

**NATION'S BEST
STATEWIDE ENERGY
CONFERENCE**

Managing Energy Costs in a Volatile Market

Plethora of Energy Savings Case Studies & Energy Efficiency Best Practices

Soaring Energy Prices ■ Natural Gas Prices & Electricity Rates
Towards a Sustainable Energy Future ... Economic Opportunities
Tax Credits and Incentives ■ Net Zero ■ Financing Energy Efficiency
Intel's 100% Renewable Energy Challenge in Ohio ■ Solar + Energy Storage
Ohio Legislative Roundtable including Lingerin Issues Regarding HB 6
ISO 50001 ■ Shopping for an Electricity Supplier ■ Backup Energy
Cost of Electricity in Ohio – AEP-Ohio, FirstEnergy, Duke Energy & AES
PJM's Energy & Capacity Markets ■ Smart Grid Technology ■ CHP
Your PUCO at Work ■ Technology ■ Developing a Clean Hydrogen Hub
Why is Ohio Winning Attracting World-Class Manufacturers like Intel?
Best Practices in Managing Natural Gas Prices and Electricity Transmission Costs

27th Annual Ohio

ENERGY Savings & Management

C O N F E R E N C E

Tuesday & Wednesday, February 28 – March 1, 2023

The Columbus, a Renaissance Hotel, 50 North Third Street, Columbus

Featuring Energy Experts from Some of Nation's Leading Organizations Including:



Managing Energy Costs in a Volatile Market

According to a recent analysis by The World Bank headquartered in Washington, DC, the Russian invasion of Ukraine on February 24, 2022 (*just after the last day of this annual Ohio energy conference*) has **disrupted global energy markets**, generating the **biggest surge in crude-oil prices** since the 1970s. The consequences for global growth will be significant ... **higher energy prices** alone are likely to **reduce global output by nearly 1 percent** by the end of 2023. And **the price shock won't subside anytime soon**. Energy prices are now expected to increase by 50 percent on average in 2022. Coal prices, natural gas prices and crude oil prices are projected to increase in 2022 by **81 percent, 74 percent** (*average of the European, Japan, and U.S. benchmarks*), and **42 percent**, respectively. Moreover, **energy prices are expected to remain higher for longer**. Finally, according to the analysis, "policy makers need to prioritize policies that encourage greater energy efficiency and accelerate the transition towards low-carbon energy sources."

Higher and more volatile energy prices will be a catalyst for corporations to **prioritize energy efficiency initiatives** and increase the demand for **zero-carbon technologies, materials and services**, accelerating the transition to a **more sustainable, carbon-free future**.

At the 27th Annual Ohio Energy Savings & Management Conference, you will obtain valuable information on best **energy efficiency practices**, the **clean/renewable marketplace** and how to **better manage your energy costs in such a volatile energy marketplace**. Among the features of the 2023 conference is, again, a plethora of **best practices** and **case studies** from Ohio companies and their awarding-winning, leading-edge initiatives in **energy reduction & efficiency**. This annual event is widely praised for educating on **differing perspectives**.

Attend the **nation's premier statewide energy conference**, and benefit from both micro & macro energy management issues.

2023 keynote speakers are the best in the event's history, featuring again the most-popular panel on **Powering the Future of Ohio's Economy**. Tuesday's opening keynote will provide priceless insights on **economic incentives and tax credits** from our nation's historical investments in clean energy (Inflation Reduction Act -IRA, Infrastructure Investment for Jobs Act -IIJA, and CHIPS & Science Act - CHIPS and

how to **accelerate the transition to a more sustainable energy future**. From other keynotes, you'll learn:

- **Powering America's economy ... solutions to soaring energy costs,**
- **How Ohio is winning at the economic development game** attracting world-class manufacturers like Intel, with a history of clean power,
- Interactive legislative panel highlighting **major Ohio legislation impacting your energy bills,**
- **PUCO at work**, including educating energy consumers on rising energy costs, and
- **A natural gas marketplace and outlook** roundtable.

Register today for the largest energy management conference in America's heartland and learn how best to manage your energy costs in a volatile marketplace.

