

EUEC 2024: 26th Annual Energy Utility Environment Conference
Irving Convention Center, Irving, Texas.
February 13-15, 2024

Preliminary Program



EUEC 2024

1000+
Attendees

200+
Speakers

100+
Exhibitors

8+ ★
Technical
Tracks

February 13-15, 2024

Irving Convention Center
500 West Colinas Blvd.,
Irving, Texas 75039.

Keynote Speakers

Preliminary Program

Tuesday, February 13th, 2024

3 pm to 5 pm



SUSTAINABLE ENERGY POLICY & CLIMATE CHANGE IMPACTS ON ELECTRIC UTILITIES

Charles E. Bayless

Past Chairman, President, and CEO of Tucson Electric Power (UniSource Energy) and Illinois Power (Illinova Corp.); SVP and CFO of PS New Hampshire Attorney and Director of Nuclear Fuel Supply at Consumers Power Company



MAJOR TECHNOLOGY DEMONSTRATION PROJECTS AT NETL: PAST & FUTURE

Thomas A. Sarkus

Science & Technology Strategic Plans & Programs, National Energy Technology Laboratory, U.S. Department of Energy

Chairman, President, and CEO of Tucson Electric Power (UniSource Energy)



EPA'S POWER PLANT CARBON STANDARDS ARE BUILT TO LAST

Meridith Hankins,

Senior Attorney, Climate & Clean Energy Program; Natural Resource Defence Council



UPDATE ON EPA AIR REGS

INVITED

U.S. Environmental Protection Agency



HOST ELECTRIC UTILITY

— (Invited)

ONCOR Electric Distribution



HIGHLIGHTS OF EUEC 2022 & CHARGE EXPO

Prabhu Dayal

CEO, CTrade; Chairman, EUEC, & Charge Expo

Past Director Environmental, Tucson Electric Power; Env. Engineer at El Paso Natural Gas Company, Director at Americal Lung Association.



The 26th Annual Energy, Utility & Environment Conference is a professional networking and educational event held concurrently with Charge Expo.

EUEC has been held annually, bringing together over 1000 professionals in the energy, utilities and the environment sector.

Entering its 26th year, our 2024 conference will provide attendees a wealth of expert presentations on leading edge and current practices to comply with new regulations and industry challenges in 10 industry tracks.

CHARGE EXPO provides speaking and networking opportunities for regulators, manufacturers, installers, utilities and consultants of EV charging stations and infrastructure, batteries & storage, utility fleet, as well as ZEV & AFV.

MISSION STATEMENT

EUEC facilitates information exchange and fosters cooperation between industry, government, and regulators for the protection of our environment & energy security.

10 INDUSTRY TRACKS

1. Track A : UTILITY POLICY, EPA REGS, STRATEGIES, PERMITS, NSR, MODELING
2. Track B: CEMS, EMISSION TESTING, MONITORING, MODELING, REMOTE SENSING
3. Track C: OIL & GAS, PUMPS, TURBINES, COMPRESSORS, PETROCHEMICAL, O&M
4. Track D: POWER GEN, OIL & GAS, T&D, CHP, O&M, AI, CYBER SECURITY, MERCURY
5. Track E: MSW, LFG, RNG, GREEN, CLIMATE, CO2 CAPTURE, ESG, ENV JUSTICE
6. Track F: RENEWABLE ENERGY, UTILITY WILDFIRES, PV, SOLAR, H2, SMART GRID
7. Track G: SWM, O&M, DDD, EHS, EMS, FIRE SAFETY, RISK
8. Track H: CCR, CCP, CCS, CCPS, ELG, COAL ASH, SWM, O&M, SWM
9. Track I: ASH PONDS, LINERS, REMEDIATION, WATER, WWM, ELG, FGD, 316(b),
10. Track J: EV CHARGING, BATTERY, FLEET, TRANSPORTATION ELECTRIFICATION

Speaker Format

Speakers introduce themselves and make a 20-minute PPT Presentations.
Each session is 2 hours long with 6 speakers and 2 co-chairs.

Session CoChair & Sponsor

EUEC 2024 SCHEDULE

Tuesday | February 13, 2024

9:00 am - 7:00 pm Registration

9:00 am - 2:00 pm Training Workshops

3:00 pm - 5:00 pm Keynote Presentation

5:00 pm - 7:00 pm Exhibitors Reception

Wednesday | February 14, 2024

9:00 am - 7:00 pm Exhibit Hours

7:30 am - 12:00 pm Tech Meetings

12:00 pm - 1:00 pm Networking Lunch

1:00 pm - 5:00 pm Tech Meetings

5:00 pm - 7:00 pm Networking Reception

Thursday | February 15, 2024

9:00 am - 3:00 pm Exhibit Hours

7:30 am - 12:00 pm Tech Meetings

12:00 pm - 1:00 pm Networking Lunch

1:00 pm - 5:00 pm Tech Meetings

3:00 pm - Exhibit Tear Down

TRACK A

UTILITY POLICY REGS, STRATEGIES, PERMITS, COMPLIANCE

Confirmed & Invited Speakers | Track A

For 25 years, EUEC's esteemed track has hosted top industry leaders and experts, presenting crucial electric utility regulations. Gain valuable insights, engage in regulatory discussions, and access practical examples and case histories. Equip senior utility executives with compliance strategies.

