or Private Industry registration is for onsite and offsite government contractors and those who work for private industry. Registration includes access to the training sessions and trade show.

Virtual Registration Fee:
Private Sector: \$175

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

Energy Exchange - Registration



Hotel reservation updates:

- Please note that if you made a hotel reservation through our Housing bureau, your reservation has been cancelled for Energy Exchange 2020. You should receive an email confirming cancellation in early June 2020.
- If you did not make your reservation through our Housing bureau, you should cancel your reservation independently.

<https://www.energy-exchange.com/hotel-travel-virtual/>

Energy Exchange - Resources

Remember to checkout the Energy Exchange website for more updates, including soon to be announced:

- Plenary Speakers and Topics
- Session Schedule and Descriptions
- Efficient-resilient-secure technologies featured in DOE Technology Pavilion
- FEDS Spotlight event
- And more!

<https://www.energy-exchange.com/covid-19-update-virtual/>

Have Questions/Comments/Need Assistance?

Nicolas Baker

nicolas.baker@ee.doe.gov



See you (virtually) at Energy Exchange!