Outstanding Return on Investment

Invest wisely ... your time & financial resources are precious. No other conference will provide you with a **better return on your dollar** than the 27th Annual Ohio Energy Savings & Management Conference. – **guaranteed!** Attend this annual conference and join the **16,237** corporate energy directors, managers and engineers who have already benefited!

"I like the broad range of topics, some at the 10,000-foot view and some down in the weeds."

Matthew M. Morris, *Reliability Engineer & Energy Manager, North Star Blue Scope Steel, Delta, OH*

Cutting-Edge Energy Products, Services & Solutions

You'll network with some of the nation's leading experts who can provide resources to help you save on your energy costs, reduce your carbon footprint and solve your energy management challenges – experts from companies such as:



27th Annual Ohio Savings & Management Conference For Quick & Easy Registration ... Log onto www.MECseminars.com

Nation's Best Statewide Energy Conference ... Well Worth the Investment!

- Investment:** **\$695 per person**
\$595 per person for 4 or More Attendees
- Daily Rate Only:** **\$495 per person for February 28 Only**
\$495 per person for March 1 Only

Investment/Continuing Education Credits

Investment includes expert instruction for CEU's, access to the written materials & PowerPoints, two luncheons and breakfasts, an afternoon refreshment break and a gala reception among the sponsors and exhibitors. The conference has been approved (or approval pending) by the Supreme Court of Ohio Commission on Continuing Legal Education for 11 general CLE hours. Additionally, the event has been approved for 11 PHD hours for Ohio Professional Engineers and provides 2 AEE credits for Certified Energy Managers (CEM) from the Association of Energy Engineers.

Register Early!! Registration & Confirmation

Due to the **pent-up demand for in-person events, attendance may have to be limited (sell out)** so register early. Please register by Wednesday, February 22, 2023, and/or

cancel by 5 p.m. for full refund. Confirmation e-mail will be sent to all who register. Please let us know of any special needs, including dietary restrictions, when registering.

Location/Lodging

The Columbus, a Renaissance Hotel, 50 North Third Street, Columbus, OH 614.228.5050. Registration/Badge Pick Up on the 2nd Floor, Woody Hayes Ballrooms D/E Foyer. For overnight lodging at the Columbus Renaissance for the evening (s) of February 27 and/or February 28, you can reserve your lodging via a convenient onsite link on the MECseminars.com website. The room rate in the block is \$174. Alternatively, you can call the Renaissance directly at 877-901-1234 and mention the 27th Annual Ohio Energy Management Conference 2023 to get the group rate. Group cutoff date to receive this rate is February 6, 2023.

Display Opportunities

Displays in the Woody Hayes Ballroom foyer among the breakfasts, desserts, breaks and reception are **again almost sold out**. For **\$2500**, you can market your products and services to 425 of the best energy-end users in Ohio. The registration form is available on the MECseminars.com website and the display investment includes complete list of conference attendees and 2 complimentary, full conference attendees.

- TUESDAY, FEBRUARY 28**
10:45 a.m. to 11:45 a.m.
- A. Energy Savings – Manufacturers
 - B. FirstEnergy Rates
 - C. Energy Efficiency - HVAC
 - D. Energy Marketplace Trends
 - E. Energy Efficiency & Financing
 - F. Clean Energy Future Basics

- TUESDAY, FEBRUARY 28**
1:30 p.m. to 2:30 p.m.
- G. Energy Savings – Large Users
 - H. Managing Electric Costs in Ohio
 - I. Electricity Supplier Shopping
 - J. Volatile Natural Gas Prices
 - K. Duke Energy Rates
 - L. Energy Efficiency Case Study

- TUESDAY, FEBRUARY 28**
2:45 p.m. to 3:45 p.m.
- M. Ohio's Clean Hydrogen Hub
 - N. Cut Energy Bills ... Digitalization
 - O. Reducing Energy – ISO 50001
 - P. PJM's Energy & Capacity Markets
 - Q. AES Ohio Rates
 - R. C-PACE Financing

- WEDNESDAY, MARCH 1**
10:45 a.m. to 11:45 a.m.
- AA. Energy Strategies to Cut Costs
 - BB. AEP Ohio Rates
 - CC. Combined Heat & Power (CHP)
 - DD. LED Lighting Retrofit Systems
 - EE. New Technologies

