EEI Strategic Issues Roundtable
April 18-20 | Andaz San Diego | San Diego, CA
Wi-Fi Network: TBD

Media Sponsor - Navigant

**Wednesday, April 18**

9:30  Registration Opens
     *Sponsored by Oracle Utilities*

10:00  **Energy Company-Only Discussions**
     **Semi-Annual Industry Issues Ranking**
     Attendees will introduce themselves and list issues they wish to address at this or future meetings.

10:50  **Utility Only: Local Energy Company Welcome and Presentation**
     Caroline Winn, COO, San Diego Gas & Electric

11:10  **Utility Only Presentation: Ameren and Innovation**
     This discussion will highlight how innovation at Ameren has evolved over time, and how innovation is being used to benefit customers, operations and strategy, and to change the culture across the organization.
     *Mark S. Vantrease, Director, Strategic Planning and Technology, Ameren Corporation*

12:00  **Opening Buffet Luncheon**
     *Sponsored by Pace Global*

Roundtable Begins

1:00  **Welcome and Introductions**

1:30  **What large customers are doing with renewables**
     Often, customers end up working with third party vendors and the local utility is left out in the cold.
     Learn why those customers do that and how we can get out ahead of it.
     *Suzanne Shelton, President & CEO, Shelton Group*

2:20  **Industry Panel: Renewables**
     *Therese Miranda-Blackney, Puget Sound Energy; Joe Hoagland, TVA; Cheryl Wells, Xcel Energy*

3:10  **Break**
     *Sponsored by Charles River Associates*
3:30 **Electric Utilities Role Regarding Electric Vehicles – A Growth Opportunity**

The transportation market is undergoing extensive disruption driven by electrification, ridesharing and autonomous driving. These changes are creating threats and important opportunities for new and existing businesses, including for electric utilities. Despite the significance of the changes underway – all members of society will be directly impacted – questions remain in regard to a number of vital strategic issues for electric utilities.

_Holt Bradshaw, Consultant, Pace Global_

4:20 **Cyber Security Strategy**

In this session, we will describe some of the foundational steps a major Duke Energy business unit has taken to begin the journey to enhance its NERC and CIP compliance programs and develop a more strategic cyber security program. In this interactive session, we will address questions like: How do you educate workers, change employee behaviors and influence the compliance culture? How do you organize around regulatory compliance and security objectives? How do you prioritize cyber security risks more strategically? How can you measure the success of your program?

_Ann Goza, FHO Director NERC & Regulatory Compliance, Duke Energy_
_Luke Martin, Director, ScottMadden_

5:10 Adjourn for the day

5:30 Networking Reception and Dinner at _Rustic Root_, 535 5th Ave

_Sponsored by ScottMadden_

True to its name, Rustic Root showcases a dynamic menu of Rustic American Cuisine. Featuring high-quality ingredients that transform simple, American favorites into flavorful, unexpected, and seasonally-infused dishes and cocktails.

**Thursday, April 19**

8:00 Breakfast

_Sponsored by ICF International_

8:00 Registration Opens

_Sponsored by Oracle Utilities_

[Guest Program]

Private San Diego Sightseeing Tour. Pick up at 9:00

_Sponsored by Oliver Wyman_

8:50 **Morning Announcements**

9:00 **Resiliency: Looking forward from Puerto Rico and Hurricanes Irma and Maria**

In September 2017, Hurricanes Irma and Maria unleashed catastrophic damage to Puerto Rico’s electric power system. This devastation presents an unprecedented opportunity to rebuild and transform the system to one that is hardened, smarter, more efficient, cleaner, and less dependent on fossil fuel imports. Under the guidance of several EEI member utilities and other stakeholders, an assessment of the electric power system storm damage was performed, providing a new system design basis and proposing rebuild recommendations. Navigant, as project manager, and Southern California Edison, as a working group contributor, will co-present the story behind this focus on resiliency and the opportunity for a sustainable rebuild.

_Mike Bianco, Managing Director, Navigant_
_Erik Takayesu, ESP&M Director, Southern California Edison_
_Todd Kasulka, Integrated Innovation & Modernization, Southern California Edison_
9:50  **Thriving within Disruption**

Disruption is here. Disruption in the way we produce and exchange energy, the way we operationalize data, and the way we engage with customers. What can utilities do to prepare to not only survive the disruption, but thrive within it? We have the advantage of learning from those who went before us. Join this session to explore the impacts of disruption in other industries and the lessons we can bring into our own. We’ll discuss how to build and maintain strong customer engagement practices within this disruptive time, and the importance of nurturing core service reliability while allowing for exploration of new business models and service opportunities.