A1

Utility Policy Regulation Strategies



Edison Electric Institute

JOHN KINSMAN

Electric Sector Technology Transition and Emissions



HISER JOY

ERIC HISER

Biden EPA's Source Specific Determinations



ENERGY NATIONAL ELECTRIC LABORATORY

TOM SARKUS

Solutions for Today | Options for Tomorrow (INVITED)



NRDC

MEREDITH HANKINS

EPA's Power Plant Carbon Standards Are Built to Last



EPA

EPA INVITED

US EPA Regulatory Update (INVITED)

A3

T & D | Grid | Modernization | Reliability | Decarbonization | Efficiency | Energy Savings



CHARLIE BAYLESS

Panel Chairman Past Chairman & CEO of TEP and Illinois Power



TS CONDUCTOR

JASON HUANG

TS Conductor is Electricity Delivered Better.



IRA

BOB THOMPSON

Title Here



FPL

KERRI O'DONNELL

Title Here



ALI AMIRALI

Lotus Infrastructure Global



YOUR LOGO

SUBMIT ABSTRACT

Open Spot - Apply Today

A2

Modeling | Regional Haze | Permits | CAA



TRC

GALE HOFFNAGLE

Advances in Regulatory Air Quality Modeling



troutman pepper

JAMES W. BEERS

Regional Haze Round Two: Second Verse, Same as the First?



olsson

SUSAN OPPERMAN

Environmental Permitting and Siting for Renewable Utilities



M

NEDIA MILLER

Investment strategies for Env. mts under current state of new regs



William Smalling

WILLIAM SMALLING

Streamlining the CAA - How it Can Help The New Administration

A4

UTILITY STRATEGIES | POLICY | REGS



YOUR LOGO

SUBMIT ABSTRACT

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WZI

JESSE FREDERICK

Utility Adaptation in a Post-mitigation Environment



ENCAMP

LUKE JACOBS

A 3.3 Embracing Digital Transformation for Proactive Environmental Compliance



transect

ROBIN LAINE

A 3.4 Automated Solutions for Environmental Compliance and Site Selection



YOUR LOGO

SUBMIT ABSTRACT

Open Spot - Apply Today

ADVISORY BOARD

Edison Electric

United States



How are you finding? What can we help

CLICK TO VIEW TRACK A

<https://euec.com/track-a-program-2024/>

TRACK B

CEMS, EMISSION TESTING, MONITORING, MODELING, REMOTE SENSING

Confirmed & Invited Speakers | Track B

A "must attend" training session for experts and operators of CEMS. This Track includes EPA policy and procedures for accurate monitoring, reporting, and auditing of emissions pursuant to Part 75 of the Acid Rain Program & Clean Air Interstate Rule.







Advisory Board



B1 CEMS | Sampling | Emissions | FTIR | Monitoring

 WADE DAY CEMS Preventative Maintenance Utilizing IoT and Predictive Analytics	 BOB BERTIK CEM Sample Systems	 ALEJANDRA CABRERA Multi-gas FTIR Monitoring in Carbon Capture Processes	 VICTORIA BREWSTER Siloxane Sampling Methods: Online Vs Offline	 PETER ZEMEK Comparison of Emerging Technology Quantification of HRVOC and OHAP	 SANG-SUP LEE Emission of Condensable Particulate Matter from Coal Combustion
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B2 NOX | Testing | Control | Sensors

 TOM MCKARNS Tips for Better NOx measurements at Power Plants	 JEFF WILLIAMS Combined Cycle Plant NOx Reductions	 PHILIP DUFRESNE The ALL BLUE Mercury Messenger an Improved Mercury Sorbent Trap Analyzer	 LORAN NOVACEK AeriNox SCR NOx Reduction System	 OTTO HIRSCH Heated Sample Lines – Critical Pathway Link to Compliance	 VAHID MIRSAIDI Continuous Measurement of Particulate Emissions at Stack
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B3 PEMS | MODELING | TESTING | FLARES | FENCELINE MONITORING

 BRIAN SWANSON PEMS for cost effective monitoring GHG emission rates	 MATT VARGAS Next Generation Benzene Monitoring with PyxisGC BTEX	 JOHN WAGLE Dynamic Plume Modeling to Prepare & Respond to Chemical Emergencies	 JITHIN KANAYAKKOTUPOVIL The Challenges of Air Quality Management in Dallas and Fort Worth: A Multi-Decadal Environmental Perspective	 RANDALL BAXTER Community Monitoring Hexavalent Chromium – The City of Paramount	 SUBMIT ABSTRACT Open Spot – Apply Today
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B4 | Air Quality | Modeling | Monitoring | Drones

 STEPHEN BEENE Inflation Reduction Act (IRA) and EPA Regs on Power Sector Modeling using Integrated Planning Model (IPM)	 ROBERTO SAN JOSE Atmospheric effects of high-rise buildings: PALM4U CFD – WRF/Chem application over Madrid (Spain)	 SERGE BAY Integrating Carbon Capture Calculations in CEMS DAHS Software for Power Generation Facilities	 DAVID RYAN Mathematics of Drones	 INWOOGHOI, JIHOONSEO, JONGSOHN Microplastic from Facial Masks and its inhalation Exposure	How are you finding What can we help
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CLICK TO VIEW TRACK B