- WEDNESDAY, MARCH 1**
2:00 p.m. to 3:00 p.m.
- FF. Effective Energy Management
 - GG. Backup Energy and Costs
 - HH. Solar+Storage Incentives

REGISTRANTS

Names/Titles

E-Mail Address

A-F

Workshop Preference

G-L

M-R

AA-EE

FF-HH

Names/Titles	E-Mail Address	A-F	G-L	M-R	AA-EE	FF-HH

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Energy Savings & Management

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Nation's Best Statewide Energy Conference

The Columbus, a Renaissance Hotel, 50 North Third Street, Columbus

Tuesday, February 28, 2023

7:15 a.m. Registration, Displays Open & Breakfast
sponsored by Dynegy



Complimentary Wi-Fi for Attendees *sponsored by EnPowered*



8:45 a.m. Conference Welcome & Introductions

8:55 a.m. Delivering a Clean Energy Future? Insights into the Historic Investment into Clean Energy, Carbon Reduction & Climate Resilience and Economic Opportunities including Tax Credits & Incentives from the Inflation Reduction Act (IRA); Infrastructure Investment for Jobs Act (IIJA) and CHIPS & Science Act (CHIPS) ... How They Will Accelerate Energy & Climate-Related Investments



Paul A. Naumoff
Principal and Global & Americas Location, Investment, Credits and Incentives Services Leader and Global Co-Leader - Sustainability and ESG Tax
Ernst & Young, LLP
Columbus

9:50 a.m. Powering America's Economy – Energy Security and Energy Transition Continue to Remain Paramount



Christopher Guith
Senior Vice President
U.S. Chamber of Commerce
Global Energy Institute
Washington, DC

10:30 a.m. Visit the Energy Displays & Mid-Morning Break
sponsored by Energy Harbor



10:45 a.m. to 11:45 a.m. 6 Interactive & Concurrent Workshops

A. Energy Savings Champions – Best Practices & Case Studies in Energy Reduction & Energy Efficiency in Award-Winning Manufacturers

- Valuable insights from energy efficiency & conservation champions in reducing energy use & costs, long-term. Strategic tools, methods and upgrades. Results in efforts to make energy savings come alive!

Teresa M. Sexton, *Corporate Environ. & Energy Manager, Navistar, Inc.*, Springfield and Lisa Majchrzak, *Certified Energy Manager (CEM) and Environmental Coordinator & Kailynn Zook, MS, GSP, Green Factory Plant Environmental Leader, Honda of America Manufacturing, Inc.*, Marysville & East Liberty

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Tuesday, February 28, 2023 *continued*

10:45 a.m. to 11:45 a.m.

6 Concurrent & Interactive Workshops Continued

B. FirstEnergy: Significant Developments Impacting Electric Rates

- Priceless insights into issues affecting electric rates in FirstEnergy's service territory, including skyrocketing Standard Service Offers (SSO) auction on 10.4.22 that will likely see dramatic increases in electric costs beginning 6.1.23; rising transmission costs, customer refunds, smart grid deployment; the status of the PUCO's investigations regarding its political and charitable spending; a review of recent rider updates; and rate-related updates on legislative issues. The present and future state of SSO load auctions and SSO rates.

James Lamson III, *CPSM, CPM, Operations Service Manager, ASHTA Chemicals, Inc.*, Ashtabula; Matt Brakey, *President & Jennifer Lemley, Energy Analyst, Brakey Energy*, Chagrin Falls; *Representative(s), FirstEnergy Corp.*, Akron and David F. Proaño, *Regulatory Counsel, Industrial Energy Users-Ohio and Partner, BakerHostetler LLP*, Cleveland

C. Best Energy Efficiency Practices ... HVAC Efficiency Operations

- Energy efficiency controls including economizer, air handler discharge temperature reset, boiler and chiller plant pressure control reset, and others. How automation systems are programmed to control valves and dampers including describing how the feedback control logic works.

