

**Nation's Largest
Statewide Energy
Conference**

Energy ... Fueling Ohio's Economic Future

Plethora of Energy Savings Case Studies & Energy Efficiency Best Practices

Will Ohio's Electric Security Plan (ESP) Statute Be Repealed or Amended in 2024?
Ohio Electric Rates & Smart Grid – AEP-Ohio, FirstEnergy, Duke Energy & AES-Ohio ■ Net Zero PJM Market Reforms ■ Managing Volatile Natural Gas Prices ■ Natural Gas in a Clean Energy Future
Ohio's Robust Economic Future in a Sustainable Energy Economy ■ Hydrogen Hub (ARCH2)
Tax Credits/Incentives ■ Financing Energy Efficiency ■ Backup Energy ■ Onsite Solar ■ CHP
Energy Management Systems ■ Shopping for an Electricity Supplier ■ Decarbonization
Data Center Investments in Ohio ■ Smart Grid Technology ■ PUCO Rate Cases & Settlements
Women in Energy ■ Best Practices in Managing Natural Gas Prices and Electricity Rates

28th Annual Ohio

ENERGY Savings & Management

C O N F E R E N C E

Tuesday & Wednesday, February 27 – 28, 2024

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

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

2024 Presenting Sponsor



*The Premier Advocate for Ohio's
Largest Energy Users*



Energy...Fueling Ohio's Economic Future

While promoting **low-cost & reliable energy** sources, Ohio's energy transformation is achieving a **sustainable energy economy**, striving for **net zero emissions** and attracting billions & billions of **new investments from world-class corporations** such as Intel, General Motors, Honda, Ford and Amazon ... resulting in a **robust economic AND a more sustainable, carbon-free future** for Ohioans.

At the **nation's premier statewide energy conference**, the 28th Annual Ohio Energy Savings & Management Conference, you'll receive priceless insights into **zero-carbon technologies**, best **energy efficiency** practices, **energy prices, trends, savings opportunities**, how to **better manage your energy costs** and Ohio's success in achieving a **clean energy future**. Among the features of the 2024 conference is, again, a plethora of **best practices** and **case studies** from Ohio companies and their award-winning, leading-edge initiatives in **energy reduction & efficiency**. You'll benefit from both micro & macro energy management issues. "I like the broad range of topics, some at the **10,000-foot view and some down in the weeds**," according to previous conference attendee, Matthew M. Morris, Reliability Engineer & Energy Manager, North Star Blue Scope Steel, Delta, Ohio.

2024 keynote speakers are the best in the event's history featuring:

- Role of **natural gas in Ohio's clean energy future**, including the leading-edge technologies and hydrogen-based economies
- How Ohio is **winning at the economic development game** attracting world-class manufacturers like Amazon with a history of clean power
- Interactive legislative panel on the 3 major bills pending in the Ohio General Assembly .. **each would fundamentally change how electric rates are set**
- PUCO's Chairperson Judith French and **key utility rate cases & settlements** and grid reliance funding
- Most-popular roundtables on Ohio's **electricity and natural gas marketplace and outlook**.

Plan to attend now this premier educational event, **widely praised for educating on differing perspectives**. During the conference you'll hear differing perspectives on major 2024 energy policy issues such as the proposed repeal of or amendments to Ohio's Electric Security Plan (ESP) statute. Perspectives such as:

- **Ohio Energy Group** (representing companies such as **Cleveland-Cliffs., Ford, GE Aviation, GM, TimkenSteel & Worthington Industries**) – Executive Director, Joe Price, advocated the repeal on May 23, 2023 in testimony before the Ohio Senate's Energy & Public Utility Committee as a proponent of SB 102 saying, "... **repeal the existing Electric Security Plan (ESP) statute and replace it with a modernized rate-making process that is fair to both customers and the investor-**

owned electric utilities. ... (S.B. 102) achieves the desired balance in both protecting customers and providing a reasonable framework for utilities to continue investing to keep the grid safe, reliable, and secure. ... S.B. 102 is good energy policy, and therefore good manufacturing policy.'