<https://euec.com/track-b-program-jan12/>

TRACK C&D

POWER GEN, TENS, AI, CYBER SECURITY, SUSTAINABILITY

C1

Rotating Parts | Turbines | Compressors



ADAM NEIL

Optimization of a Steam Turbine for Mechanical Drive Applications



PETE KELLY

On-site Generation – Sustainability and Infrastructure (Virtual)



MUHAMMAD RIAZ

Steam Turbine Upgrade Options with Respect to Heat Rate Improvement



JAISEN MODY

Exploring Step Up Transformer Challenges to Accommodate PV and Storage



KEITH BRAND

Common Pump Bearing Problems and How to Solve Them

D1

Renewable Energy | Zero-Carbon Emissions | Power Gen | Flexibility | Sustainability



ALEX DELY

Optimizing Grid Performance, Security and Cyber Resilience through use of Heterogeneous Photonic Integrated Circuit Technology



RAMESH NARASIMHAN

Enabling Sustainability and Regulatory Compliance: Data Management and Digital Solutions



TIM SASSEEN

Hydrogen and Fuel Cells Save the Grid



JAKE TUTTLE

Flexible Operations and Efficiency & Emissions Improvement through Intelligent Dynamic Optimization and Expert Knowledge Capture



EVAN GRANITE

D 2.6 Overview on Mercury Control Options for Coal-Burning Power Plants

D2

Risk | Simulator | Cyber Security | Mercury | DSI



MADS KIRK LARSEN

Haze and Mercury Reduction From Coal Fired Power Plants



JOSH CARLUCCI

Simulator Training and Program with Integrated Technologies



DANIEL BARBERSEK

Power Generation, Natural Gas, Diesel Fuel, Power Storage



HONG-SHIK SHIM

Full-scale Demonstration of Multi-process Sensor at a Cycling PC-fired Boiler

D3

TENS | Thermal Energy Networks



WILL LANGE

Thermal Energy Networks: The Next Utility



NIKKI BRUNO

Utility & Policy – Eversource Energy



JONATHAN HERNANDEZ

Brightcore Energy TENS Engineering & Design



AUDREY SCHULMAN

Advocacy & Leadership -HEET- (Home Energy Efficiency Team)



GREG WOLFSON

The Geothermal Neighborhood Experience

D4



DAN WALKER

Climate resilience: Mitigation and adaptation to risk reduction



STEFFEN ZIEGLER

Risk Categorization of Utility Underground Cable Systems



BRUCE OGDEN

Unit Flexibility For Coal Fired Units



DENNIS BARLOW

Flexible Operation of Steam Generation Power Plants



JOSEPH EBERLY

The Use of AI Technology for Mapping Utilities at Scale

TRACK E

GREEN, CLIMATE, CO2 CAPTURE, ESG, ENV. JUSTICE, MSW, LFG, RNG,

E1

RNG LFG PERMITS | DECARBONIZATION |
UTILITY WOOD STRUCTURES | FLEET
CARBON | CO2



Air Quality Permitting Issues for Biogas to RNG Projects



Supporting the Water – Energy – Food Nexus



Reduce Environmental Impacts Of Overhead Structures



Applying Frames To Clarify Issues And Manage Conflict



RNG at Dairy Farms: Critical Issues re Manure Supply Agreements



A Comparative Life Cycle Assessment of Corrective Action Alternatives to Evaluate Sustainable Remediation

E2

LFG | LECHATE | RNG | CO2 CAPTURE



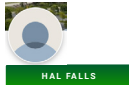
When Going Green Turns to Red



Green Capture and Repurpose of CO2



Maintaining Momentum to Carbon Neutrality



EU Carbon Border Adjustment Mechanism Impacts on US Exporters



CO2 Capture Readiness: Planning for the Future of Fossil Power (REPLACE)



Get Ready!!! Impact of climate change and Circularity in the Energy and Utilities Industry

E3

ENVIRONMENTAL JUSTICE | ESG



Environmental Justice Considerations in the Transition to Natural Gas and Renewables Energy



Environmental Justice Initiatives and Risk Assessment: Consideration for Utilities



Putting the Pieces Together: Managing Emerging ESG Requirements With Current Systems and Teams



ESG data is the key to accurate metrics and reporting



Reimagining Grid Sustainability: Restoring Utility Poles for a Resilient Future



Microgrids Without Borders For Environmental Justice Neighborhoods: The Future of Microgrid Development

E4

SUSTAINABILITY | GREEN | CLIMATE



Sustainability at NYU and New York City



Modeling Renewable Energy System for Irrigated Agriculture Farms in the United States



Is it really making a difference to repair the Ozone layer? Why do we bother when others don't?