Jeffrey A. Roe, *CEM, Energy Manager and Environmental Health & Safety Manager* and Matthew Wolfe, *Building Controls System Integrator, Columbus City Schools*, Columbus

D. A Rapidly-Changing Energy Marketplace ... Global Trends, Natural Gas & Power Markets, Price Risk and Renewables

- Soaring costs of natural gas, fueled by a supply crunch and geopolitics. Natural gas outlook, trends and price drivers. Increase in domestic natural gas production. Power markets fundamentals. Risk associated with forward curves and strategies. Renewable evaluation vs current and forward-market prices.

Josh Buras, *Managing Director, North East/Midwest Portfolio Management* & Dan Chumbley, *Director, Energy, Risk & Carbon Management, Calpine Energy Solutions*, San Diego, CA & Downers Grove, IL and Jackie Stewart, *Director of External Affairs, Encino Energy*, Carrollton

E. Achieving Cost Savings with Energy Efficiency and Finance Programs

- Cost savings achieved through improvements in energy efficiency directly impacts the bottom line and is a competitive advantage. Success stories and program descriptions will explain how the Ohio Department of Development supports energy efficiency for Ohio's manufacturers.

Megan Meadows, *Chief, Community Services Division*; Luke Stedke, *Assistant Chief, Community Services Division*; Shaun Sagle, *Energy Programs Manager*; Manny Anunike, *Energy Specialist*; Karla Gulker, *Energy Loan Program Coordinator*; and Caroline Johnstone, *Energy Analyst 2, Ohio Department of Development*, Columbus and Melisa Adrien, *Program Coordinator* & Nikhila Rao, *Program Manager, Graphet Data Mining*, Cincinnati

F. Fundamentals of a Clean Energy Future ... Net Zero, Approaches to Environmental Sustainability and Technologies & Innovations

- Best practices and varying approaches to environmental sustainability. Drivers and potential scope, including phases of energy sustainability. Target setting and key considerations. Planning framework and reduction mechanism. Trending technologies and innovations. Execution and program management considerations.

Jamie E. Jankowski, *PE, CEM, Director Strategic Account Solutions, AEP Energy*, Columbus

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Tuesday, February 28, 2023 *continued*

11:45 a.m. to 1:45 p.m.

Luncheon, Keynotes and Desserts

11:45 a.m. Luncheon *sponsored by AEP Energy*

12:15 p.m. **Why is Ohio Attracting World-Class Corporations such as Intel's \$20 Billion Investment Deploying Clean Energy Solutions and Transforming Ohio as the Silicon Heartland, the New Epicenter of Leading-Edge Technology?**

Insights on economic development successes and what role does Ohio's energy marketplace play into Ohio's success. Ohio is home to 3 of America's Top-10 Tech Cities (*Cleveland, Columbus, Cincinnati*) and 2 of Forbes' Top-10 Rising Cities for Startups (*Columbus & Cincinnati*). Why are the best manufacturers and corporations choosing Ohio?



Timothy J. Wells
Vice President, Economic and Business Development
American Electric Power (AEP)
Columbus



Dana Saucier, Jr., *Vice President & Head of Economic Development*
JobsOhio
Columbus



1:00 p.m. Mini-Desserts among the Energy Displays

1:30 p.m. to 2:30 p.m.

6 Interactive & Concurrent Workshops

G. Energy Savings Champions – Best Practices & Case Studies in Energy Reduction & Energy Efficiency in Award-Winning Multi-Facility, Large National Corporations

- Valuable insights from energy efficiency & conservation champions in reducing energy use & costs, long-term. Strategic tools, methods and upgrades. Results in efforts to make energy savings come alive!

Andrew Stroh, *CEM, Manager, Renewable Energy Procurement*, & Brett Thompson, *Senior Analyst, Utilities Procurement, 7-Eleven Inc. & Speedway*, Columbus

H. Cost of Electricity in Ohio ... Managing Electric Costs in a Highly Volatile Environment

- How an upstart Ohio Bitcoin mine is achieving success and profitability in a highly volatile energy and cryptocurrency marketplace. How Toshi mines Bitcoin while keeping its energy costs low. Strategies including capacity and transmission coincident peak management, defaulting to the Standard Service Offer, the PUCO Reasonable Arrangement process, strategies for competitively sourcing power, and demand response programs like synchronous reserves, economic, and emergency.