- **American Electric Power** - Steve Nourse, Vice President, Legal, Steve Nourse on June 20, 2023 urged the Senate Committee not to move forward with SB 102 until their very serious concerns are addressed, '*...there are also, unfortunately, significant limits in SB 102 on the ability of utilities to provide the infrastructure upgrades necessary to ensure sites in Ohio remain competitive for (economic) development.'*

For over a quarter of a century, this annual conference has helped more than **12,051 manufacturers, universities, hospitals and large commercial entities save on their energy costs**. REGISTER TODAY for the nation's **largest statewide energy conference** and **learn how best to manage your energy costs in 2024 & beyond**.

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 28th Annual Ohio Energy Savings & Management Conference. – **guaranteed!** Attend this annual conference and join the **12,051** 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 Mgr., 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:



28th Annual Energy 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 27 Only**
\$495 per person for February 28 Only
- OELC Members:** **Complimentary**-your membership includes this event.

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 10.75 general CLE hours. Additionally, the event has been approved for 11 PHD hours for Ohio Professional Engineers and 2 AEE credits for Certified Energy Managers (CEM) from the Association of Energy Engineers.

Register Early!! Registration & Confirmation

Due to the **tremendous demand, attendance may have to be limited (sell out)** so register early. Please register by Wednesday, February 21, 2024, and/or cancel by 5 p.m.

for a 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 26 and/or February 27, you can reserve your lodging via this convenient onsite link in the MECseminars.com website. The room rate in the block is \$189. Alternatively, you can call the Renaissance directly at 877-901-1234 and mention the 28th Annual Ohio Energy Savings & Management Conference to get the group rate. The group cutoff date to receive this rate is February 9, 2024, 5:00 p.m. EST.

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 27**
10:45 a.m. to 11:45 a.m.
- A. Hydrogen Economy – ARCH2
 - B. FirstEnergy Rates & Smart Grid
 - C. Electricity Supplier Shopping
 - D. Natural Gas & Sustainability
 - E. Energy Efficiency & Financing
 - F. Reducing Corporate Energy Use

- TUESDAY, FEBRUARY 27**
1:30 p.m. to 2:30 p.m.
- G. Energy Savings Champions
 - H. Ohio Energy Market Analysis
 - I. Decarbonization Implementation
 - J. Volatile Natural Gas Prices
 - K. Duke Energy Rates & Smart Grid
 - L. Onsite Solar Lesson Learned

- TUESDAY, FEBRUARY 27**
2:45 p.m. to 3:45 p.m.
- M. Energy Savings Champions
 - N. Women Leaders in Energy
 - O. Storage + Renewables
 - P. PJM's Capacity Reforms
 - Q. AES Ohio Rates & Smart Grid
 - R. Business Case for Sustainability

- WEDNESDAY, FEBRUARY 28**
10:30 a.m. to 11:30 a.m.
- AA. Sustainability Roadmap
 - BB. AEP Ohio Rates & Smart Grid
 - CC. Energy Management Systems
 - DD. Backup Generators
 - EE. Development of Distressed Prop.
 - FF. Combined Heat & Power

- WEDNESDAY, FEBRUARY 28**
2:00 p.m. to 3:00 p.m.
- GG. ARCH2 & Manufacturing
 - HH. Demand Response Opportunities
 - II. 'Physical' Renewable Energy Options
 - JJ. Onsite Solar and the IRA

REGISTRANTS

Names/Titles

E-Mail Address

Workshop Preference

A-F

G-L

M-R

AA-FF

GG-JJ

Names/Titles	E-Mail Address	A-F	G-L	M-R	AA-FF	GG-JJ

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2024 Conference Presenting Sponsor



Ohio
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Council

Tuesday, February 27, 2024

7:15 a.m. Registration, Displays Open & Breakfast *sponsored by*
Dynege and Energy Harbor



8:45 a.m. Conference Welcome & Introductions



Renee Rambo, *Chairman*
Ohio Energy Leadership Council (OELC) and
Energy Manager, Vallourec STAR LP, Girard

8:55 a.m. America's Energy Transformation and the Role of Natural Gas in Net-Zero Emissions



Dena Wiggins
President and CEO
Natural Gas Supply Association
Washington, DC

9:45 a.m. General Motors' Award-Winning Energy Sustainability Journey: Making Ohio a Renewable Energy Powerhouse by Securing 100% Renewable Electricity to Power All U.S. Operations by 2025 and Implementing Robust Energy Efficiency Projects, Sourcing from Clean Energy, and Smart Integration of Technology