*Caitlin Aburrow, Director, Global Product Marketing, Oracle*

10:40  Break

*Sponsored by Charles River Associates*

11:00  **Blockchain and cryptocurrency fundamentals through real-world applications**

Blockchain is one of the top buzzwords in the utility industry today, yet few have a clear understanding of what it is, what it could mean, and in what timeframe it will have an impact. In this fast-paced session, E Source will provide a quick overview of Blockchain and cryptocurrency fundamentals before Lawrence Orsini, Founder and CEO of LO3 Energy (the company behind the peer-to-peer Brooklyn Microgrid Project), provides deep insights and case studies from the U.S. and European front lines that exemplify the potential disruptive and transformative power of this technology. Join us as we attempt to separate hype from reality regarding this fascinating and important emerging business opportunity.

*Ken Black, Chairman, E Source*  
*Matthew Burks, Chief Strategy Officer, E Source*  
*Lawrence Orsini, Founder and CEO, LO3 Energy*

11:50  **The Energy Trilemma: Can we make electricity secure, environmentally sustainable AND affordable?**

The energy sector is being transformed by a dramatic transition toward decarbonization, decentralization and digitalization. Although this transformation creates new business opportunities, it also raises significant challenges for regulated utilities, to: (1) simultaneously achieve the three objectives of today’s energy trilemma: to provide electricity that is secure (and reliable), environmentally sustainable AND affordable; (2) while providing acceptable returns to shareholders. Often, actions taken to meet one of the trilemma’s objectives make it more difficult (or even run counter) to achieving one or more of the other objectives.

*Alan Feibelman, Partner and Head of North American Utilities Practice, Oliver Wyman*

12:45  Buffet Luncheon – open to all attendees and guests

*Sponsored by EY*

2:20  **U.S. Navy strategies, plans, & challenges to meet the shore energy reliability, resiliency, and efficiency needs**

The suite of solutions continually being leveraged include Utilities Rate Intervention, Utilities Purchasing Optimization, Utilities Privatization, Distributed Generation and microgrids, Electric Vehicles, and third party financed solutions such as Power Purchase Agreements, Enhanced Use Leases, ESPC, and UESC.

*Dave Curfman, Naval Facilities Engineering Command, Assistant Commander for Public Works, U.S. Navy*
3:10 **Technology and innovation EPRI**

Efficient Electrification: Efficient electrification – the application of energy efficient electric technologies as alternatives to fossil-fueled processes – is a central pillar of EPRI’s Integrated Energy Network. Economic and environmental factors are expected to increasingly reward and drive the application of a number of electric technologies to boost energy efficiency and grid flexibility, increase productivity, and improve product quality while supporting emissions reduction, water savings, and safety. Ongoing research continues to assess the potential benefits and opportunities of existing and emerging efficient electric technologies.

*Barbara Tyran, Executive Director, Government & External Relations, EPRI*

4:00 **Break**

*Sponsored by Charles River Associates*

4:20 **Open Discussion**

Floor is open to discussion and ad hoc topics.

X:XX **EEI Updates**

EEI will update attendees on discussions at the quarterly board meetings and other projects.

*Jim Owen, Executive Director Member Relations and Meeting Services, Edison Electric Institute*

5:00 **Adjourn for the day**

5:30 **Networking Reception at The Rooftop by STK, Andaz**

*Sponsored by Oliver Wyman*

Network with your peers and enjoy hors d’oeuvres and refreshments while taking in stunning city views of San Diego.

Dinner is on your own.

**Friday, April 20**

8:00 **Continental Breakfast**

*Sponsored by ICF International*

9:00 **"AI is eating Software"**

Traditional computer programming relies on inflexible rules, but these are not able to capture the dynamics of the world around us. Most problems are too complex to be captured in a predetermined set of rules—which is where AI comes in. AI can perceive and analyze problems in a dynamic, human-like fashion, sifting through even massive data sets and discovering its own “rules” based on observation and statistical analysis that evolves over time. This ability is critical in a wide range of applications for the energy industry, including consumer insights, asset health management, and performance optimization. This is why value in the industry is now shifting from physical assets to fluid software technology.

*Paulo Pereira, Global VP, Utilities and Industrial IoT, SparkCognition Inc.*
Investing for near-term growth, long-term sustainability

Utilities are focused on meeting investor expectations for robust earnings growth in the near term while creating a long-term platform for growth. These objectives can be at odds. Investors in utilities expect high quality, relatively low risk earnings. Yet, investing for the future can require spending on new technologies and restructuring the organization which is inherently risky. In this session, we’ll share three plausible long-term planning scenarios and discuss how utilities will need to change to stay competitive and continue to drive earnings. We’ll also look at utility TSR performance over the last 10 years to understand how the nature of what investors value in a utility is changing and consider how utilities need to further evolve their dialogue with investors around what it means to invest in a utility.

Jim McMahon, Vice President Energy Practice, Charles River Associates

Future Topic Discussion

We will discuss potential topics for the next SIR.

Don’t forget to fill out our survey and help us keep this the best meeting for you.

Join us this fall in Pittsburgh, PA
Tentative Dates: October 10 - 12