Matt Brakey, *President* & Katie Emling, *Engineer*, **Brakey Energy**, Chagrin Falls and David Zadeh, *Chief Operating Officer*, **Toshi CMC, LLC**, Norwalk

I. Smart & Savvy Energy Professionals ... Shopping for an Electricity Supplier

- Valuable information on considerations. Contract considerations -execution timing, budget, contract terms, state regulations, cost components, etc. Tailoring a contract for your specific needs - products to protect against energy price volatility/market volatility, competitive pricing for renewable energy plans and energy efficient solutions, do they back their transactions with physical generating assets, passing through capacity and transmission charges. Rebates, demand response, marketing partnerships, community support.

Katie Kiefer, *Director, Retail Solutions*, **Dynegy**, Cincinnati

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1:30 p.m. to 2:30 p.m.

6 Interactive & Concurrent Workshops Continued

- J. Volatile Natural Gas Prices ... Market Outlook & Trends, Price Drivers and Innovative Product Options**
- Insights on natural gas market, price drivers, innovative products. Supply/demand and price curve. Natural gas impact on power generation. LNG. Pipe infrastructure. Ohio pricing and pipeline changes (*gas flow*). Constraints. What to expect in the future and what does this mean to customers.
- Brian Habacivch, *Principal, Commodities Management Group, Constellation*, Louisville, KY and Jeff Bolyard, *Principal, Energy Supply Advisory, Edison Energy LLC*, Columbus
- K. Duke Energy Ohio: Significant Developments Impacting Electric Rates**
- Priceless insights into developments affecting electric rates in Duke Energy Ohio's service territory, including results from first SSO auction for the 2023-2024 DY on September 20, 2022, clearing at a price of 11.575¢ per kilowatt hour (kWh), energy efficiency program, managing escalating transmission costs and rate-related updates on legislative issues. The present and future state of SSO load auctions and SSO rates.
- Anthony J. Smith, *Category Manager-Energy Supply, Marathon Petroleum Company*, Findlay; *Representative(s), Duke Energy*, Cincinnati; Jennifer Lemley, *Energy Analyst, Brakey Energy*, Chagrin Falls; and David F. Proaño, *Regulatory Counsel, Industrial Energy Users-Ohio and Partner, BakerHostetler LLP*, Cleveland
- L. Unlocking Multiple Value Streams: The Cincinnati/Northern Kentucky International Airport's Terminal Garage Energy Efficiency and Parking Wayfinding Project**
- Best practices and energy savings of over \$500,000 annually for a customized parking garage system, unlocking of 550 kW of power to accommodate up to 100 EV charging stations. Phase 2 to connect all the fixtures with an AI engine that will change the color of each parking zone dynamically as it fills and empties.
- Andrew S. Ritch, *Partner, Donovan Energy*, Cincinnati

2:30 p.m. **Visit Energy Displays and Afternoon Refreshment Break**
sponsored by Constellation



2:45 p.m. to 3:45 p.m.

6 Interactive & Concurrent Workshops

- M. Ohio Strategy for Developing a Clean Hydrogen Hub: Generation, Infrastructure and Markets**
- Insights on Ohio's response to the U.S. Department of Energy Hydrogen Shot Plan/Hydrogen economy vision. Bipartisan Infrastructure Bill and Clean Hydrogen Hub FOA response strategy and timeline. Ohio Clean Hydrogen Hub Alliance strategy. Hydrogen generation strategies for Ohio. Hydrogen markets in Ohio -- power, transportation, industrial. Hydrogen infrastructure strategies for Ohio. Critical strategies: workforce, energy justice, regulatory frameworks.
- Andrew Thomas, *Director of Midwest Hydrogen Center of Excellence and Energy Policy Center* & Mark Henning, *Research Associate, Cleveland State University*, Cleveland and Kirt Conrad, *CEO/Executive Director, Stark Area Regional Transit Authority*, Canton

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Tuesday, February 28, 2023 *continued*

2:45 p.m. to 3:45 p.m.