Understanding the Uncertainty in LFG Recovery Forecasts Used For Planning RNG Projects



Dust emission and effect of PM10 & PM2.5 in urban infrastructure from



Leading the Way: Construction's Pioneering Role in Climate Adaptation

E5



Artificial Intelligence Supporting Actionable Sustainable Development



Transforming Utilities with AI: A Roadmap to Enhanced Efficiency and Cost Reductions



Investment strategies for Env. mts under current state of new regs



Innovative On-site Treatment of Landfill Leachate Reverse Osmosis Concentrate



Spider Excavator Technology: A More Sustainable Way Forward



Regulatory Hurdles for Hybrid Nuclear-Natural Gas Permitting

TRACK F

RENEWABLE ENERGY, STORAGE, EFFICIENCY, PV, SOLAR, WIND, H2

F1

LIGHTNING PROTECTION | UTILITY WILDFIRE SAFETY | DEMAND RESPONSE | RESIDENTIAL EFFICIENCY



GENW

BENJAMIN ELLIS

Software Designs for Grounding Remediation of Lightning Transient Problems for Solar Fields



BURNS
MCDONNELL

BEN ECHEVERRIA

Regulations and Compliance



Google

AARON BERNDT

How Residential Demand Response Programs Help Alleviate Grid Strain



WG WaterbedCo

MING ZHU

Integration of Landfill Closure Solution with Solar Power Generation Technology



EXIM
EXPORT-IMPORT BANK
OF THE UNITED STATES

CRAIG O'CONNOR

Financing Renewable Energy & Energy Storage Projects

F2

SOLAR POWER | BATTERY | ENERGY STORAGE



JOHN CHAPMAN

New Sub-Critical Hybrid Nuclear Reactor



SunWize

AEREL RANKIN

Disruptive Industrial Stand-Alone Power Technologies for Utilities and Environment



GRADIENT

GRACE GREENBERG

Health and Env Considerations in Large Battery Storage



BLACKSTARTECH

BRADLEY LANKA

Innovative Battery Tech for Resiliency, Risk & Cost Benefits



FLUENCE

FRANCESCA JONES

Optimizing Fleet Dispatch To Integrate Intermittent Generation And Storage



troutman
pickper

ANDY FLAVIN

State Siting Regulation of Energy Storage Resources

F3

DECARBONIZATION & SUSTAINABLE RENEWABLE ENERGY DEVELOPMENT



JIMMY KIM

VPP and financing



STRATIVA

ALISON WISE

Innovation Infrastructure-Biomimicry and Resilience in Innovation



Versos&Elkins

KELLY RONDINELLI

Perfect Union: Superfund Sites and Renewable Energy Development



SolarPower
FOR AMERICA

BRIAN KEANE

Preparing for The Virtual Power Plant: Solarizing At Work



Recycling at Utility Scale

DWIGHT CLARK

Solar Module Recycling at Utility Scale



INL

JUAN GALLEGOCALDERON

Floating PV in U.S. Reservoirs: Resource, Regulatory, Environmental and Techno-Economic Potential

F4

GREEN HYDROGEN | SUSTAINABILITY | DECARBONIZATION | WORKPLACE ERRORS



BRIAN PETERMANN

Hydrogen Hubs: Green Energy – Brown Infrastructure?



RAMBOLL

KRISH VIJAYARAGHAVAN

Power-to-X and Green Hydrogen Implications in USA



JAISEN MODY

Hydrogen Fuel: Opportunities and Challenges



THE LEIGHTY FOUNDATION

BILL LEIGHTY

Hydrogen or Grid? Optimizing Policy Allocating Markets and CAPEX for Global GHG-Neutral 2050



Redtree

JACINTO D. DURAN SANCHEZ

How to effectively scale-up first of a kind technology



JARED STRAUSS

Air Regulatory Considerations for Retrofitting Combustion Turbines for Hydrogen Co-firing

F5

RENEWABLE ENERGY | SUSTAINABILITY | DECARBONIZATION |



MOINUDDIN SARKER

Circular Economy and Waste Management: Sustainable Resource Utilization



ROBERT PILKO

Maximum Geothermal Heat Harvesting via Downhole Loop Circulation



BOBBY RUIZ

Updates to Explosion Hazards for Large Scale Battery Storage Systems



JIN JO

Sustainability of Utility-Scale Solar PV Systems (Virtual)



JOSHUA PARTHEEPAN

Techno-Economical Study on Replacing Conventional Power Plants with Hydrogen Energy Storage Systems



INSAN ULLAH KHALIL

Machine Learning Approach for PV Faults Classification based on Solar Cell Parameters

TRACK GH

CCR, CCS, ELG, COAL ASH, SWM, O&M, DDD, EHS, FIRE SAFETY, RISK

H1 Coal Ash | ACCA | CCR | CCS | ELG

 THOMAS ADAMS ACCA	 JEFFREY MARTIN HUNTON ANDREWS KURTZ	 CHRIS VANDERVORT ENERGY	 PAUL LEAR ForGen	 TOM KIERSPE SEFA	 JIM AIKEN BARR
Recent Developments in SCM Supply	Coal Ash Management — The Changing Legal Landscape	DOE ARPA-E FLExible Carbon Capture and Storage (FLECCS) Program	Hydraulic Containment at CCR Sites: Now More than Ever	Coal Ash Harvesting for Beneficial Reuse – Challenges and Lessons Learned	Update on EPA Part A, Part B, and Consent Order Determinations with Applications for CCR Legacy Rule

