



# AGENDA AT A GLANCE

Energy Exchange 2024			Federal Drivers		Driving Towards Net-Zero Emissions Buildings, Fleets, and Operations		Resilient and Secure Infrastructure and Facilities		Technologies to Meet Agency Energy, Water, and Climate Goals			Public-Private Partnerships for Federal Projects	
Technical Program			Track 1 Room 301/302	Track 2 Room 304/305	Track 3 Room 408/409	Track 4 Room 411/412	Track 5 Room 306/307	Track 6 Room 303	Track 7 Room 310/311	Track 8 Room 315/316	Track 9 Room 317/318	Track 10 Room 401/402	Track 11 Room 404/405
Day	Time	Session	Federal Leadership Perspectives	Statutes, Policy, Drivers, and Reporting	Meeting Zero Emissions Vehicle Goals	Strategies and Actions to Decarbonize Buildings	Resilience Under a Changing Climate	Protecting Against Digital Threats	Energy & Water Fundamentals	Shovel Ready Technologies and Approaches	Emerging Sustainable Technologies and Practices	Financing for Impact	Feds and Third Parties: Partnerships to Meet Goals
			<b>Opening Plenary</b>										
TUESDAY	8:30 AM - 10:00 AM												
	10:30 AM - 12:00 PM	1	2023 Award Winning Champions Shared Lessons Learned Forum	Everything Everywhere All at Once	Zero Emission Vehicles 101: Intro to ZEV Fleet Transition Basics and Terminology	Decarbonization 101	DoD Energy Resilience: Installation Energy & Operational Energy Combined	Understanding Security Risks and Best Practices	Federal Energy Management 101	Best Practices in Advanced Energy and Water Meters for Small- and Medium-Sized Buildings	Non-Carbon Energy Generation Solutions	Federal Funding 101: Options and Leverage	Performance Contracting Overview
	12:00 - 2:00 PM		Lunch										
	2:00 PM - 3:30 PM	2	Countdown to Zero: How to Go About Decarbonizing Federal Buildings	Trends in Policy Changes at State/Local Level That Align With EO 14057	EV Fleet Planning	Net Zero Energy Emissions Fundamentals	How Federal Facilities Can Enhance Water Resilience	Breaking Down Silos Between IT and OT Leaders for Effective Cybersecurity Collaboration	Federal Water Management 101	Best Practices for Energy System Hardening	Energy Storage	Performance Contracting, Procurement Authorities, and Best Practices for Implementing EISA 432 Energy & Water Measures	Looking Beyond Traditional Performance Contracting for Climate, Reliability, and Resilience
	04:00 PM - 05:30 PM	3	Federal Scope 3 GHG Emissions Inventory and Management Tools	Building Codes, Federal Rules, and Executive Order Requirements	EV Vehicle, Charging, and Management Technology	Water Strategies to Support Decarbonization	Leveraging Climate Services for Decision-Making	The Challenges of Connected and Smart Buildings	Operations and Maintenance for Federal Agencies	Laboratory Efficiency Strategies and the Smart Labs Program	Technology Options to Meet CFE Goals from Utility Perspectives	Contracting Officer Roundtable from Multiple Federal Agencies	FEMP Portfolio & Project Tools to Identify Performance Contracting Opportunities
WEDNESDAY	08:30 AM - 10:00 AM	4	Department of Defense (DoD) Deputy Assistant Secretary (DAS) Panel	Carbon Pollution-Free Electricity Policy and Markets	Scaling EV Purchasing and Charging Station Deployment	How to Develop and Prioritize Electrification Efforts and Address the Federal Building Performance Standard	Supply Chain Resilience	How Zero Trust Architecture Protects Facilities from Digital Threats	Metrics Matter	Lessons Learned in Planning and Executing Water and Wastewater Treatment Projects	"Hydrogen and Coffee": Low Carbon Fuel Options	Cost Effectiveness & Life Cycle Cost Analysis	Utilizing Grant & Other Funding Resources to Assist with Implementing Resilience Based Measures and Decarbonization
	10:30 AM - 12:00 PM	5	Federal Buy Clean Initiative Panel	Implementation Examples and Case Studies	Procurement Pathways for Zero Emission Vehicles and Charging Infrastructure	Case Studies in Building Decarbonization	Climate Resilience Tools Showcase	Protecting Communications and Secure Architectures	Commissioning Your Controls for Energy and Water Efficiency	Best Practices to Design, Retrofit, and Operate Efficient Data Centers	Microgrid 101: The Basics of What, When, and How	Performance Contracting for Maintenance and Operations	Utility Partnerships for CFE Goals
	12:00 - 2:00 PM		Lunch										
	2:00 PM - 3:00 PM	6 (Panel)	No Technical Training Scheduled	Greenhouse Gas Emissions: Find, Measure and Reduce Operational and Embodied Carbon From Your Projects	The Rough Road to Adoption	Three-Legged Stool of Electrification: Buildings, Grid, and EV Charging	Leadership Perspectives on Climate/Grid Resilience	The Lifecycle of Asset Management	Preparing Your Workforce for Building Electrification	Heat Pumps: Meeting E.O. 14057 with Decarbonization Solutions	Emerging Water Resiliency Technology	Inflation Reduction Act Funding Uses Within the Federal Government	Navigating Contracting & Legal Barriers When Incorporating the Cost of Carbon & Resilience
	03:30 PM - 05:30 PM	7 (Workshop)	Federal Energy & Water Management Awards Ceremony (3:30pm, Spirit of Pittsburgh Ballroom) *Not a technical training session, but concurrent to training program*	Reporting Requirements	The Key to Progress is Telematics Data	Decarbonizing a Federal Facility with Technology Options	The Regional Resilience Imperative: Strengthening Resilience Across Campus and Community	Risk Management Framework Basics and Preparation	Energy Audit 101: Ideas to Execution	Machine Learning Applications in Energy Management	Create Your Own Pathways for Your Installation/Building	Beyond Project Planning - Portfolio Pipeline and Case Studies	Identifying Roadblocks and Solutions in Performance Contracting
THURSDAY	10:00am - 11:00am	8	DoD Tri-Service Panel	Installations of the Future: The Sustainable, Resilient, and Smart Re-Build	In It for the Long Haul: Supercharge Your ZEV Transition	Building Modeling to Inform Decarbonization Solutions	Mitigating Emissions and Advancing Resilient Buildings	The Importance of Cybersecurity Training	Heat Pumps 101	Lightning Round of High Energy Use Facilities	Achieving Energy Resilience and Sustainability Through Emerging Technologies and Public-Private Partnership	Procuring and Operating On-Site Solar PV With Focus on Maintenance Contracting Over the Lifespan of the Asset	Utility Perspectives on Resilience Investments
	11:30 - 12:30PM												