

**2018 Indiana Conference on Energy Management  
July 31-August 1, 2018  
Hyatt Regency Indianapolis**

**July 31, 2018**

**8:00 a.m. – 5:00 p.m. Registration Desk Hours**

*Sponsored by: Vectren, Cummins, EDF Energy Services, Ice Miller LLP and MacAllister Power Systems*

**8:00 a.m. Continental Breakfast**

*Sponsored by: Citizens Energy Group*

**8:30 a.m. Welcome and Program Overview**

*Brent Lank, 2018 Conference Chair and Sr. Specialist, Management Systems, Government Relations and Compliance, Subaru of Indiana Automotive, Inc.*

**8:45 a.m. Keynote Presentation: Kroger Sustainability Plan**

*Eric Halvorson, Manager of Corporate Affairs, The Kroger Co.*

**9:30 a.m. Expo Break**

*Sponsored by: CountryMark*

**10:00 – 10:45 a.m. Concurrent Session 1**

**1A. Real Time Energy Management (RTEM)**

- What is real time energy management
- How does it relate to HVAC service contracts and/or retrocommissioning
- The value proposition of doing real time energy management

*Dennis Krieger, Director of Engineering, Switch Automation and Steve Evans, Director of Smart Building Solutions, Nexant*

**1B. Corporate Renewable Energy in Indiana: The Business Case**

- Describe the corporate renewable energy procurement landscape in 2018
- Provide an overview of Indiana's suitability for renewable energy projects
- Discuss business drivers and opportunities to attract corporations to Indiana via renewable energy

*Mark Goodwin, President and CEO, Apex Clean Energy, Inc.*

**10:45 a.m. Expo Break**

**11:00 a.m. – 12:00 p.m. Concurrent Session 2**

**2A. Demand Reduction vs. Peak Shaving**

- Understand the pros and cons of load reduction to reduce energy costs
- Understand the pros and cons of self-generation of power to reduce energy costs
- Understand the economic opportunity for demand reduction in Indiana

*Chris Cummings, Business Development, Alternative Energy, MacAllister Power Systems*

**2B. Point/Counterpoint: Have Consumers Benefited from Electricity Retail Competition?**

- Beginning in mid-1990s, states began allowing electricity retail competition. Today, 13 states and the District of Columbia allow retail competition for all customer classes
- Because of a failure in California's retail market in 2000-2001, other states that were considering it at the time opted to remain with traditional regulation
- Indiana is among 30 states that remain regulated, with its immediate neighboring states to the east and west with retail markets
- Presently, with 20 years of experience to look back on, how do states that opened their retail markets compare with those that remained regulated?

*Philip R. O'Connor, Ph.D., Proactive Strategies, Inc. and Ken Rose, Ph.D., DePaul University*

12:00 p.m. **Expo Lunch/roundtables**

**1:30 – 2:15 p.m. Concurrent Session 3**

**3A. IU Health Energy Efficiency Journey**

- Overview of IU Health energy initiative
- Review of projects implemented and economics
- Case study for long term energy planning

*Damon Greeley and Dwight Klippel, IU Health*

**3B. Integrated Resource Planning**

*Panelists: Dr. Brad Borum, Director of the Research, Policy, and Planning Division, Indiana Utility Regulatory Commission; Fred Gomos, Manager of Corporate Strategy and Development, NIPSCO. Moderator: Tim Rushenberg, Vice President, Indiana Energy Association.*

2:15 p.m. **Dessert Break in Expo**  
*Sponsored by: NIPSCO*

**2:45 – 3:45 p.m. Concurrent Session 4**

**4A. The Economic Benefits of Distributed Generation**

- Cummins is investing in technologies like natural gas, electrified power and energy storage, fuel cells and the ability to integrate renewable sources of energy with firm sources of energy
- We are at the point in history where we are seeing newer distributed energy capacity being added each year versus new central grid capacity
- When you have distributed sources of energy AND those sources are connected to the grid, you may be able to sell your energy back to the grid, to self-generate during peak pricing hours of the day at a lower cost per kw while achieving environmental benefits of using renewable sources of energy or less water in producing electricity with coal

