

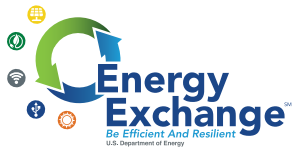
Draft Agenda At A Glance: Tracks 1-7

August 20-22 • Colorado Convention Center • Denver, CO

Energy Exchange Welcome Monday, August 19, 5:00pm (Exhibit Hall)
Agency Meetings and Workshops Monday, August 19; Thursday, August 22; Friday, August 23

Energy Exchange 2019			Implementing Federal Policy and Direction	Integrating Resilience and Design For Agency Mission			Optimizing Building Management and Maintenance		
			TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7
			Policies and Strategies	Energy and Water Resilience Planning	Integrated Facility and Installation Design	Resilience Project Implementation	Building Optimization Essentials	Advanced Analytics for Building Performance	Energy and Water Management
Day	Time	Session	Room TBD	Room TBD	Room TBD	Room TBD	Room TBD	Room TBD	
TUESDAY	8:30 am - 10:00 am		Opening Plenary						
	10:00 am - 10:30 am		Morning Break and Trade Show						
	10:30 AM - 12:00 PM	1	Civilian Agency Panel	Agency Resilience Framework Overview	Integrating with the Grid	Microgrid Implementation	Cybersecurity Basics for Energy Managers	Enterprise Analytics: Leveraging the Data Dump	Energy and Water Assessments: Virtual and Conventional
	12:00 pm - 2:00 pm		Lunch and Trade Show						
	02:00 PM - 03:30 PM	2	Department of Energy and Department of Defense (Army) Panel	Risk Management and Planning for All Hazards	Waste Water Recovery	Energy Storage	Auditing 101	Grid Load and Plant Management for Resilience and Efficiency	50001 Ready Implementation
	3:30 pm - 4:00 pm		Afternoon Break and Trade Show						
	04:00 PM - 05:30 PM	3	State Energy Strategies and Policies	Defining and Aligning Critical Resilience Requirements	Federal Sustainable Design Approaches	Using Combined Heat and Power for Efficient Resilience	Operations and Maintenance 101	Data Center Optimization Strategies	Building Energy Management Systems
WEDNESDAY	08:30 AM - 10:00 AM	4	Energy Legislation in Congress	Assigning Value and Prioritizing Resilience Requirements	Data Centers	Integrating Renewables and Non-Renewables for Resilience	Lighting and Lighting Controls Coffee Talk	How to Utilize & Secure Data from Building & Facility Systems	Existing Building Commissioning
	10:00 am - 10:30 am		Morning Break and Trade Show						
	10:30 AM - 12:00 PM	5	White House Directives	Measuring Success in Resilience	Designs for Resilience and Grid-Interactive Buildings	Community Involvement and Partnerships for Resilience	HVAC Systems	Leveraging Data to Enhance Building Performance	Commissioning and Retuning
	12:00 pm - 2:00 pm		Lunch and Trade Show						
	02:00 PM - 03:30 PM	6	Implementing Resiliency Policy	Creating Partnerships for Resilience	Designing Resilient Microgrids	Energy Storage: Perspectives and Case Studies	Commissioning for New and Existing Buildings	Energy Modeling for New and Retrofit Design	Deep Energy Retrofits
	3:30 pm - 4:00 pm		Afternoon Break and Trade Show						
	04:00 PM - 05:30 PM	7	DoD Deputy Assistant Secretary Panel	Resilience Boot Camp	Incorporating Onsite Generation Design Using All of the Above	Benefits of Hybrid Energy Systems for Resilience	Water Essentials: Water Conservation Measures and Water Audits	Ongoing Commissioning: An Approach for M&V to Unlock & Sustain Energy Savings	Different Methods for Maintenance for Mission
THURSDAY	08:30 AM - 09:30 AM	8	Energy Innovation	Resilience Valuation: Methodology Behind	Smart Labs for Today's Energy Reality	Energy and Water Efficiency Measures for Resilience	Data Analytics: Monitoring and Enhancing Operational Performance	What to Do with Meter Data	O&M for Renewable and Distributed Power
	9:30 am - 10:00 am		Morning Break						
	10:00 AM - 11:00 AM	9	Coffee Talk with Congressional Staffers	Turning Results into Actions	Effective Implementation of ASHRAE 90.1-2013	Overcoming Roadblocks to Project Implementation	Leveraging Demand Response Programs	Leveraging Audits and Evaluations for Resilience	Water/Lighting O&M and Ongoing M&V
	11:00 am - 11:30 am		Lunch						
11:30 am - 12:30 pm		FEDS Spotlight & Closing Plenary							