H2 Impounded CCP Harvesting | CCP | CCR | SWM |

 MARK ROKOFF BURNS MEDONNELL	 STEVE SULLIVAN STI	 MICHAEL HUNTER WORLD DOMES	 BILL FEDORKA SEFA	 RANDALL STREMMEL PMET	 DAN CHARTIER USWAG
Setting the Stage: Proposed Legacy CCR Surface Impoundment Rule	Beneficiation of Harvested Fly Ash Using a Triboelectric Belt Separator	Cost-Effective, Green, Concrete Domes for Bulk Storage of CCPs	Six Years of Service, Supply, and Success: Processing Harvested CCR from Impoundments	Beneficial Reuse of CCR to Manufacture LEED Construction Material without Creating Another Waste Stream	Utility Solid Waste Regulatory Issues







H3 CCP Risk Assessment | CCR | Cement | Pondered Ash Beneficiation | CCPS & CO2 Uptake

 ARI LEWIS GRADIENT	 TIFFANY DUFFY carbon recycling	 DAVID DONKIN UCC	 MARC THEISEN Profile	 CURTIS WILLIE	 FRANK BODAMI TOTAL
Risk Assessment at Coal Combustion Product Sites for Remedy Selection and Public Communication	Beneficiation of CCPs through CO2 Uptake & Mineralization	Managing Outage Wash Water Treatment with Existing Infrastructure	Engineered Soil Cover Systems for Sustainable CCR Closures	Coal Ash as a Production Enhancement for Oil and Gas Production	Power Plant Closure & Demolition: Cost, Safety and Inherent Risks

H4 CCP Risk Assessment | CCR | Cement | Pondered Ash Beneficiation | CCPS & CO2 Uptake

 JACK MA UCC	 TIM SILAR SSe	 LORI DEBLAUW Wolters Kluwer	 MO BALAPOUR SusMax	 DON FULLER II Stantec	 SUBMIT ABSTRACT YOUR LOGO
Considerations for the Successful Pond Closure and Water Treatment Under Today's CCR Rule	Discrete In-Situ Solidification of CCR Impoundments	Connecting the Desktop to the Field for better Risk and Hazard Awareness at CCR Sites	A technology to recycle off-spec CCPs into construction lightweight aggregate	CCR Unit Closure 2024 – Engineering and Construction Management Straight Talk	Open Spot – Apply Today

G1 DDD | EHS | EMS | FIRE SAFETY | RISK

 NICK STEINKE olsson	 LEA MILLET EPCI	 MELISSA MCLAUGHLIN AECOM	 JEFF POPE BURNS MEDONNELL	 KHALED FUSTOK ERM	 JEFF POPE BURNS MEDONNELL
Utility Operations and Managing Environmental Risk	Screening Coal-Fired Power Plants for New Gen Technologies	Community Air Monitoring During Demolition and Management for Environmental Justice	Safety Considerations for Plant Decommissioning & Demolition	Synergizing EHS and ESG: Strategies for Optimizing Organizational Performance	Decommissioning & Demolition for Power Plants

TRACK I

WATER, 316(B), WWM, ASH PONDS, LINERS, REMEDIATION, ELG, FGD

I1

CCR | Impoundments | ZLD



DAVID DONKIN

Managing Outage Wash Water Treatment with Existing Infrastructure



JOHNNY LOWE

Best Construction Practices During Closure by Removal of Pondered CCR



DALE EVANS

Engineered Construction Efforts for Wet Ash CCR Impoundments



SCOTT HOLDER

Zero Liquid Discharge an Integrated Solution for the Power Industry



MICHAEL HEALEY

Building Defensibility for CCR Groundwater Treatment Selection



SUBMIT ABSTRACT

Open Spot – Apply Today

I2

EPA 316 (b) | FGD | Wastewater |



JEFF SCOTT

The Realities of Installing EPA 316(b) Compliant Traveling Screens



KURT SCHUMANN

EPA 316b Impact on Circulating Water Pumps and Motors



KIRA KALEPS

Custom FRP Applications in wet FGD Slurry and wastewater processing



MONTE MARKLEY

The Basics of Deep Well Injection as a Leachate Disposal Option



EVGENIYA HRISTOVA

Advanced Solidifiers for Oil Spill Containment



SUBMIT ABSTRACT

Open Spot – Apply Today

I3

PFAS | HOD UV



FRED OLIVARI

Issues, Trends and Treatment Alternatives of Environmental Liability Associated with PFAS



ELISABETH CHRIST

Destruction of PFAS in High Strength Wastes



DENNIS BITTER

Long-Term Membrane Performance using HOD UV for Dechlorination and or Disinfection



CHRIS HULL

Electrochemical Oxidation for PFAS Destruction



ANDREW XIE

Solutions for Online Silica Monitoring in Power Plants and Ultrapure Water Facilities