6 Interactive & Concurrent Workshops Continued

- N. 'Pay with Your Saving' ... How to Cut Your Energy Bill by Half without Any Upfront Investment!**
- Act on your energy projects today and accelerate your approval process by paying for your purchase with future savings unlocked by the project (without any upfront costs). Invest in energy solutions that will cut your energy bills in half by utilizing an on-bill platform.
- Tomas van Stee, *Founder & CEO, EnPowered*, Kitchener, Ontario and Columbus
- O. Reducing Your Energy Costs & Environmental Footprint: ISO 50001 Ready ... A Holistic Approach to Energy Savings & Management**
- Insights on ISO 50001-ready navigator tool available from the U.S. Department of Energy and how the tool can be used to develop an Energy Management System (EMS), that will deliver results to your bottom line.
- Renee Rambo, *Energy Manager, Vallourec STAR LP*, Girard and Jason Clarke, *CEM, Engineering Project Manager, Manufacturing Extension Partnership, Georgia Institute of Technology*, Rock Spring, GA
- P. PJM: Valuable Insight into PJM Interconnection and How its Energy and Capacity Markets Operate**
- Valuable insights on PJM's roles and responsibilities to establish regional grid reliability. How PJM's day-ahead and real-time market sets locational marginal prices for energy and how PJM secures capacity resource in advance to ensure the region can meet peak demands. How PJM's periodic capacity auctions function and how capacity prices are established.
- Glenn S. Benson, *Partner, BakerHostetler LLP*, Washington, D.C. and Rebecca Carroll, *Director of Market Design, PJM Interconnection*, Valley Forge, PA
- Q. AES Ohio (DP&L): Significant Developments Impacting Electric Rates**
- Insights into developments over the last year affecting electric rates in AES Ohio's service territory, including an update on its 2020/2021 Distribution Rate Case; the Global Settlement of its smart grid plan, significantly excessive earnings test, and other issues; a review of recent rider updates; and rate-related updates on legislative discussions on energy issues. AES Ohio Smart Grid Phase I – progress on Phase I rollout. The present and future state of SSO load auctions and SSO rates.
- David F. Proaño, *Regulatory Counsel, Industrial Energy Users-Ohio* and *Partner, BakerHostetler LLP*, Cleveland; Jennifer Lemley, *Energy Analyst, Brakey Energy*, Chagrin Falls; and *Representative(s), AES Ohio*, Dayton
- R. Commercial Property Assessed Clean Energy (C-PACE) – Innovative Financing Solution that Lets You Get Money, Make Money and Protect Your Money**
- Insights on the ins and outs of C-PACE financing. Latest financing tools available for facilities and operations. How to build-out the entire capital stack without high-cost investor debt. Technical and practical application of C-PACE as a viable capital solution. Case studies of more than 100 successful C-PACE projects.
- Josef Pipoly, *Co-Founder/Managing Partner, Ebee Management Group*, Columbus and Lucas Witters, *Tax Incentives Group Attorney, BakerHostetler LLP*, Cleveland

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Tuesday, February 28, 2023 *continued*

4:00 p.m. to 5 p.m.

Interactive Ohio Legislative Roundtable

4:00 p.m. Interactive Ohio Legislative Roundtable

Priceless Insights on Electric Security Plan Reform or Replacement, Energy Efficiency, Soaring Natural Gas Prices & Transmission Rates, Ohio Power Siting Board (OPSB) Incentivizing Renewables and Lingering Efforts Regarding HB 6 including Ohio Valley Electric Corporation (OVEC), Solar Subsidies and Corruption Trial of Former Ohio House Speaker, Larry Householder



Joe Price
Executive Director
Ohio Energy Group &
Partner, Larr Policy Consulting
Columbus



Lori A. Herf
Senior Advisor, Governmental Affairs
Industrial Energy Users-Ohio &
BakerHostetler LLP
Columbus



Chris Ventura
Executive Director, Midwest
Consumer Energy Alliance
Columbus

Chairman, Ohio Senate Energy & Public Utilities Committee
Ranking Minority Member, Ohio Senate Energy & Public Utilities Committee
Chairman, Ohio House of Representatives Public Utilities Committee
Ranking Minority Member, Ohio House of Representatives Public Utilities Committee

5:00 p.m. to 6 p.m.