Version: June 11, 2019 – subject to change



Draft Agenda At A Glance: Tracks 8-13

August 20-22 • Colorado Convention Center • Denver, CO

Energy Exchange Welcome
Monday, August 19, 5:00pm (Exhibit Hall)
Agency Meetings and Workshops
Monday, August 19; Thursday, August 22; Friday, August 23

Energy Exchange 2019			Utilizing Effective, Efficient, and Secure Technologies			Leveraging Affordable Financing and Partnerships		
			TRACK 8	TRACK 9	TRACK 10	TRACK 11	TRACK 12	TRACK 13
			Advanced Effective Technologies	Cybersecurity Technologies and Control Systems	Optimized Fleets	Financing and Performance Contracting	Performance Assurance and Utility Partnerships	Financing for Resilience
Day	Time	Session	Room TBD	Room TBD	Room TBD	Room TBD	Room TBD	
TUESDAY	8:30 am - 10:00 am		Opening Plenary					
	10:00 am - 10:30 am		Morning Break and Trade Show					
	10:30 AM - 12:00 PM	1	New Energy Storage Technologies	Cybersecurity Introduction and Roles and Responsibilities of Cyber Stakeholders	Fleet Requirements	Selecting a Contracting Vehicle	Fundamentals of Performance Assurance	Making the Business Case for Resilience Projects
	12:00 pm - 2:00 pm		Lunch and Trade Show					
	02:00 PM - 03:30 PM	2	Distributed Energy Technologies	Cybersecurity Lifecycle	Vehicle Cybersecurity	Implementing ESPCs and ENABLE Projects	Performance Assurance: Development Period	Acquisition Strategies for Resilient Infrastructure
	3:30 pm - 4:00 pm		Afternoon Break and Trade Show					
	04:00 PM - 05:30 PM	3	ESTCP Technology Pitches and Networking to Develop Demonstration Projects	Cybersecurity Executed: Case Study	Electric Vehicle Supply Equipment	Implementing UESC Projects	Performance Assurance: Implementation and Construction Period	Utilizing ESPC and ENABLE Projects for Resilience
WEDNESDAY	08:30 AM - 10:00 AM	4	Advanced HVAC Technologies	Secure Integration of Disparate Facility Related Control Systems	Financing Models for Fleets	Critical Legal Topics in Contracting and Financing	Performance Assurance: Performance Period	UESC Projects and Resilience
	10:00 am - 10:30 am		Morning Break and Trade Show					
	10:30 AM - 12:00 PM	5	Indoor Environmental Quality, Building Health and Comfort	Smart Installations	Diesel Alternatives for Heavy Duty and Tactical Vehicles	Pricing: Best Practices and Evaluation Strategies	Federal Utility Partnerships	Resilience Risk Management Roundtable
	12:00 pm - 2:00 pm		Lunch and Trade Show					
	02:00 PM - 03:30 PM	6	Advanced Building Envelope Using 3D Printing, Modular Panels and More	IoT and Cloud for Energy Managers	Telematics and the Internet of Things	Non-Traditional Energy Partnerships	Utility Role in Financed Solutions	Resilience: Success Stories in Financing
	3:30 pm - 4:00 pm		Afternoon Break and Trade Show					
	04:00 PM - 05:30 PM	7	Evolution of Microgrid Controls: Past, Present and Future	Cybersecurity Assessment and Resilience Planning Essentials	Federal Automotive Statistical Tool	Performance Contracting and Risk Mitigation	Performance Assurance Best Practices Roundtable: The Good, The Bad, The Ugly	Bundling Funding and Financing to Deliver Resilient Infrastructure
THURSDAY	08:30 AM - 09:30 AM	8	Smart Cities	Tools for Cybersecure Infrastructure and DER/DEG	Mobility Alternatives for the Federal Government	Executing Successful Financed Projects Overseas	Mitigating Long-term Performance Risk	Utilities Privatization and Resilience
	9:30 am - 10:00 am		Morning Break					
	10:00 AM - 11:00 AM	9	Emerging Natural Gas Technologies	Implementing Wireless Solutions Today and in the Future	FleetDASH	Trends in Performance Contracting	Utility Privatization: Are You Committed?	Perspectives on Valuing Resilience
	11:00 am - 11:30 am		Lunch					
11:30 am - 12:30 pm		FEDS Spotlight & Closing Plenary						