Rob Threlkeld, CEM
Director, Global Energy Strategy
General Motors Co.
Warren, MI

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



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

A. Hydrogen/Carbon Dioxide Regulation/Economics ... Appalachian Regional Clean Hydrogen Hub (ARCH2), One of U.S. Dept. of Energy's Seven National Hydrogen Hubs

Ohio's role in developing a hydrogen economy, economic opportunities and regulatory challenges. Appalachian Hydrogen Hub strategy. Role of hydrogen in decarbonizing Ohio's economy. Strategies for Carbon Dioxide Sequestration in Ohio: Geologic Storage and Class VI Wells. Class VI well regulation, primacy, unitization. Hydrogen markets, storage, transportation and generation. Federal regulation of hydrogen and CO2 pipeline transportation. Status of IRA hydrogen production tax credits.

Andrew Thomas, *Director, Energy Policy Center* and Mark Henning, *Research Supervisor, Cleveland State University*, Cleveland; Michael Diamond, *Partner, Van Ness Feldman, LLP*, Washington, DC; Dr. Neeraj Gupta, *Technical Director, Carbon Management, Battelle Memorial Institute*, Columbus

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6 Interactive & Concurrent Workshops *continued*

B. FirstEnergy: Significant Developments Impacting Electric Rates & Smart Grid Technology

Priceless insights into issues affecting electric tariffs and rates and SmartGrid deployments in FirstEnergy's service territory, including FirstEnergy's pending fifth Electric Security Plan (ESP V) application; FirstEnergy's pending Grid Modernization Phase II application; FirstEnergy's upcoming base rate case expected in May 2024; potential changes to transmission billing and interruptible rate credits; proposed changes to Standard Service Offers (SSO) load auctions & rates; changes and updates to FirstEnergy's riders; and ongoing customer refunds by FirstEnergy.

James Lamson III, *CPSM, CPM, Operations Service Manager, ASHTA Chemicals, Inc.*, Ashtabula; Matt Brakey, *President & Katie Emling, Engineer, Brakey Energy*, Chagrin Falls; and David F. Proaño, *Regulatory Counsel, Ohio Energy Leadership Council (OELC) and Partner, BakerHostetler LLP*, Cleveland

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

How the market determines electricity pricing, what impacts the market, and when is the best time to buy. Components of a contract - product offerings (*are we comparing apples to apples, or apples to oranges?*). Deeper dive into what products are actually comparable across the board and smart reporting to ensure efficiency. Meeting sustainability goals through supply and solutions.

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

D. Natural Gas Utilities: Sustainability Approaches and Energy Efficiency

Approaches to sustainability being pursued by gas utilities, including the use of alternative fuels (*such as renewable natural gas and hydrogen*) and energy efficiency. In-depth detail on hydrogen pilots, energy efficiency programs and development of long-term sustainability plans.

Erich Evans, *Director of Strategy and Risk Integration* and Joseph Clark, *Assistant General Counsel, NiSource / Columbia Gas*, Columbus; and Joshua Davis, *Supervisor, Gas Design Projects, Dominion Energy*, Cleveland

E. Achieving Cost Savings with Energy Efficiency and Finance Programs

Cost savings achieved through improvements in energy efficiency directly impact on 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.

Dr. Manny Anunike, *Energy Specialist*, Karla Gulker, *Energy Loan Program Coordinator*, Kevin Smith, *Coal and Energy Programs Coordinator*, Caroline Johnstone, *Energy Programs Manager*, Candice Brothers, *Energy Analyst, Ohio Department of Development*, Columbus; and Melisa Adrien, *Program Coordinator & Nikhila Rao, Program Manager, Graphet Data Mining*, Cincinnati

F. Reducing Corporate Energy Use by Nearly 40% in a Growing Company ... Successful Case Study

Insights into how the engineering and energy management team within Progressive Insurance has accomplished an approximately 40% reduction in energy in a growing company that others can implement too. Building automation optimization and scheduling. Equipment staging for efficiency and improved life cycle. Critical zone reset in VAV air systems. Free cooling through both heat exchangers and refrigerant migration chillers. Chiller plant upgrades and retrofits. Uninterruptable power supply system upgrades in both our data centers and regional office buildings. LED lighting retrofits and lighting control systems. How to take an engineering approach to environmental sustainability. Lessons learned and the success of our 1.8 MW solar array.