I4

316 (b) | Dewatering Systems | Impoundments | ESG

ELECTRIC UTILITIES ATTENDING EUCC

Alabama Power Company
Alliant Energy Corporation
Ameren Corporation
American Electric Power
American Municipal Power, Inc.
Arizona Electric Power Cooperative
Arizona Public Service Company
Associated Electric Cooperative, Inc.
Big Rivers Electric
Calpine Corporation
Catawba County Government Utilities
Central Iowa Power Cooperative
Central Minnesota Municipal Power Agency
Clarke Public Utilities
Commonwealth Edison
Con Edison
Con Edison Clean Energy
Connecticut Natural Gas
Constellation Energy
Consumers Energy
CPS Energy
Deseret Power
Dominion Generation
DTE Energy
Duke Energy
Dynergy
East Kentucky Power Cooperative
EDF Inc
Edison Electric Institute
Empire District Electric Company
Encina Power Station
ENGIE North America
Entergy
Eversource Energy
Exelon Nuclear
Exelon Power
Florida Power & Light Company
Georgia Power
Grand Bahama Power Company
Great River Energy
Guam Power Authority
Guam Public Utilities Commission
Hawaiian Electric
Hoosier Energy
Independence Power & Light
Intermountain Power Service Corporation
JEA
Kansas City Board of Public Utilities
Kansas City Power & Light
KU Energy, LLC
Lafayette Utilities System
Lansing Board of Water & Light
Lhoist North America
Los Angeles Department of Water and Power
Louisville Gas & Electric
Luminant
Madison Gas & Electric
Michigan South Central Power Agency
Minnesota Power
Minnkota Power Cooperative, Inc.
Montana-Dakota Utilities Company
Muscatine Power and Water
Nebraska Public Power District
NextEra Energy
NiSource
Northern Indiana Public Service Co.
Northern Star Generation
NorthWestern Energy

NRECA
NRG Energy
NV Energy
OGE Energy Corp
Oklahoma Gas & Electric Company
Old Dominion Electric Cooperative
Omaha Public Power District
Oncor Electric Delivery
Oneta Power, LLC
Pacific Gas & Electric
PCPS Energy
PECO Energy
Platt River Power
Portland General Electric
PPL EnergyPlus LLC
PPL Montana Power Company
Prairie State Generating Co.
Puget Sound Energy - PSE
Rodan Energy Solutions Inc.
Rural Electric Cooperative
Sacramento Municipal Utility District
Salt River Project
San Diego Gas & Electric
Santee Cooper
SCANA
Seattle City Light
Sempra Utilities
Sierra Power Company
SoCal Gas Co.
Southern California Edison
Southern Company
Southern Connecticut Gas
Southern Power Company
SUEZ
Sunflower Electric Power Corporation
Tenaska
Tennessee Valley Authority
Texas Municipal Power Agency
TransCanada
Tri-State Generation and Transmission
Tucson Electric Power
Twin Oaks Power
Vectren Corp.
WEC Energy Group
Westar Energy
Xcel Energy
Alcoa Inc.
Associated Electric Cooperative, Inc.
Bear Valley Electric Service
Brazos Electric Power Cooperative
Buckeye Power
Central Maine Power Company
Clay Electric Cooperative, Inc.
Colorado Springs Utilities
Corix Utilities
Dairyland Power Cooperative
Duquesne Light Company
Ethiopian Electric power
Liberty Utilities
Massachusetts Water Resources Authority
Matanuska-Susitna Borough
Nashville Electric Service
Nicor Gas
Northline Utilities LLC
Ohio Valley Electric Corp
Sudanese Hydro Generation and Renewable Energy Company.

TRACK J-CHARGE EXPO

EV CHARGING, BATTERY, FLEET, TRANSPORTATION ELECTRIFICATION



DAVE SCHALLER
13 Real World EV Truck Case Studies



LORI CLARK
North Central Texas Council of Gov. DFW Clean Cities



DAVID OWEN
Center Point Energy



HARRY TENENBAUM
Evolve Houston



TREY POPE
Public Input

J1

TE & Tariffs | EV Battery Storage | Site Design | EV Financing



DON HARRIS
Revenue stacking your EV Charging Site with Battery Storage



JOHN INCORVAIA
Site Design & Subsurface Damage Prevention in the EV marketplace



BOBBY RUIZ
Fire Protection for Energy Storage System Batteries



SHMUEL DE-LEON
Sodium Ion Battery Market 2024

J2

EV Chargers | Lithium Battery | Multi-Unit Charging | EV Infrastructure | EVSE



JEREMY CORDRAY
Is TPPL the Battery Bridge to Lithium?