Gala Reception

5:00 p.m. **Gala Reception** *sponsored by Consumer Energy Alliance, Industrial Energy Users-Ohio, Ohio Energy Group*



At the state's **premier energy management networking reception**, interact with invited members of the **Ohio General Assembly** including Chairs of the invited **Ohio Senate & Ohio House of Representatives** committees addressing energy issues and your peers, and discuss major energy management issues impacting Ohio's economic future.

6:30 p.m. **Adjournment for the Day**

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Wednesday, March 1, 2023

7:30 a.m. **Breakfast & Visit the Energy Displays**
sponsored by Brakey Energy & Brakey Law



8:30 a.m. **Powering the Future of Ohio's Economy ... Priceless Insights on Solutions to Soaring Energy Prices and Rising Generation/Transmission Rates; Smart Grid, Advanced Technologies & Grid Reliability; Cybersecurity; Renewable Sources; and Impact of Recent Federal Legislation on Ohio's Economy**

Moderators:



Jennifer Klein
President
Ohio Chemistry Technology Council
Columbus



David F. Proaño
Regulatory Counsel
Industrial Energy Users-Ohio
Partner, BakerHostetler LLP
Cleveland

Panelists:



Rajiv (Raj) Bazaj
Vice President
Sustainability Solutions
Constellation Energy Corp.
Livonia, MI



F. Stuart Bresler III
Senior Vice President
Markets & Planning
PJM Interconnection
Valley Forge, PA



Gabe Castro
Senior Vice President
US Retail Business Markets
Vistra Corp.
Irving, TX



Jeffrey Levine
Vice President
Government /Regulatory Affairs
ENGIE North America Inc.
Philadelphia, PA



Maria Haberman
Chairperson
Ohio Electric Utility Institute &
Managing Director, Government Affairs
American Electric Power
Columbus



David Holt
President
Consumer Energy Alliance
Houston, TX

10:30 a.m. **Mid-Morning Break & Visit the Energy Displays**
sponsored by ENGIE



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Wednesday, March 1, 2023 *continued*

10:45 a.m. to 11:45 a.m.

5 Interactive & Concurrent Workshops

- AA. How to Optimize Your Energy Strategy to Cut Costs, Increase Resilience and Secure More Sustainable Growth**
- For energy-intensive businesses, there has never been a better time to review your energy strategies. From grid revenue schemes to smart tariffs and operational cost-savings, you can participate in a suite of energy services to boost your bottom-line, improve energy performance and support the transition to a net zero economy. How to protect your organization from price volatility and the impact of new regulation. How AI energy technologies will increase your competitive edge through participation in energy markets.
- Joe Hayden, *Vice President, GridBeyond*, Houston, TX
- BB. AEP Ohio (Ohio Power Company): Significant Development Impacting Electric Rates**
- Priceless insights into developments impacting retail electric rates in AEP Ohio's service territory, including its current or future electric security plans, managing escalating transmission costs and rate-related updates. The present and future state of SSO load auctions and SSO rates.
- James Loder, *Director of Energy Management, Pixelle Specialty Solutions LLC*, Spring Grove, PA; *Representative(s), American Electric Power/AEP Ohio*, Columbus; Jennifer Lemley, *Energy Analyst, Brakey Energy*, Chagrin Falls; and David F. Proaño, *Regulatory Counsel, Industrial Energy Users-Ohio* and *Partner, BakerHostetler LLP*, Cleveland
- CC. Combined Heat & Power (CHP) ... Most Profitable Pathway to Sustainability and Achieving Net-Zero with ROI**
- CHP's interaction with and impact on the grid. Comparison to other power/heat procurement options Results/ROI from 100s of MW of financially successful CHP projects and insights on designs that maximize efficiency and minimize emissions. CHP provides both lowest emissions and highest ROI and payback period is now slashed with the incentives in the IRA.
- Edward (Ed) Stoermer, *Vice President, CHP & Cogeneration, Western Region* and Ben Rolfes, *Sales Engineer, The Lathrop Trotter Co.*, Cincinnati and Kevin Jensen, *Midwest Account Manager, Solar Turbines*, Naperville, IL
- DD. Best Energy Efficiency Practices ... Slash Your Energy Costs with LED Lighting Retrofit Systems**
- Take control over rising energy costs with programs such as SmartLite, a LED lighting retrofit system that reduces energy consumption, modernizes facilities, improve safety and make employees happy. Systems like Smartlite are built on the innovative EnPowered on-bill platform.
- Tomas van Stee, *Founder & CEO, EnPowered*, Kitchener, Ontario & Columbus; and James Ziegan, *Founder & Owner, Ohio Energy Management, Harrington Electric Co.*, Cleveland
- EE. Energy Reduction Innovation - Staying Ahead of the Curve by Plugging into New Technologies and Regional Ecosystems**
- Energy transition to net zero will require more than current technologies like solar, EVs and carbon credits. Update on Ohio's new startups meeting the technology and innovation challenge. Case studies of new technology examples.
- Jing Lyon, *Entrepreneur Programs Director, BRITE Energy Innovators*, Cleveland