Erik Rasmussen, *CEM, Sustainability Engineering Consultant* and Mark Mansell, *CEM, Senior Facility Engineer, Progressive Insurance*, Mayfield Heights

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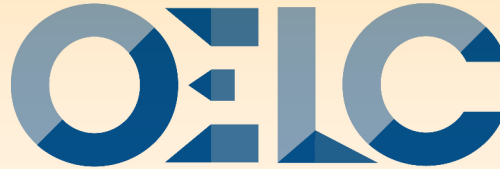
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Ohio Energy Leadership Council

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11:45 a.m. to 1:30 p.m.

Luncheon, Keynote & Mini-Desserts

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



12:15 p.m. Amazon's Data Center Investments in Ohio and Commitment to Renewable Energy



Craig Sundstrom
Senior Manager, Energy & Environment Public Policy
Amazon Web Services
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 at Cincinnati Zoo and Hamilton County

The greenest zoo in the world, the **Cincinnati Zoo & Botanical Garden's** 'Net Zero isn't Good Enough' culture transformation and on track to Net Zero Water/Waste/Energy goals by 2025. **Hamilton County's** case study of the various efforts, projects, and programs implemented to achieve an energy-efficient operation and optimal performance of facilities, including project investments and **tracking facility energy usage to insure ongoing savings.**

Mark Fisher, *VP- Facilities, Planning, & Sustainability, Cincinnati Zoo & Botanical Garden*, Cincinnati and Garyne Evans, *PE, CEM, Sr. Director, Dev. Engineering, Ameresco*, Cleves, & Ralph Linne, *BOC, CPM, MBA, Dir., County Facilities Dept., Hamilton County*, Cincinnati

H. Ohio's Energy Market Analysis ... Managing Energy Costs in a Volatile Market

Energy futures market price action for oil, gas, and PJM power. 2023 locational marginal price trends across PJM and the extraordinary circumstances. Increasing reliance on natural gas for power, liquefied natural gas market trends, and production growth. Macroeconomic trends including U.S. monetary policy and inflation and impact on energy markets. Managing energy costs ... factors to evaluate product options and risk management strategies including fixed-price, layered load-following, and block & index products.

Matt Brakey, *President* and Brandon Powers, *Energy Procurement, Brakey Energy*, Chagrin Falls

I. Decarbonization Implementation Options ... A Strong Plan to Focus on Efficiency and Conservation

Decarbonization implementation options and a strong plan to meet goals. Energy efficiency and conservation are the most impactful to the environment and can lead to long term benefits. Energy conservation principles and impacts from recent legislation.

Shaun Slisher, *Deal Desk Manager, AEP Energy*, Columbus

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

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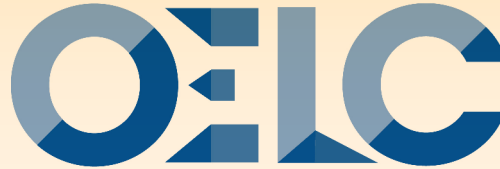
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1:30 p.m. to 2:30 p.m.

6 Interactive & Concurrent Workshops *continued*

K. Duke Energy Ohio: Significant Developments Impacting Electric Rates & Smart Grid Technology

Priceless insights into developments affecting electric tariffs and rates in Duke Energy Ohio's service territory, including Duke Energy's most recent distribution rate case; changes and updates to Duke's riders; changes to Standard Service Offers (SSO) load auctions & rates; update on Duke's smart grid deployment; and rate-related updates on legislative & regulatory issues.

Anthony J. Smith, *Category Manager-Energy Supply, Marathon Petroleum Company*, Findlay; Jody Kyler Cohn, *Partner, Boehm, Kurtz, & Lowry*, Cincinnati; and David F. Proaño, *Regulatory Counsel, Ohio Energy Leadership Council (OELC)* and *Partner, BakerHostetler LLP*, Cleveland

L. Lessons Learned from Industry Leaders with Onsite Solar: Why Now Is the Right Time to Lock in a Lower Energy Rate!

The cost of waiting to implement solar could not be greater ... deep dive into investment and decision-making process. By generating clean energy, how organizations can gain energy independence, insulating themselves from volatile energy markets and reducing operating costs. Levelized cost of energy – long-term strategic thinking. How solar makes sense in Ohio and how to sell internally. Case studies of organizations benefiting from solar now in Ohio.