CAROLYN BREWER
Achieving 97% uptime: the challenges of protecting EV chargers



SILKE KIRCHNER
Revolutionizing Electric Vehicle Infrastructure: Smart Load Management and Future Innovations to Propel Economic Advantages



BRIAN ENGLE
Critical Sensing for robust EVSE control and monitoring

J3

EV Charging | H2 Fuel Cells | Battery Recycling



CHRIS GALBRAITH
AI-Driven Solutions for Residential and Fleet EV Charging



JULIAN OFFERMAN
EV Charging: Key Customer Drivers for EV Adoption & Role of Tech



SHELLI ZARGARY
Hydrogen Fuel Cell DERs Contribute Resilience & Sustainability to Local & Community Microgrids



BOB SHALLENBERGER
Critical Mineral Recovery Battery-Recycling Technology



JOSEPH IAMARTINO
EV CHARGING: FORCED AIR-COOLED CHARGING FOR DC FAST CHARGERS

J4

AI EV Charging | Lithium Battery for EV | Infrastructure | EV & VGI Adoption | Rare Earth Magnet Supply for EVs | EV Parking | EV Trucks



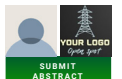
SARAH ADAMS
Consumer Software & Payments Enablement



KIM GARUBBI
The Future of Retail is Electric



ALOK SINGHANIA
GRIDSCAPE's Renewable Microgrid and EV Charging Projects and Solutions



Open Spot – Apply Today

J5

AI EV Charging | Lithium Battery for EV | Infrastructure | EV & VGI Adoption | Rare Earth Magnet Supply for EVs | EV Parking | EV Trucks



MIKE BULLOCK
Dividend Account Parking: More Fairness & Transparency; Less Driving



BIANCA JIMENEZ
EV Charging Adds Value to Multi-Unit Property at Low Cost



STEPHEN EAVES
A new electricity format for charging infrastructure



ANDY FLAVIN
State Siting Regulation of Energy Storage Resources



CHARGE EXPO CONFERENCE will be held at the Irving Convention Center, Irving, Texas, on February 13-15, 2024.

CHARGE EXPO provides speaking and networking opportunities for regulators, manufacturers, installers, utilities and consultants of EV charging stations and infrastructure, batteries & storage, utility fleet, as well as ZEV & AFV. It showcases advanced technologies and strategies for compliance with SB-350 and for the transition of the transportation sector nationally.

SB-350 DIRECTS CALIFORNIA REGULATORS (CPUC, ARB, CEC, AQMD) to electrify buses, trucks, fleet and off-road equipment, with \$1 billion funded by the utilities SDG&E, SCE and PG&E.

CHARGE EXPO is a follow-up to the successful Charge and TE-EXPO Conferences held in 2019 at the San Diego Convention Center.

SPEAKER FORMAT Speakers use PowerPoint presentations - 20 minutes with 5 minutes for Q & A. Each session is 2 hours, with 6 speakers & 2 co-chairs. Speakers introduce themselves.

NETWORKING RECEPTIONS: Meet, network and connect with peers, expert speakers, engineers, utilities, end users, decision makers, and key leaders in the industry, and government during two hour lunches and receptions in the exhibit hall. .

J1
CHARGING

- EV & DC FAST CHARGING INFRASTRUCTURE
- EV EQUIPMENT SUPPLY
- WIRELESS & AUTONOMOUS EV, FLEX & HI POWER CHARGING
- RESIDENTIAL & APPTS, COMMERCIAL CHARGING
- E-MOBILITY, EVS & HEVS
- REMOTE DATA ACQUISITION, MICRO & POWER GRID, METERING

J2
BATTERY

- ADVANCED BATTERY, SUPER CAPACITORS, BMS/ADVANCED BATTERY
- FUEL CELLS, LI-ION, H2, SAFETY
- SUPPLY CHAIN & OEM SUPPLY, WIRELESS HARNESS & CABLESAFV, ZEV, CNG
- TEST BENCHES & ENV TESTING, CALIBRATION & SAFETY
- TRANSFORMER, INVERTER, & PV
- VOLTAGE & RELAY PROTECTION, CHARGES & PROTOTYPES

J3
TRANSPORTATION ELECTRIFICATION

- ALTERNATE & ZERO EMISSION VEHICLES, CNG, LNG, NATURAL GAS/CNG, LNG, NATURAL GAS
- CLEAN TRUCKS, BUSES & FLEET/RENEWABLE FUELS
- LI-ION, PROPANE, H2 FUEL CELLS/SOLAR & ENERGY STORAGE
- RENEWABLE FUELS
- TRANSPORTATION ELECTRIFICATION, INCENTIVES & REBATES
- FUEL MANAGEMENT SYSTEMS, GAS CYLINDERS & SAFETY

J4
FLEET

- FLEET MANAGEMENT, EV STRATEGIES, E-MOBILITY
- EV, PHEV, HYBRID, SUSTAINABILITY
- ULTRA CLEAN LD/MD/HD, TRANSIT SCHOOL BUSES, TRUCKS
- UTILITY FLEET, O&M SOFTWARE, AUTO OEM INTEGRATIONS
- PV CONTROL SYSTEMS, POWER DISTRIBUTION EQUIPMENT
- OFF-ROAD EV, FORK LIFTS, GOLF CARTS, EV PARKING EQUIPMENT

SCHEDULE

TUESDAY
FEBRUARY

13
2024

- 9:00 AM – 3:00 PM **EXHIBIT SET-UP**
 - 9:00 AM – 3:00 PM **TRAINING WORKSHOPS**
 - 3:00 PM – 5:00 PM **KEYNOTE PANEL**
 - 5:00 PM – 7:00 PM **EXHIBIT RECEPTION**
-