Noon to 12:30 p.m.

Luncheon

Noon

Luncheon sponsored by the Industrial Energy Users – Ohio



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Wednesday, March 1, 2023 *continued*

12:30 p.m. to 1:45 p.m.

Keynote and Roundtable

12:30 p.m. **Your PUCO at Work -- Annual Report on Accomplishments including Educating Consumers on Rising Energy Prices, AEP Rate Settlement Case and Refunds for FirstEnergy and Duke Energy Customers ... Future Priorities Impacting Ohio Business & Industry**



Jenifer French
Chairperson
Public Utility Commission of Ohio (PUCO)
Columbus

1:00 p.m. **Skyrocketing Prices: Ohio's Natural Gas Utilities ... Valuable Insights on Factors that Led to a Significant Increase in Prices, What Large Energy End Users Can Expect in the Future and Ohio's Natural Gas Market Structure and Outlook ... Roundtable of IEU-Ohio/BakerHostetler, Utility Pipeline Ltd., and Dominion Energy**



Glenn S. Benson
Partner
BakerHostetler LLP
Washington, D.C.

Andrew Duckworth, *President, Utility Pipeline Ltd.*, Canton
Vanessa Hamilton, *Executive Vice President, Business Development, Utility Pipeline Ltd.*, Canton
Representative, Dominion Energy

1:45 p.m. **Break sponsored by BakerHostetler**

BakerHostetler

2:00 p.m. to 3:00 p.m.

3 Interactive & Concurrent Workshops

FF. Energy Market Price Trends and Effective Energy Management & Cost Reduction

- Best practices in managing energy costs in an increasingly volatile market including energy auditing, energy procurement strategies, capacity management, demand management, demand response and the synchronized reserve market.

Thomas Sherman, *CEM, CEA, CDSM, CCASS, President, Sustainable Energy Services, Inc.*, Westlake

GG. Best Practices for Backup Energy: Balancing Sustainability, Reliability and Cost

- How to ensure operational reliability while also decarbonizing away from diesel and reducing carbon emissions? Effects of decarbonization and electrification on the reliability, alternatives to the traditional diesel backup power choice such as natural gas, renewable natural gas, solar and energy storage; utilizing Renewable Natural Gas to reduce Scope 1 and Scope 2 emissions; and how to realize CAPEX and OPEX savings via 'Resiliency-as-a-Service' using Microgrid technology.

Matthew Maiers, *Global Account Director – Manufacturing, Enchanted Rock*, Houston, TX

HH. Technology Advancements ... Optimizing Value from Incentives for Solar + Energy Storage Systems

- Never been better for business customers to reap the advantages of solar paired with energy storage. In-depth information on the available incentives and how to leverage behind-the-meter solar+energy storage systems to reduce costs, earn revenue from providing grid services, protect your operation from outages, and provide environmental benefits. Case studies from existing successful Midwest projects.

David J. Braun, *Vice President, Intelligent Generation*, Chicago, IL

3:00 p.m.

Conference Adjournment