Andrew (Drew) Guthridge, *Chief Financial Officer, Melink Solar*, Milford and Jeff Bohrer, *Dir. of Facilities, Mount Saint John*, Beavercreek

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. Energy Savings Champions – Best Practices & Case Studies in Energy Reduction & Energy Efficiency

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!

Allegra Wiesler, *Sustainability Advisor, OhioHealth*, Columbus and Andrew Stroh, *CEM Global Sustainability Manager, McDonald's Corporation*, Chicago

N. Women Leaders in Energy ... Interactive Roundtable on Opportunities and Challenges

Interactive roundtable on how women leaders got engaged in the energy field, college & educational training paths, tips for career advancement, biggest challenges, best advice provided by a mentor (s) and other issues facing women in the energy field.

Sheryl R. Smith, *President, Women's Energy Network (WEN), Ohio Chapter* and *Vice President, National Market Director, Power Environmental Sector, TRC*, Columbus; Rebecca Karason, *CEM, Senior Vice President, Environmental Strategy & Sustainability Director, The Huntington National Bank*, Columbus; Jaclyn Oostman, *PE, Team Lead – Facility Safety & WEN Ohio President-Elect, TC Energy*; Grove City; Sommer L. Sheely, *Partner, Bricker Graydon LLC*, Columbus; Melissa L. Thompson, *Director of Regulatory Policy, Columbia Gas of Ohio, Inc.*, Columbus

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

6 Interactive & Concurrent Workshops *continued*

- O. Virtual Power Plants, Distributed Energy Resources, Microgrids, Solar, Storage - What Does It All Mean and What is the Opportunity for Ohio Businesses?**
- Insights into terms and details on the opportunities in Ohio for various forms of on-site power generation and load control. How these technologies provide cost reduction and help meet enterprise sustainability goals. Case studies of actual and planned projects in Ohio and across the Midwest.
- David J. Braun, *Vice President, Intelligent Generation*, Chicago, IL
- P. PJM: Valuable Insight into PJM's Proposed Capacity Market Reforms Filed with FERC and How its Energy and Capacity Markets Operate**
- Valuable insights on PJM's October 13, 2023 proposed capacity market reforms (*Dockets No. ER24-98-000 and ER24-99-000*) filing with the Federal Energy Regulatory Commission (FERC). PJM's role 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 functions and how capacity prices are established.
- Glenn S. Benson, *Partner, BakerHostetler LLP*, Washington, D.C.; Rebecca Carroll, *Senior Director, Market Design & Economics, PJM Interconnection*, Audobon, PA and Brian Kauffman, *Director, Wholesale Market Development, Mainspring Energy*, Philadelphia, PA
- Q. AES Ohio Dayton Power & Light): Significant Developments Impacting Electric Rates and Smart Grid Technology**
- Priceless insights into developments affecting electric tariffs and rates in AES Ohio's service territory, including the PUCO's approval of AES Ohio's fourth Electric Security Plan (ESP IV); PUCO's approval of AES Ohio's recent distribution rate case; AES Ohio deployment of Smart Grid investments and technologies; AES Ohio's new customer information system; changes to Standard Service Offers (SSO) load auctions & rates; and changes and updates to AES Ohio's riders.
- Chris Hollon, *Senior Counsel, AES Ohio*, Dayton; David F. Proaño, *Regulatory Counsel, Ohio Energy Leadership Council (OELC)* and *Partner, BakerHostetler LLP*, Cleveland; and Katie Emling, *Engineer, Brakey Energy*, Chagrin Falls
- R. Decarbonization: Business Case for Investing in Sustainability**
- Decarbonization and sustainability strategies represent significant financial benefits. Understanding the value of sustainability and decarbonization efforts beyond the environment benefits and the keys to gaining executive-level support. How the environmental attributes of energy efficiency and renewable energy projects are part of the overall energy mix, and how the PJM independent system operator is incentivizing project owners with opportunities to monetize these investments. Project opportunities and why CFO's are eager to make these investments.
- Jerry Schmits, *Sr. Manager, Comprehensive Solutions* & Megan Phillips, *Sr. Manager, Comprehensive Solutions, Trane Technologies*, Cincinnati & Canton; and Steve Moritz, *President & CEO, Ecentiv Energy*, Pittsburgh, PA

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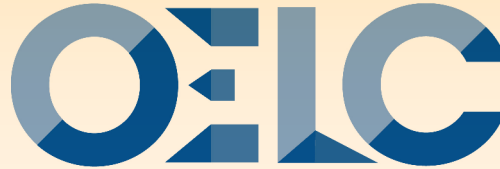
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4:00 p.m. to 5:00 p.m.