WEDNESDAY
FEBRUARY

14
2024

- 7:30 AM – 12:00 PM **TECH MEETINGS**
 - 12:00 PM – 1:00 PM **EXHIBIT LUNCH**
 - 1:00 PM – 5:00 PM **TECH MEETINGS**
 - 5:00 PM – 7:00 PM **EXHIBIT RECEPTION**
-

THURSDAY
FEBRUARY

15
2024

- 7:30 AM – 12:00 PM **TECH MEETINGS**
 - 12:00 PM – 1:00 PM **EXHIBIT LUNCH**
 - 1:00 PM – 5:00 PM **TECH MEETINGS**
 - 3:00 PM **EXHIBIT TEAR DOWN**
-

CLICK FOR ACTIVE FLOOR PLAN

<https://euec2024.expofp.com>

CHECK FLOOR PLAN FOR BOOTH LOCATION AND
CLICK ON LINK BELOW TO RESERVE YOUR BOOTH

EXHIBIT RESERVATION FORM

<https://cvent.me/Vd7zAb>

EXHIBIT & SPEAK PACKAGES

Sponsored Exhibit (Custom)

- (10 x 20) and (20 x 20) Booth in Premium Locations
Oversize Exhibits for Large Equipment and EVs

Gold Premium Exhibit (5.5K)

(10 x 10) Furnished Exhibit booth in Meal Service Aisle
Two Full Registrations includes One Speaking Opportunity

Standard Exhibit (3.5K)

(10x10) Furnished Exhibit booth
Two Full Registrations includes One Speaking Opportunity

All Exhibit Booth Packages Include:

- Pipe & Drape Booth Furnished with draped table & 2 chairs
- Dedicated Networking Lunches (2) & Receptions (2) in Exhibit Hall
- Marketing Company Logo Ad on EUJEC Website, Newsletter & Program Guide
- Pre and Post Conference Attendee list and Lead Retrieval
- Social Media Marketing your Company & PR Advertising



Irving Convention Center, Irving, Texas.

Exhibits & Receptions

Held in the networking aisles of Ground Floor Exhibit Hall

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230
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226
ISVP
222

FLEET
BATTERY

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D2 Tr
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Light
Unice
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EVS
EV CHARGING

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North ABB I

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Advar Mont
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ECO F Fluke
Atlas Air G

Food Service & Ne

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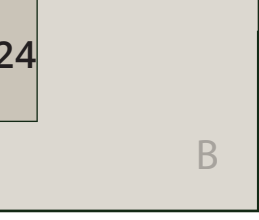
LOBBY & REGISTR

ESC

CLICK FOR ACTIVE FLOOR PLAN

<https://euec2024.expopf.com>

FLOOR PLAN Center



Perill	Ambil	Trinit
GCI	Water	729
CEM	Califo	Stant
Aliste	Polys	725
Delta	722	Techr

networking

RKI	718	AFL
Clean	Barr	ESC
Domt	Mech	715
Gasm	UCC	Olso
Taber	TS Co	ICL

	706
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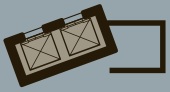
US D

- AVAILABLE
- PREMIUM
- STANDRAD



























ATION ENTRY



ELEVATORS to TECH TRACKS
















EXHIBITING COMPANIES FROM EUEC 2022

	Air Gas	207
	Advanced Test Equipment	235
	AECOM, Inc.	345
	Air Hygiene	130
	Aispex	106
	AFL Industries	217
	Atlas SSI	237
	Alliance EM	231
	AVO Training	113
	B3 Systems	209
	Barr Engineering	339
	BlackStarTech	228
	Bell Lumber & Pole	341
	Bruker Optics	312
	Burns & McDonnell	239
	California Analytical	144
	CEM Service Group, Inc.	333
	Clean Harbors	241
	Charah	317
	Cooper Environmental	243
	Day Zimmermann	211
	Delta Instruments	232
	DEHN	212
	Dekoron Unitherm	304
	Dometec International	338
	EcoPhysics	143

	Environm (ESC)
	Everwin P
	ENABLON
	Encamp
	Fibrebond
	Fluke (Pr
	Gasmot T
	Grace Cor
	HORIBA
	Hepaco
	Industrial
	Industrial
	Interco
	ISVPay
	Liquid Seer
	Montrose
	Ollson
	Otek Corp
	Palmer D
	Perillon
	PowerSys
	Polystar C
	QED Envir tems
	Red Ball
	Reliability

ental Systems	218
recision	106
	310
	322
	234
ufftechnik)	236
ech	337
nsulting	141
	238
	343
H C	132
Lubrication	128
	329
	328
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	244
	214
D.	139
igital Group	108
	319
tem Consulting	313
ontainment	245
onmental Sys-	142
	110
y Testing Service	128

 Riverhawk	130
 RKI Instruments	316
 Semaconnect	110
 STI CEMS	104
 TELEDYNE API Everywhere you look	219
 TELEDYNE MONITOR LABS	219
 TH TECHNICAL HEATERS, INC.	230
 THERMOFIN	215
 Trinity Consultants	315
 U.S. DEPARTMENT OF ENERGY	129
 UCC environmental	206
 UNIVERSAL Analyzers, Inc.	331
 VIM TECHNOLOGIES	309