*Satish Jayaram, General Manager, Distributed Generation, Cummins*

**4B. Volkswagen Environmental Mitigation Trust Panel: What's Next? (2:45 – 4:00 p.m.)**

- Indiana's process for developing the state beneficiary mitigation plan and the timeline for project applications and grants
- IEA's comments submitted to IDEM for inclusion in the state beneficiary mitigation plan by the electric and natural gas utilities
- Non-electric alternative fuels for large fleets, marine vehicles, etc., such as propane and CNG

*Panelists: Tim Rushenberg, Vice President, Indiana Energy Association; Kerri Garvin, MPA, Executive Director, Greater Indiana Clean Cities; and Bruno Pigott, Commissioner, Indiana Dept. of Environmental Management. Moderator: Kerwin Olson, Executive Director, Citizens Action Coalition.*

4:00 p.m.      **Reception**  
*Sponsored by: Apex Clean Energy*

5:00 p.m.      **Conference Adjourns for the Day**

## August 1, 2018

8:00 a.m. – 1:30 p.m. **Registration Desk Hours**

8:30 a.m.      **Continental Breakfast**  
*Sponsored by: Geronimo Energy*

9:00 a.m.      **Opening General Session: Transformation in the World of Energy**  
A key senior executive from one of the country's largest energy companies will discuss the effect of technology and innovation on customer experience and the regulatory paradigm.  
*Paul Chodak III, Executive Vice President – Utilities, American Electric Power*

9:45 a.m.      **Break**

### 10:00 –10:45 a.m.      **Concurrent Session 5**

5A.      **Solar Roof Provides Shade, CO2 Savings**

- Solar racking on carports is an innovative way to provide clean solar energy while creating much-needed shade for parking or pedestrian areas
- Cummins has installed a 25,000-square-foot carport system in Ciudad Juárez, Mexico that consists of 873 solar panels covering 124 cars, which could easily be replicated in Indiana

*Alan Resnik, Director, Facilities and Operations Environmental Management, Cummins*

5B.      **Impact of a Dynamic Electric Utility Industry on Institutional, Industrial and Manufacturing Customers**

- Understanding of distributed energy resources (DERs) and their impact on the electric grid
- How DERs and new technologies are impacting industrial and manufacturing facility capital planning and investment
- Need to coordinate industrial and manufacturing capital planning with electric utilities' grid modernization

*Peter Grills, Of Counsel, Bingham Greenebaum Doll*

10:45 a.m.      **Break**

### 11:00 a.m. – 11:45 a.m.      **Concurrent Session 6**

6A.      **Various Energy Consumption Savings in Industrial Air Compressor Systems**

- Common ways of saving energy in compressor systems
- Energy saving potential of individual compressor subsystems
- Quantify the energy savings and case studies

*Ali Razban, Director, Bachelor of Science in Energy Engineering Program, Indiana University Purdue University Indianapolis (IUPUI)*

6B.      **Energy and the Winds of Change: Should We Be Building Walls or Building Windmills?**

- Solar energy has been the focus of attention lately, but wind projects offer the potential to deploy renewable energy with significantly more scale
- An expert from an energy company with substantial renewable resources will discuss the wind energy from his perspective and experience with renewable energy projects

*Jay Godfrey, Managing Director, Energy Marketing & Renewables, American Electric Power*

12:00 p.m. **Conference Closing Luncheon**  
**Keynote Presentation: Hurricane Cleanup Efforts**  
*Cicely M. Hart, Midwest Vice President, Engineering and Technical Customer Relations, Duke Energy*

1:30 p.m. **2018 Indiana Conference on Energy Management Adjourns**