Interactive Ohio Legislative Roundtable

4:00 p.m. Priceless Insights on Major Bills Pending in the Ohio General Assembly ... Each Would Fundamentally Change How Electricity Rates are Set in Ohio

Priceless insights on Electric Security Plan Reform including **SB 102** (repeals ESP & replaces with IDMs – capped at 4% of base rate revenue, PUCO proceeding changes, rate cases every 5 years), **SB 143** (repeals ESP, no replacement riders, requires rate cases every 5 years, no refund provisions and eliminates reasonable rate and interruptible rate agreements) and **HB 260** (no ESP reforms, adds new riders called trackers, requires rate cases every 5 years, some refunds possible and PUCO proceeding changes) energy efficiency, soaring transmission rates, Ohio Power Siting Board (OPSB) and continuing efforts to repeal HB 6.



Introductions: Matt Brakey
Secretary-Treasurer
Ohio Energy Leadership Council (OELC) and
President, Brakey Energy, Chagrin Falls



Moderator: Lori A. Herf
Senior Advisor for Governmental Relations
Ohio Energy Leadership Council (OELC)
and BakerHostetler, Columbus



The Honorable Bill Seitz
Majority Floor Leader, (District 30-R, Cincinnati)
Ohio House of Representatives
Public Utilities Committee



The Honorable Shane Wilkin
Senator (District 17-R, Hillsboro)
Ohio Senate
Energy & Public Utilities Committee



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



The Honorable Mark J. Romanchuk
Senator (District 22-R, Ontario)
Ohio Senate
Energy & Public Utilities Committee



Steven T. Nourse, Esq.
Vice President – Legal
American Electric Power/AEP Ohio
Columbus



The Honorable Kent Smith
Senator (District 21-D, Euclid)
Ohio Senate
Energy & Public Utilities Committee



Chris Ventura
Executive Director, Midwest
Consumer Energy Alliance
Columbus

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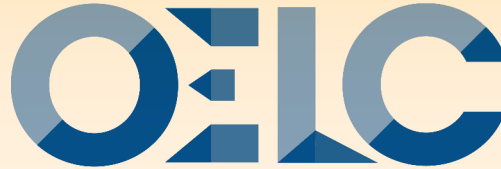
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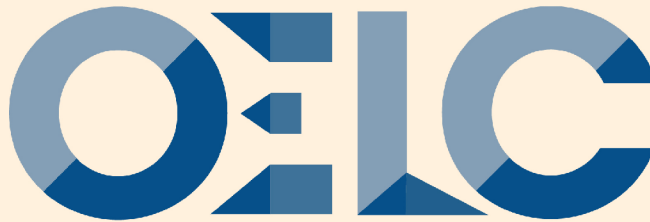


Ohio Energy Leadership Council

Tuesday, February 27, 2024

5:00 p.m. to 6:30 p.m. Gala Reception

5:00 p.m. Gala Reception sponsored by:



Ohio Energy Leadership Council

The Premier Advocate for Ohio's Largest Energy Users



CEP RENEWABLES



Women's Energy Network[®]
OHIO CHAPTER

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, February 28, 2024

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 the Ohio Electricity Marketplace; the Transition to Renewable Generation Resources; Grid Reliability; Rising Transmission Costs; Smart Grid & Advanced Technologies; and Other Major Developments Impacting Electric Generation, Transmission and Rates**



Introductions: Carolyn Brakey
Principal, Brakey Law & General Counsel, Brakey Energy, Chagrin Falls



Heath Knakmuhs
Vice President/Policy Counsel
U.S. Chamber's Global Energy Institute
Washington, DC



Moderator: Jenn Klein
President
Ohio Chemistry Technology Council
Columbus



Steven T. Nourse, Esq.
Vice President – Legal
American Electric Power/AEP Ohio
Columbus



Rebecca Carroll
Senior Director, Market Design & Economics
PJM Interconnection
Audobon, PA



David F. Proaño
Regulatory Counsel
Ohio Energy Leadership Council (OELC)
Partner, **BakerHostetler LLP**, Cleveland



Mark Jones
Vice President, Customer Engagement
FirstEnergy Corp.
Akron



Scott White
President & CEO
IGS Energy
Dublin

10:15 a.m. **Mid-Morning Break & Visit the Energy Displays**
Sponsored by IGS Energy



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2024 Conference Presenting Sponsor



Ohio
Energy
Leadership
Council

Wednesday, February 28, 2024

10:30 a.m. to 11:30 a.m.

6 Interactive & Concurrent Workshops

AA. Developing a Customized Sustainability Roadmap

Insights on how sustainability looks different for every company and 98% of large energy buyers have either a plan in place or are getting started on the development and implementation of the plan. Varying elements of sustainability plan. Data analytics, goals, products, services and partners to implement solutions. Explore how starting with a baseline of data analytics and goals is evolving how companies develop their roadmap; how renewables and efficiency projects play a role, and how hydrogen may be integrated in the near future. Case studies.

Rajiv (Raj) Bazaj, *Vice President, Sustainability Solutions, Constellation Energy Corporation*, Baltimore, MD

BB. AEP Ohio (Ohio Power Company): Significant Developments Impacting Electric Rates and Smart Grid Technology

Priceless insights into developments impacting retail electric rates in AEP Ohio's service territory, including its current or future electric security plans; rate-related updates; the present and future state of SSO load auctions and SSO rates; and Smart Grid Technology.

Jaime Mayhan, *Director – Regulatory Services*, Rich Williamson, *Regulatory Pricing & Analysis Manager*; Curt Heitkamp, *Regulatory Case Manager*, and Michael McCulty, *Regulatory Consultant Principal, American Electric Power/AEP Ohio*, Columbus; Katie Emling, *Engineer, Brakey Energy*, Chagrin Falls; James Loder, *Director of Energy Management, Pixelle Specialty Solutions LLC*, Spring Grove, PA; and David F. Proaño, *Regulatory Counsel, Ohio Energy Leadership Council (OELC) and Partner, BakerHostetler LLP*, Cleveland

CC. Energy Management System (ISO 50001) & Energy Efficiency ... How to Prioritize Reducing Your Energy Footprint Before Spending Capital on GHG Reduction

Considering GHG is the byproduct of energy use, how a focus on energy efficiency and an ISO 50001 Energy Management System can enhance the impact to your GHG reduction efforts and help keep operating and capital costs under control.

Renee Rambo, *Energy Manager, Vallourec STAR LP*, Girard and Jason Clarke, *CEM, Engineering Project Manager, Manufacturing Extension Partnership, Georgia Institute of Technology*

DD. Backup Power Generators: "I Know the Benefits, But How Do I Offset the Costs?"

With natural disasters on the rise amongst a momentous transition to a cleaner grid, energy reliability is becoming increasingly important. Through technological advancements and continued cost efficiencies in production, backup generators, battery storage, and fuel cells have become increasingly economical to deploy. Explore where distributed assets make the most sense to deploy, and how these assets can be utilized to reduce costs and risks.

Sean Handel, *Business Development Manager*, and Dan Smies, *Managing Director of Business Development and Strategy, AEP Energy*, Columbus

28th ANNUAL OHIO

Energy Savings & Management

C O N F E R E N C E

Tuesday - Wednesday, February 27 - 28, 2024

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6 Interactive & Concurrent Workshops *continued*

EE. Energy Development Opportunities for Distressed Properties

Completed projects on landfills and distressed property and best use scenarios for distressed sites (landfills, brownfields, reclaimed coal). Under current Ohio law, development/interconnect process and overview of proposed new Ohio legislative opportunities. Increase tax revenue and other local benefits from developing distressed properties.

Chris Ichter, *Executive Vice President*; Jay Conroy, *Director, Development* and Kurt Princic, *Senior Project Development Manager*, **CEP Renewables**, Lancaster, PA; Red Bank, NJ and Chagrin Falls; and Michael W. Wise, *Co-Chair, Energy Practice*, **McDonald Hopkins**, Cleveland

FF. Combined Heat & Power (CHP) ... Most Profitable Pathway to Sustainability and Achieving Net-Zero with ROI

Insights on industrial Combined Heat & Power and why it is the ultimate efficiency play for facilities in achieving net-zero emissions. Comparing CHP to other sustainable options in pursuing net-zero emissions. Why CHP is the most financially attractive option for facilities with electrical and thermal loads in the quest to drive emissions to site emissions to ZERO.

Edward A. Stoermer, *Vice President, Western Region, CHP* & Craig Pleiman, *Engineer*, **Lathrop Trotter/Koch Applied**, Cincinnati

11:30 a.m. to 1:45 p.m.

Luncheon, Keynote & Natural Gas Roundtable

11:30 a.m. Luncheon

Noon **Major Developments at the PUCO including Key Rate Cases/Settlements, Emerging Trends, Grid Resilience Funding and Future Priorities Impacting Ohio Business & Industry**



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

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Luncheon, Keynote & Natural Gas Roundtable *continued*

12:30 p.m.

Ohio's Natural Gas Utilities: Valuable Insights on Prices, What Large Energy End Users Can Expect in the Future and Ohio's Natural Gas Market Structure and Outlook ... Ohio Energy Leadership Council's Roundtable



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



Andrew Duckworth
President
Utility Pipeline Ltd.
Canton



Paul Leanza
Director, Gas Supply
IGS Energy
Dublin



Melissa L. Thompson
Director of Regulatory Policy
Columbia Gas of Ohio, Inc.
Columbus



Daniel A. Weekley
President & General Manager
Dominion Energy Ohio
Cleveland

1:45 p.m.

Break *sponsored by BakerHostetler*

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

4 Interactive & Concurrent Workshops

GG. What the Appalachian Regional Clean Hydrogen Hub Means to Industry and Manufacturing

Appalachian Regional Clean Hydrogen Hub (ARCH2) – partnership, projects, community impact and job upskilling strategies – and how these give rise to hydrogen adoption and use across a regional geography. Link between hydrogen and decarbonization across various sectors, including industry and transportation.

Denise M. Brinley, *Vice President ESG and Climate Solutions, TRC, Columbus*; Shawn Bennett, *Energy and Resilience Division Manager, Battelle Memorial Institute, Columbus* and *Representative, Dominion Energy*

HH. Decoding Demand Response - Transform Your Energy into Opportunity

Energy value is determined by price, quantity and time. When and how you use energy is just as important as the price you pay for it and how much you use. How participating in demand response programs, you can substantially save by agreeing to reduce energy in response to grid signals. How demand response payments earned can then be reinvested into energy efficiency, renewables or battery storage technologies that provide further flexibility to your site, reduce your operating costs and support the transition to a greener future.

Joe Hayden, *Vice President, GridBeyond, Houston, TX*

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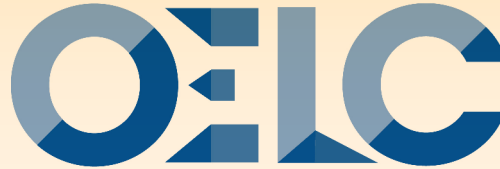
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2:00 p.m. to 3:00 p.m.

4 Interactive & Concurrent Workshops *continued*

II. "Physical" Renewable Energy Solutions for Industrial End Users

Renewable Energy options and experience with industrial end users. Details/prices on "actionable" renewable PJM projects along with pricing and product optionality and best practice on how to reach ESG & Sustainability goals. REC / carbon offset price & market conditions.

Rob McKim, *Senior Vice President* and Steven Willett, *Vice President*, Amerex Energy Services, Sugar Land TX

JJ. On-Site Solar, Storage and the IRA: Opportunities and Challenges

Practical issues and challenges faced as energy-users seek to add solar and storage to their facilities. Current market costs, performance and economic payback for typical project types. A breakdown of the fine print of the IRA rules and how to avoid expensive mistakes. Challenges and risks of project implementation. Critical elements of a successful program.

David Zelasko, *Commercial Solar Consultant*, Third Sun Kokosing Solar, Westerville

3:00 p.m.

Conference Adjournment

Thank you to the Event Sponsors for the
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Ohio Energy Leadership Council

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